

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051084.D
 Acq On : 17 Nov 2021 2:43
 Operator : CG/JU
 Sample : M4619-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-01-111021

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG051084.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.767	378	388	396	rBV	256737	452229	11.37%	0.834%
2	7.377	652	662	668	rBV2	268235	638173	16.05%	1.177%
3	7.600	693	700	705	rBV	46548	90405	2.27%	0.167%
4	7.818	731	737	742	rBV	287695	426823	10.73%	0.787%
5	8.117	778	788	792	rBV4	44045	121413	3.05%	0.224%
6	8.170	792	797	802	rVV	156987	266645	6.71%	0.492%
7	8.229	802	807	820	rVB5	154328	393164	9.89%	0.725%
8	8.341	820	826	830	rBV2	91168	176353	4.44%	0.325%
9	8.499	849	853	859	rVV2	70636	121253	3.05%	0.224%
10	8.729	884	892	895	rBV2	112581	240011	6.04%	0.443%
11	8.781	895	901	908	rVB3	183752	453854	11.41%	0.837%
12	8.858	908	914	927	rBV	298410	583807	14.68%	1.077%
13	8.969	927	933	939	rBV	174236	327738	8.24%	0.605%
14	9.175	963	968	973	rBV	73719	144443	3.63%	0.266%
15	9.234	973	978	983	rVB	108946	204104	5.13%	0.376%
16	9.293	983	988	989	rBV3	75163	108540	2.73%	0.200%
17	9.328	989	994	1002	rVV2	236274	510285	12.83%	0.941%
18	9.434	1002	1012	1018	rVB2	1367748	2659939	66.90%	4.907%
19	9.580	1024	1037	1044	rBV9	172275	573292	14.42%	1.057%
20	9.680	1044	1054	1061	rBV4	177176	508249	12.78%	0.938%
21	9.786	1066	1072	1078	rVV4	67768	217414	5.47%	0.401%
22	9.857	1079	1084	1090	rVV2	281478	518189	13.03%	0.956%
23	9.921	1090	1095	1099	rVV	202899	353514	8.89%	0.652%
24	9.968	1099	1103	1110	rVB4	157197	317861	7.99%	0.586%
25	10.092	1117	1124	1126	rBV3	93992	216881	5.45%	0.400%
26	10.156	1130	1135	1142	rVV4	265702	565142	14.21%	1.042%
27	10.227	1142	1147	1151	rVV3	239880	504365	12.68%	0.930%
28	10.286	1151	1157	1164	rVV3	259210	679933	17.10%	1.254%
29	10.356	1164	1169	1177	rVV3	245980	575921	14.48%	1.062%
30	10.438	1178	1183	1189	rVV2	619413	1210949	30.46%	2.234%
31	10.497	1190	1193	1197	rVV2	176768	285911	7.19%	0.527%
32	10.544	1197	1201	1205	rVV	283745	428620	10.78%	0.791%
33	10.615	1205	1213	1220	rVV3	198799	528167	13.28%	0.974%
34	10.685	1220	1225	1229	rVV	144344	236618	5.95%	0.436%
35	10.744	1229	1235	1241	rVB2	201878	415050	10.44%	0.766%
36	10.814	1241	1247	1251	rBV6	100825	205327	5.16%	0.379%

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Integrator: RTE

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Filtering: 5

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Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.885	1256	1259	1262	rBV3	69700	105134	2.64%	0.194%
38	10.996	1271	1278	1285	rVV	2172998	3671131	92.33%	6.772%
39	11.061	1286	1289	1294	rVB2	136057	207787	5.23%	0.383%
40	11.179	1302	1309	1315	rVB2	805622	1542122	38.78%	2.845%
41	11.255	1315	1322	1327	rBV4	242860	562674	14.15%	1.038%
42	11.302	1328	1330	1335	rVB3	96840	128284	3.23%	0.237%
43	11.408	1341	1348	1352	rBV6	128135	299618	7.54%	0.553%
44	11.525	1362	1368	1374	rVB2	363447	717224	18.04%	1.323%
45	11.637	1383	1387	1391	rBV3	89321	147978	3.72%	0.273%
46	11.737	1397	1404	1409	rBV5	377492	828671	20.84%	1.529%
47	11.854	1420	1424	1433	rVB7	241227	466167	11.72%	0.860%
48	11.931	1433	1437	1446	rVB4	378391	834188	20.98%	1.539%
49	12.036	1448	1455	1459	rBV	853411	1391768	35.00%	2.567%
50	12.083	1459	1463	1468	rBV3	196255	307443	7.73%	0.567%
51	12.236	1483	1489	1494	rBV2	496871	844940	21.25%	1.559%
52	12.307	1495	1501	1507	rBV4	154466	374839	9.43%	0.691%
53	12.365	1508	1511	1515	rVB3	99816	123838	3.11%	0.228%
54	12.430	1516	1522	1531	rBV	2501979	3976135	100.00%	7.334%
55	12.559	1541	1544	1545	rBV3	89526	101384	2.55%	0.187%
56	12.589	1546	1549	1552	rVV2	241989	337960	8.50%	0.623%
57	12.642	1555	1558	1564	rVB2	304716	513730	12.92%	0.948%
58	12.700	1565	1568	1573	rBV3	108562	153524	3.86%	0.283%
59	12.777	1578	1581	1586	rVB6	96773	149327	3.76%	0.275%
60	12.859	1587	1595	1598	rBV7	85709	262300	6.60%	0.484%
61	12.941	1604	1609	1614	rVB	437059	691988	17.40%	1.276%
62	13.047	1624	1627	1631	rBV2	167959	206036	5.18%	0.380%
63	13.088	1631	1634	1636	rBV	87278	99242	2.50%	0.183%
64	13.153	1642	1645	1649	rVB	184759	221774	5.58%	0.409%
65	13.223	1649	1657	1666	rVB4	312609	865973	21.78%	1.597%
66	13.311	1668	1672	1676	rVB	281547	365709	9.20%	0.675%
67	13.364	1676	1681	1685	rBV	699514	1051349	26.44%	1.939%
68	13.482	1696	1701	1705	rBV	356261	548633	13.80%	1.012%
69	13.564	1712	1715	1719	rVB3	88675	119900	3.02%	0.221%
70	13.652	1723	1730	1740	rVV	2241917	3535715	88.92%	6.522%
71	13.740	1741	1745	1750	rVV6	116143	291540	7.33%	0.538%
72	13.799	1751	1755	1760	rVB2	269022	477246	12.00%	0.880%
73	13.893	1767	1771	1775	rVB6	83618	118816	2.99%	0.219%
74	14.175	1815	1819	1823	rVB3	133946	203609	5.12%	0.376%
75	14.216	1823	1826	1832	rVB4	216327	352532	8.87%	0.650%
76	14.298	1832	1840	1844	rBV3	465478	1022763	25.72%	1.887%

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Integrator: RTE

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77	14.345	1844	1848	1855	rVB2	233032	503082	12.65%	0.928%
78	14.422	1856	1861	1866	rBV2	249721	373997	9.41%	0.690%
79	14.504	1872	1875	1879	rVB4	107134	139157	3.50%	0.257%
80	14.716	1906	1911	1919	rVB	1459575	2054856	51.68%	3.790%
81	14.792	1920	1924	1926	rBV4	66502	105947	2.66%	0.195%
82	14.863	1932	1936	1942	rVB	298352	486853	12.24%	0.898%
83	15.051	1964	1968	1978	rVB4	76885	155259	3.90%	0.286%
84	15.150	1982	1985	1991	rVV6	70776	167083	4.20%	0.308%
85	15.209	1992	1995	1999	rVB	85282	111946	2.82%	0.206%
86	15.327	2010	2015	2023	rBV3	203267	371526	9.34%	0.685%
87	15.397	2023	2027	2032	rVB	110247	161094	4.05%	0.297%
88	15.468	2035	2039	2045	rBV5	63137	143852	3.62%	0.265%
89	15.662	2067	2072	2077	rVB	846577	1078473	27.12%	1.989%
90	16.061	2132	2140	2145	rBV	159134	327338	8.23%	0.604%
91	16.284	2174	2178	2183	rVB3	65156	90843	2.28%	0.168%
92	16.349	2183	2189	2195	rBV	265692	420584	10.58%	0.776%
93	16.519	2213	2218	2229	rBV	391782	626563	15.76%	1.156%
94	17.313	2348	2353	2357	rBV	158896	195666	4.92%	0.361%
95	17.606	2397	2403	2415	rBV	376131	632619	15.91%	1.167%
96	18.053	2475	2479	2484	rVB	78245	101423	2.55%	0.187%
97	19.363	2699	2702	2705	rBV2	81111	103958	2.61%	0.192%
98	20.192	2839	2843	2848	rVB	610557	772132	19.42%	1.424%
99	20.468	2887	2890	2894	rVB2	79053	93006	2.34%	0.172%
100	21.913	3131	3136	3143	rVB	285936	513216	12.91%	0.947%

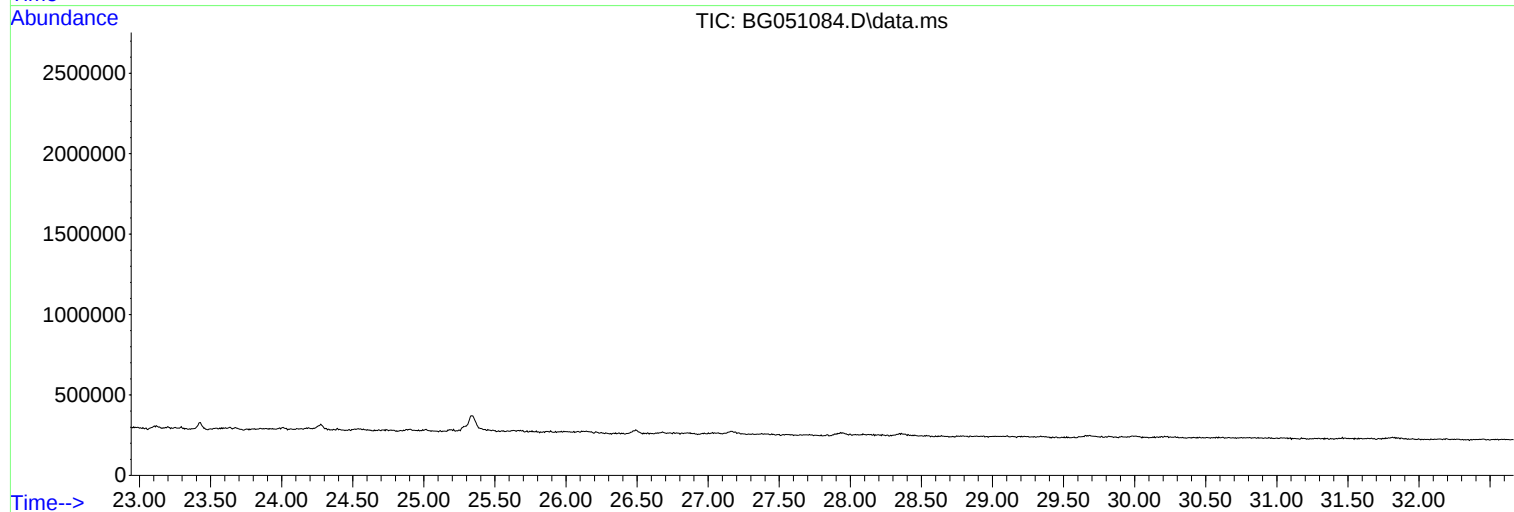
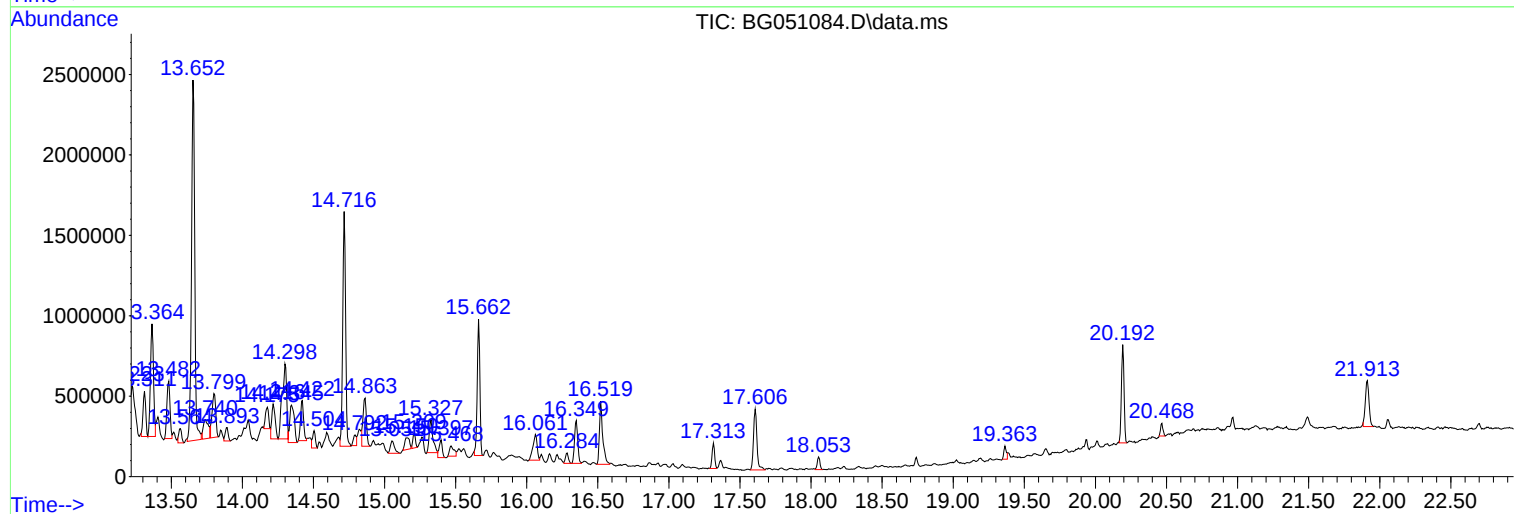
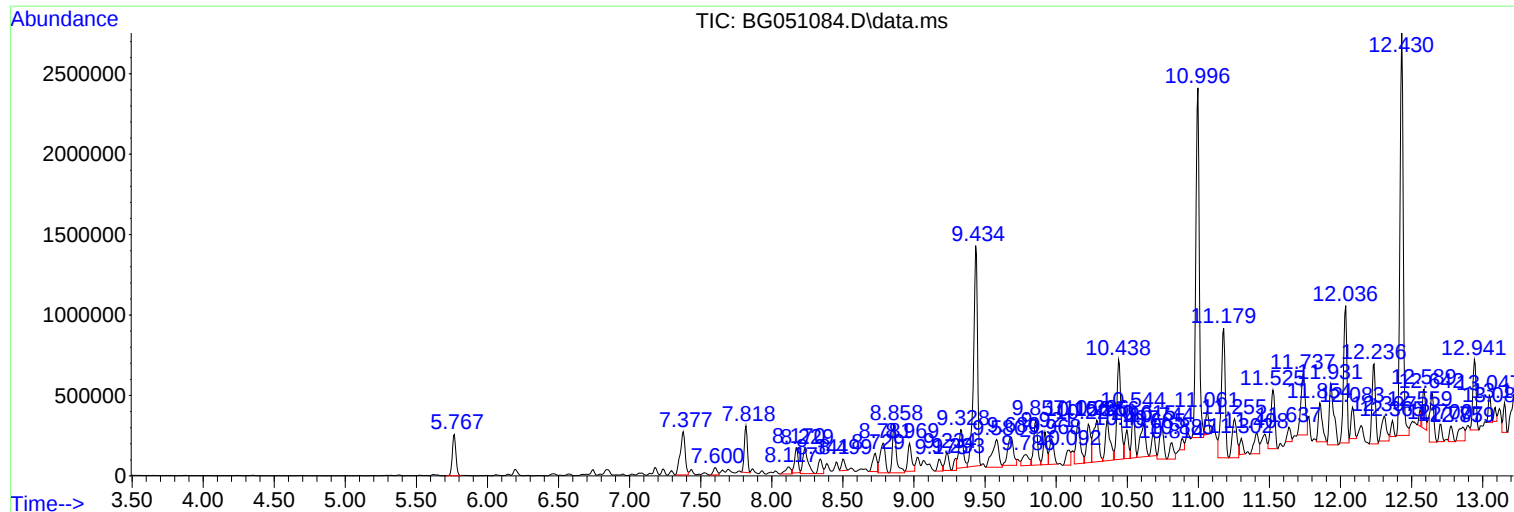
Sum of corrected areas: 54212046

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-01-111021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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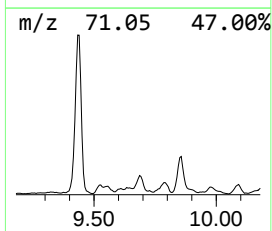
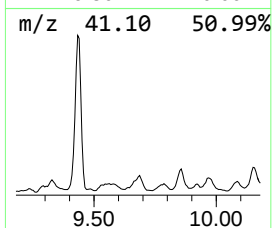
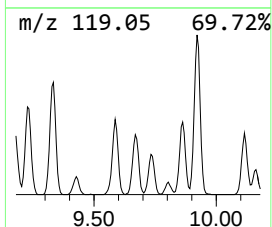
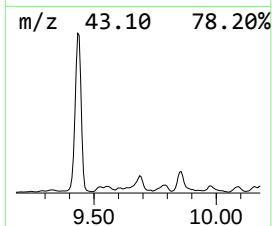
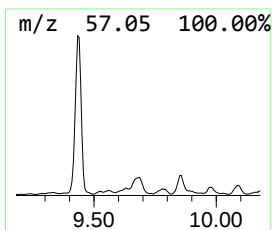
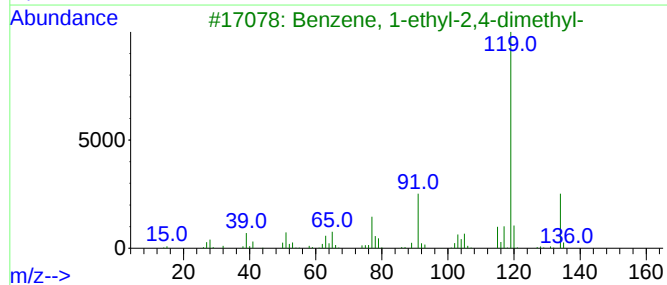
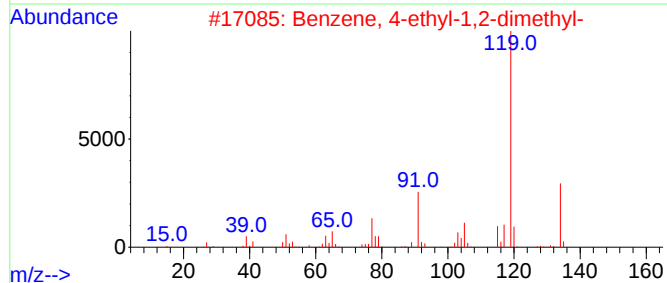
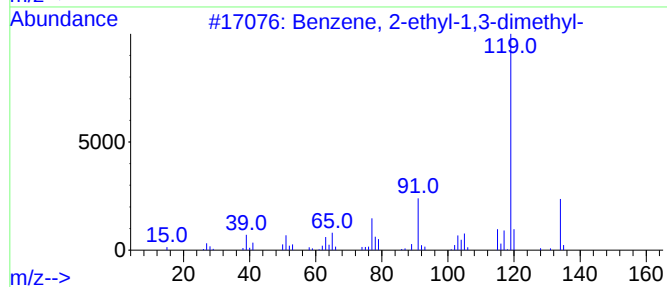
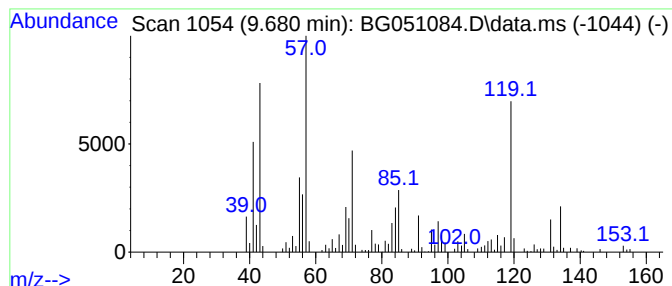
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.680	48.92 ng	508249	Naphthalene-d8	11.061

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	59
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	59
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	59
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	59
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	55



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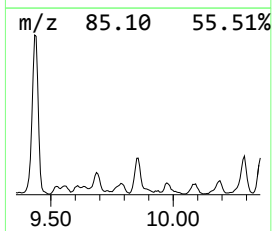
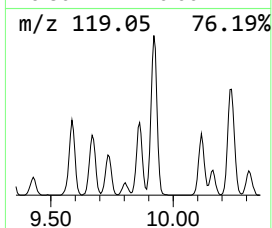
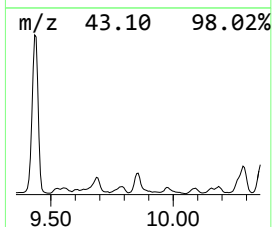
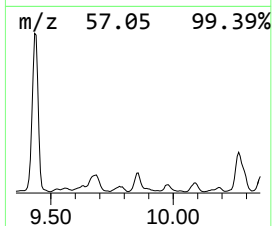
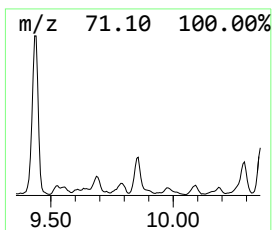
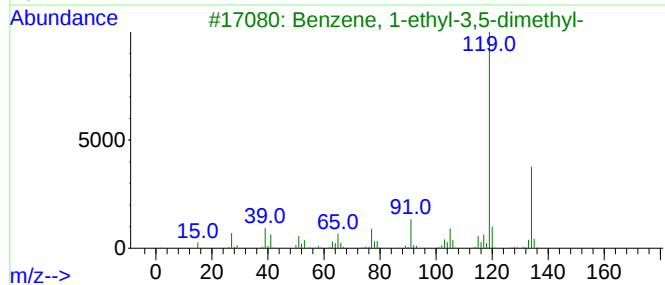
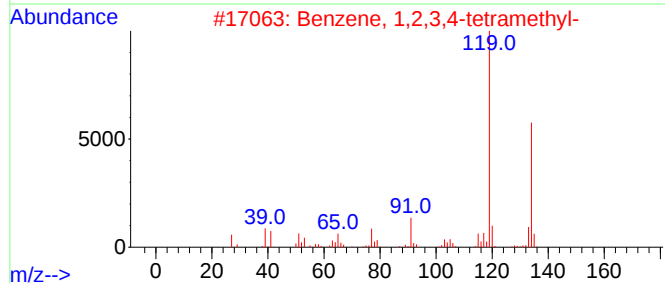
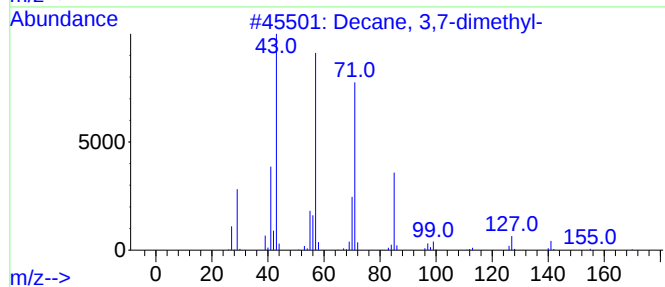
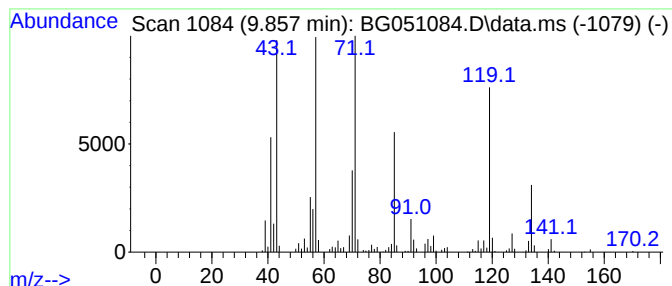
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane, 3,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.857	49.88 ng	518189	Naphthalene-d8	11.061

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	83
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	38
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	38
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	38
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	38



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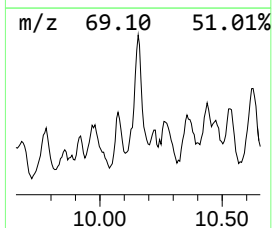
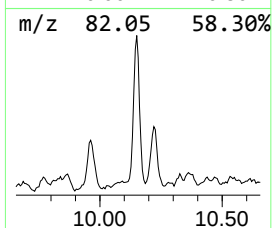
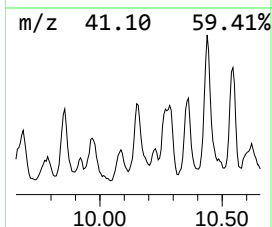
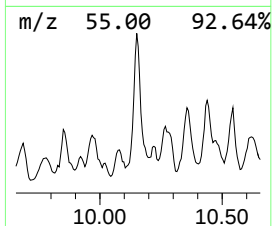
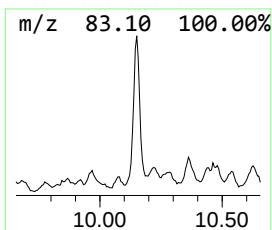
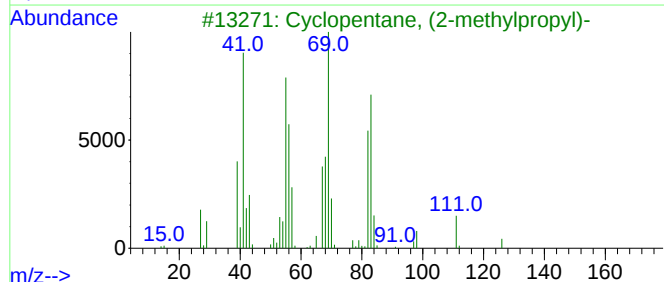
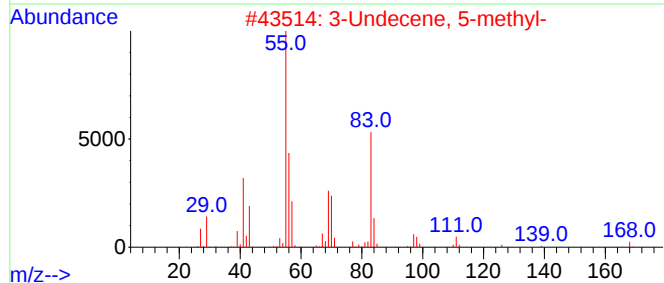
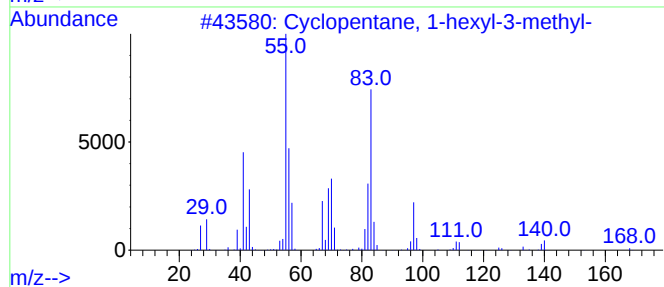
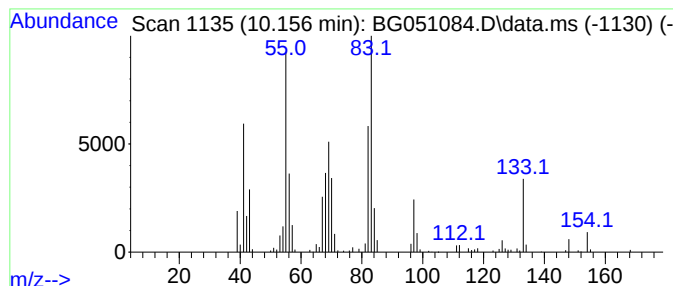
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclopentane, 1-hexyl-3-met... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.156	54.40 ng	565142	Naphthalene-d8	11.061	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	55
2	3-Undecene, 5-methyl-	168	C12H24	1000061-84-1	49
3	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	49
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051084.D
Acq On : 17 Nov 2021 2:43
Operator : CG/JU
Sample : M4619-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

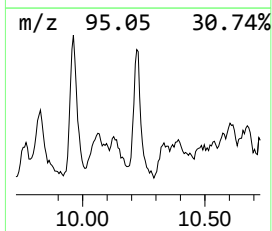
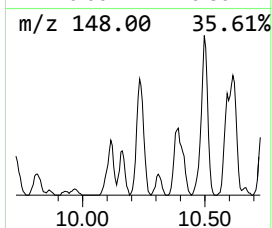
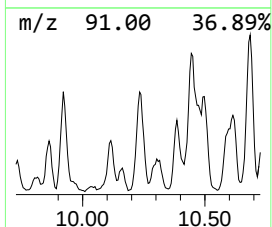
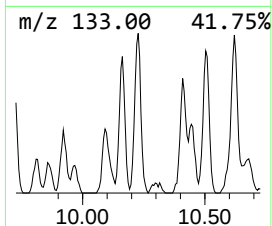
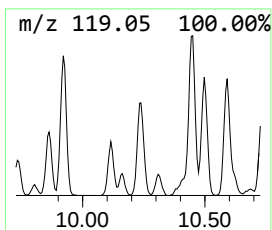
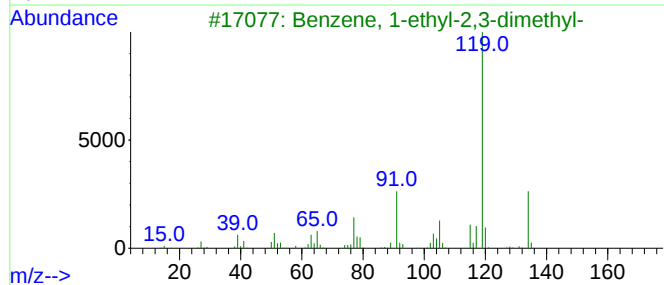
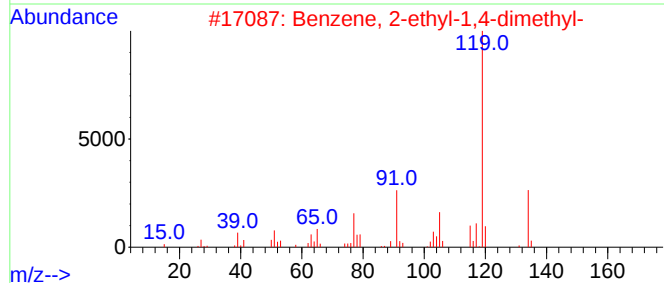
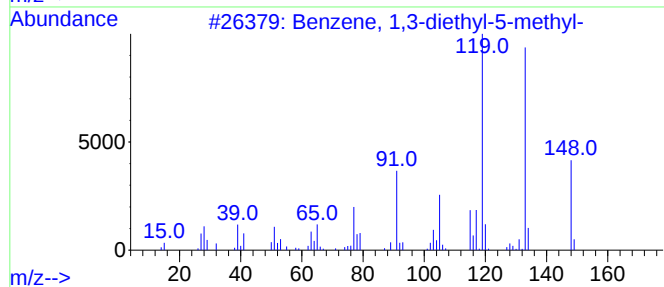
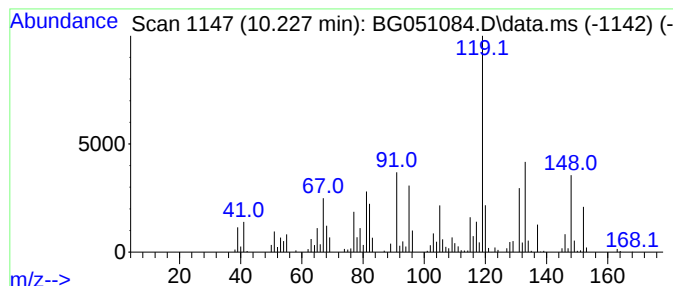
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.227	48.55 ng	504365	Naphthalene-d8	11.061	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	70
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	46
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	38
4	2,4,6-Trimethylbenzenethiol	152	C9H12S	001541-10-2	38
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051084.D
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Sample : M4619-01 2X
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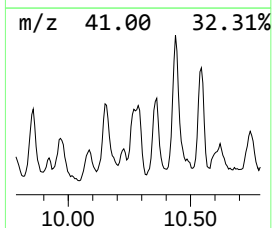
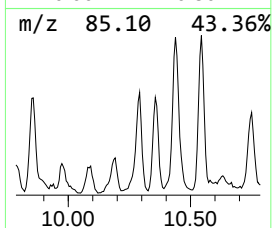
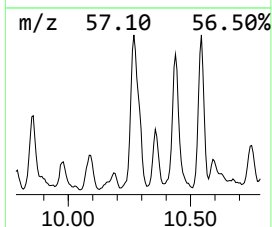
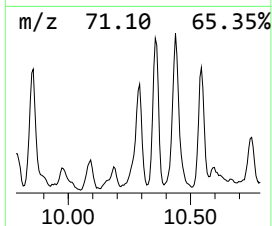
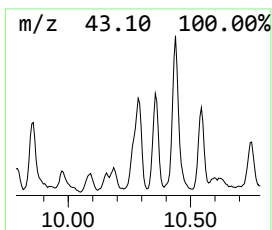
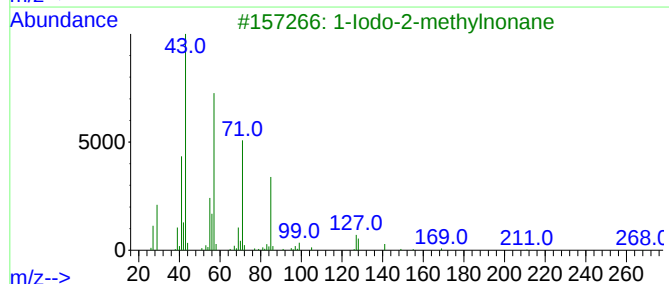
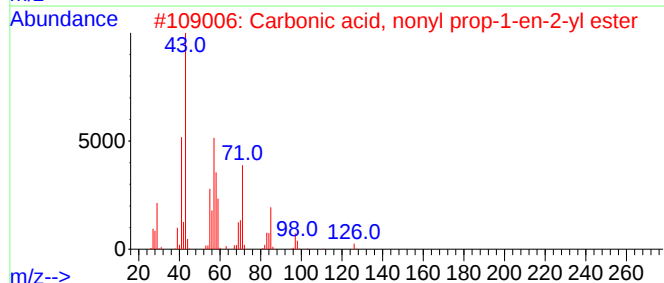
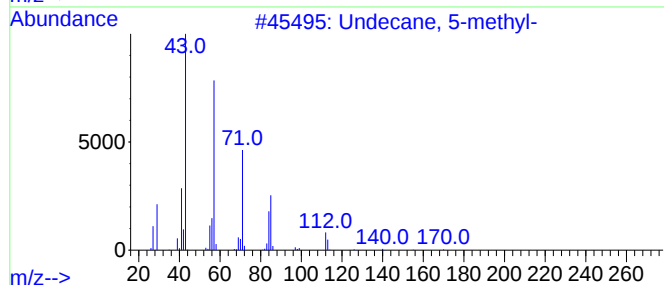
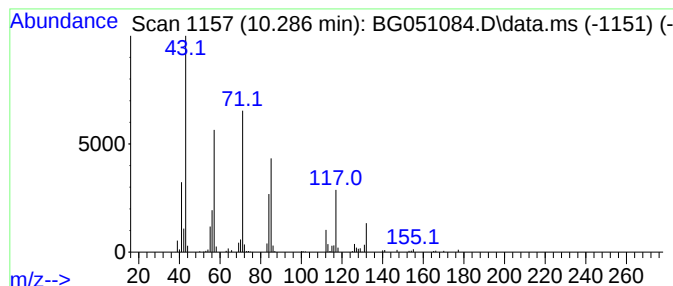
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Undecane, 5-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.286	65.45 ng	679933	Naphthalene-d8	11.061

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 5-methyl-	170	C12H26	001632-70-8	58
2			Carbonic acid, nonyl prop-1-en-2...	228	C13H24O3	1000382-53-9	50
3			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	47
4			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	43
5			Octane	114	C8H18	000111-65-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051084.D
Acq On : 17 Nov 2021 2:43
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Sample : M4619-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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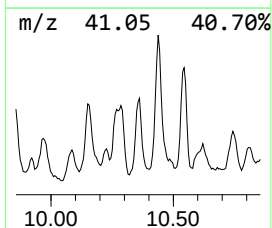
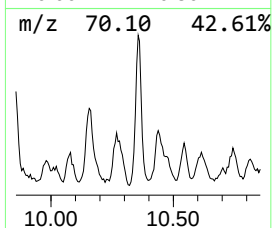
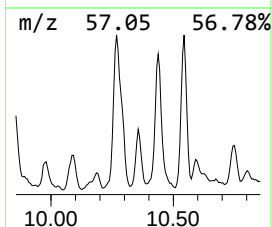
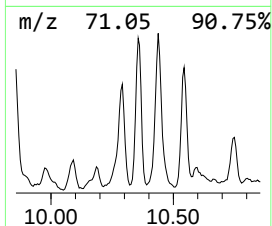
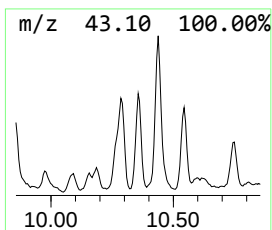
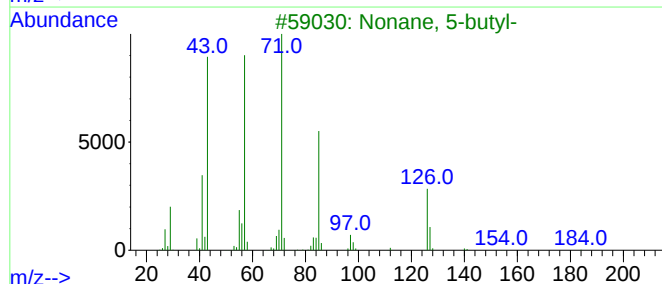
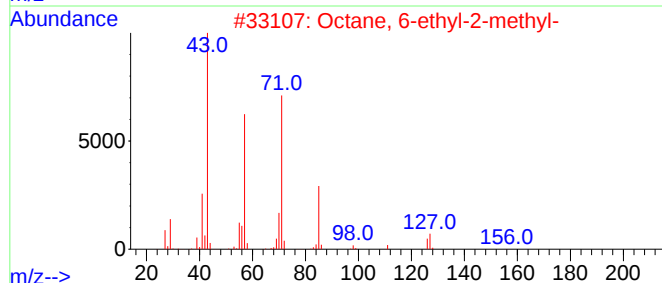
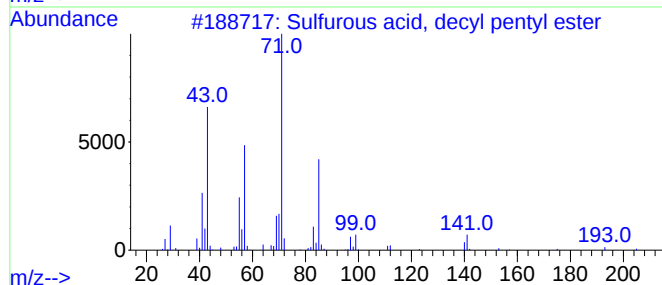
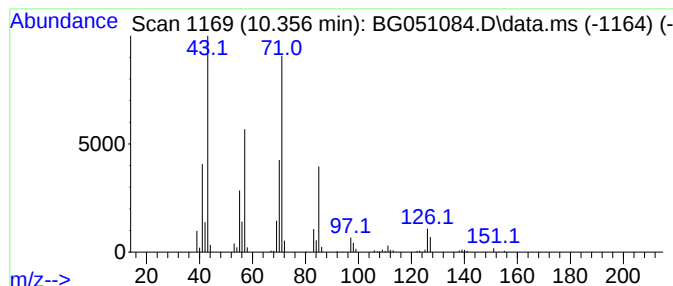
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Sulfurous acid, decyl penty... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.356	55.43 ng	575921	Naphthalene-d8	11.061

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	59
2			Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	53
3			Nonane, 5-butyl-	184	C13H28	017312-63-9	53
4			Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	53
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051084.D
Acq On : 17 Nov 2021 2:43
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Misc :
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Instrument :
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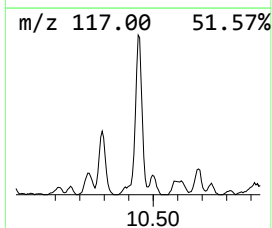
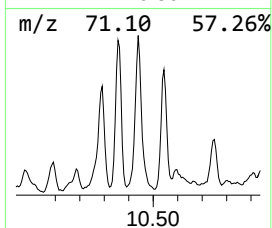
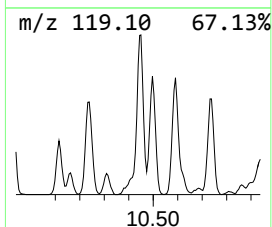
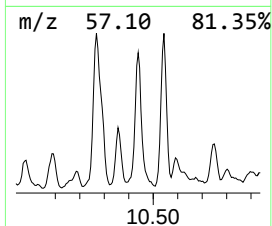
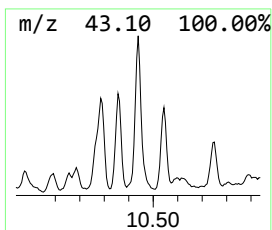
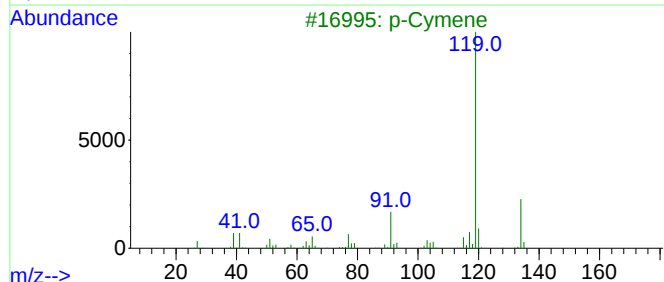
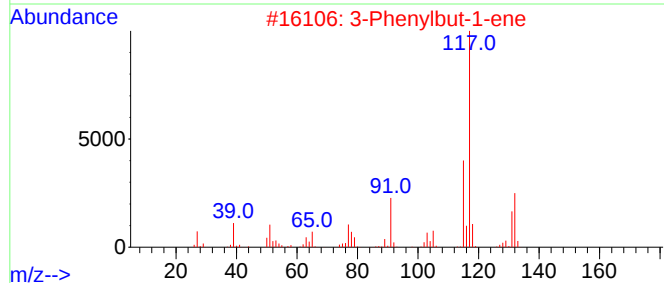
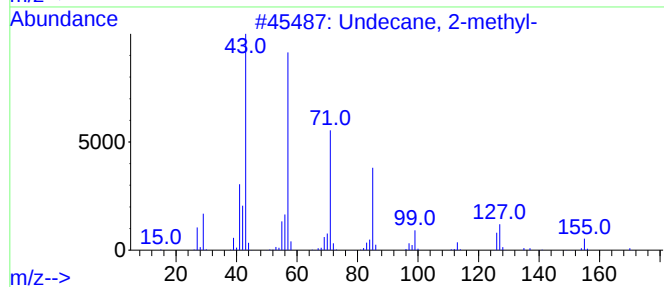
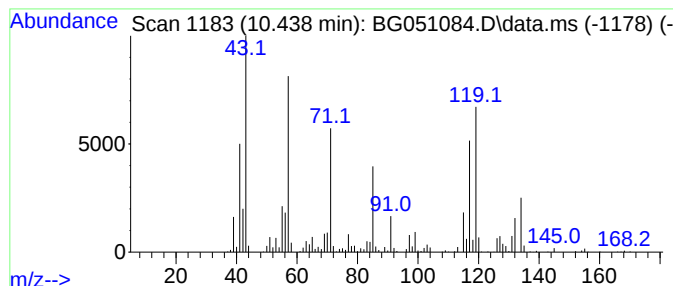
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown10.438 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.438	116.56 ng	1210950	Naphthalene-d8	11.061

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-		170	C12H26		007045-71-8	45
2	3-Phenylbut-1-ene		132	C10H12		000934-10-1	25
3	p-Cymene		134	C10H14		000099-87-6	25
4	Benzene, 1-methyl-3-(1-methyleth...		134	C10H14		000535-77-3	25
5	o-Cymene		134	C10H14		000527-84-4	15



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051084.D
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Sample : M4619-01 2X
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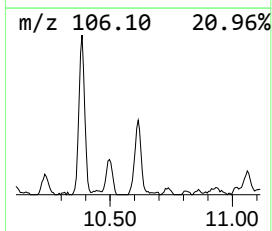
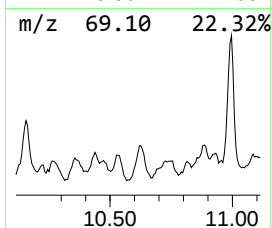
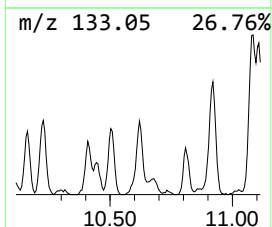
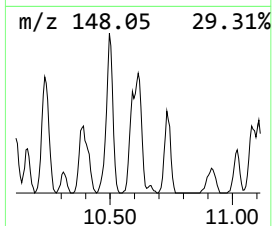
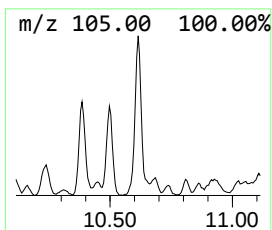
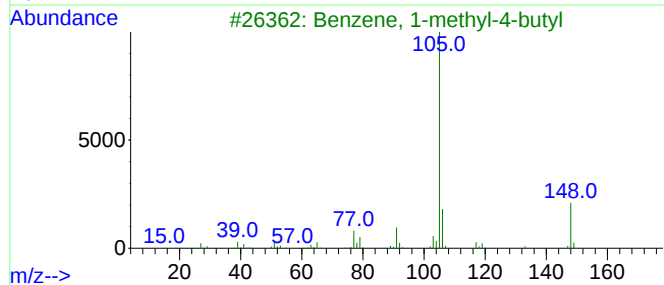
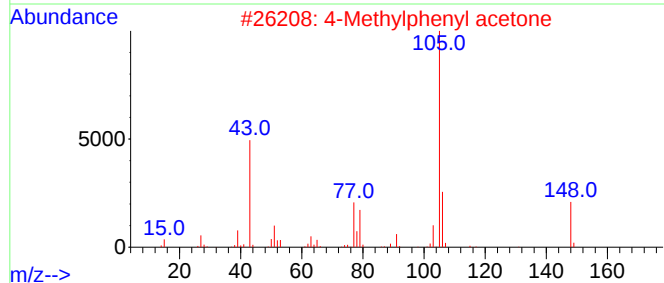
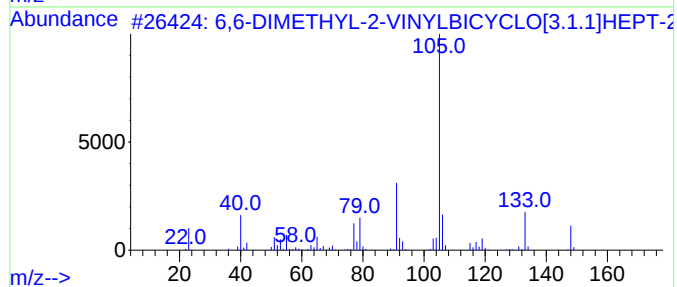
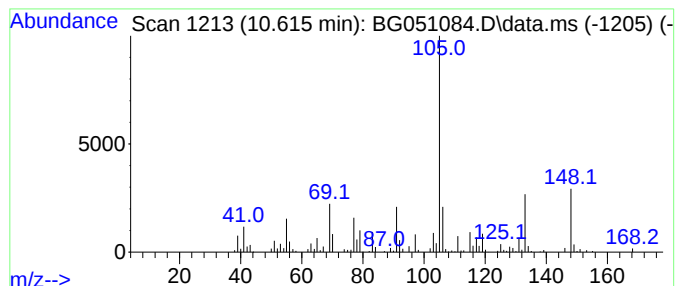
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 6,6-DIMETHYL-2-VINYLBICYCLO... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.615	50.84 ng	528167	Naphthalene-d8	11.061	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,6-DIMETHYL-2-VINYLBICYCLO[3.1....	148	C11H16	000473-00-7	83
2	4-Methylphenyl acetone	148	C10H12O	002096-86-8	55
3	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	53
4	2-Methylindan-2-ol	148	C10H12O	033223-84-6	46
5	2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
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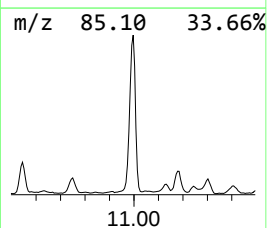
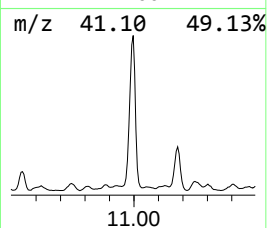
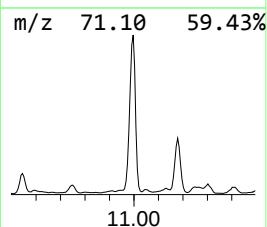
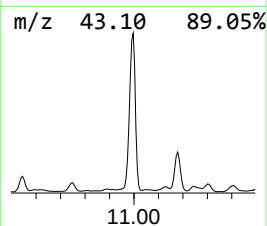
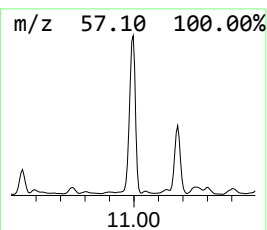
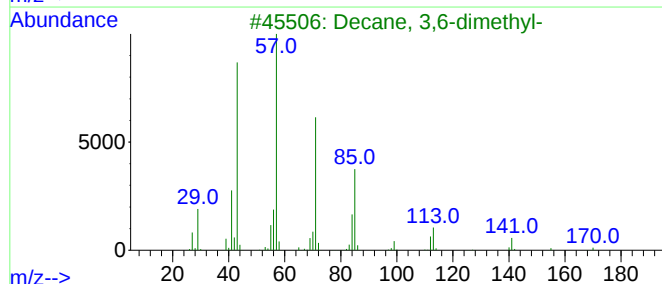
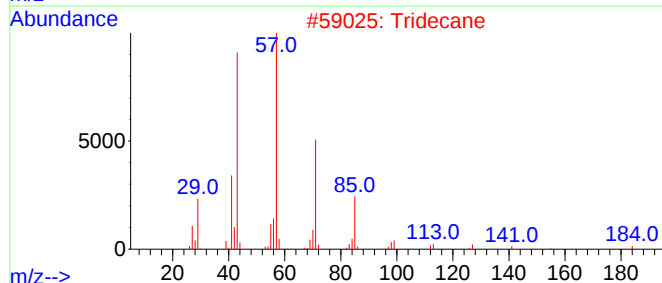
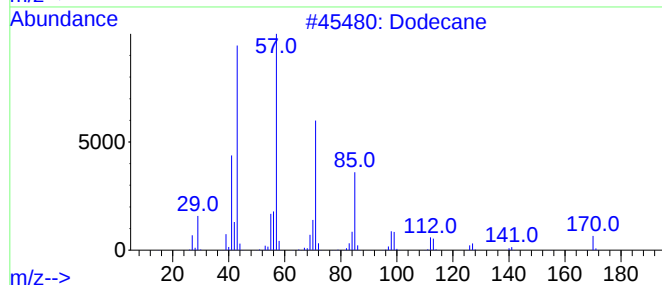
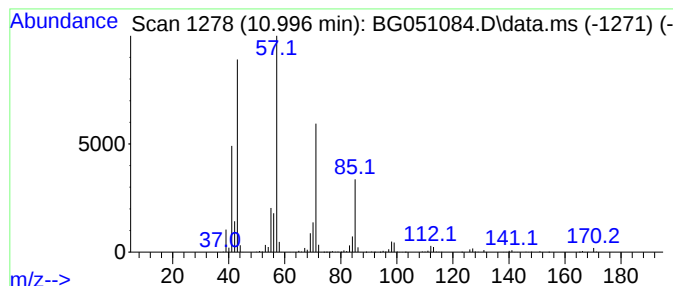
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.996	353.36 ng	3671130	Naphthalene-d8	11.061

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	86
2			Tridecane	184	C13H28	000629-50-5	86
3			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	86
4			Hexadecane	226	C16H34	000544-76-3	83
5			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051084.D
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ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
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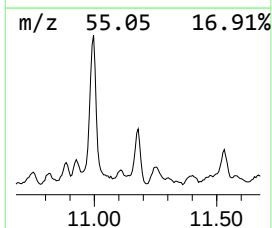
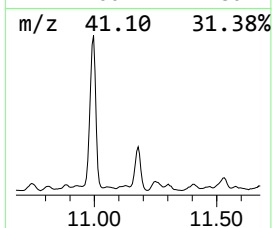
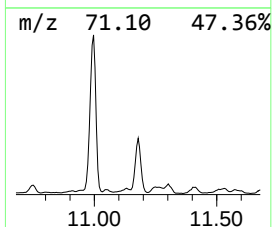
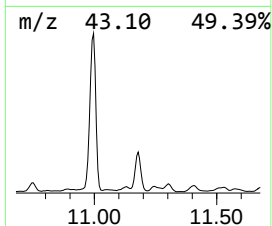
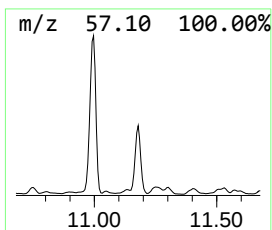
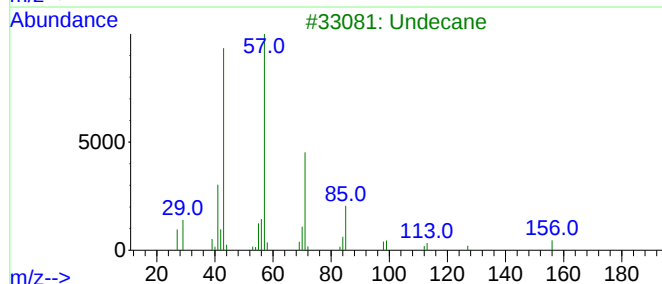
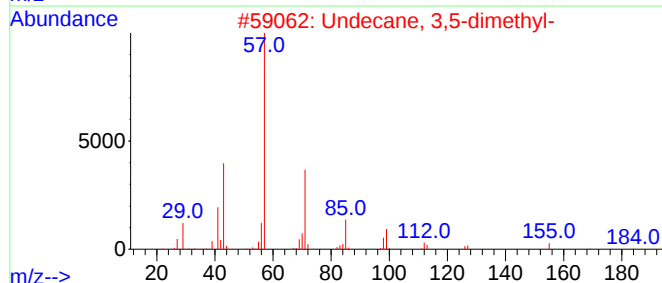
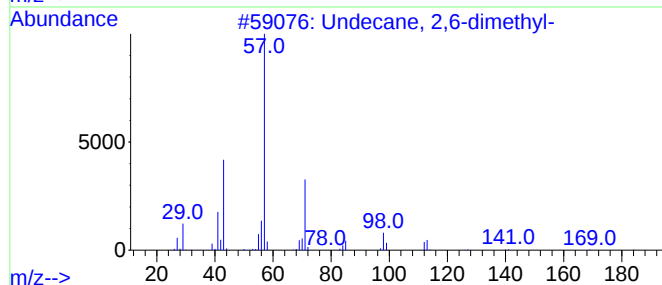
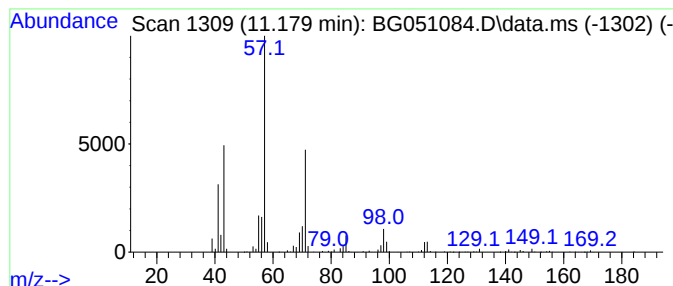
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Undecane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.179	148.43 ng	1542120	Naphthalene-d8	11.061

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	86
3			Undecane	156	C11H24	001120-21-4	64
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
5			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051084.D
Acq On : 17 Nov 2021 2:43
Operator : CG/JU
Sample : M4619-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

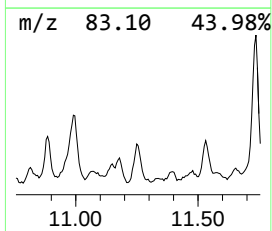
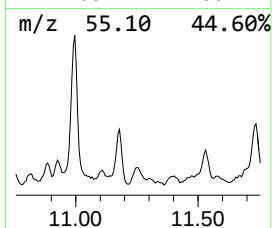
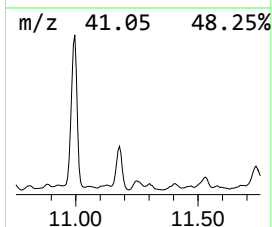
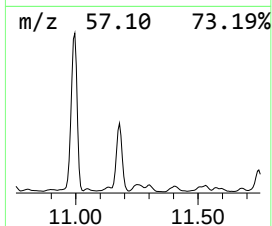
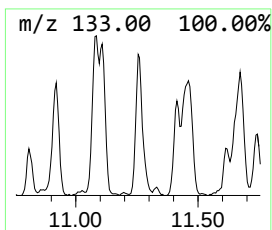
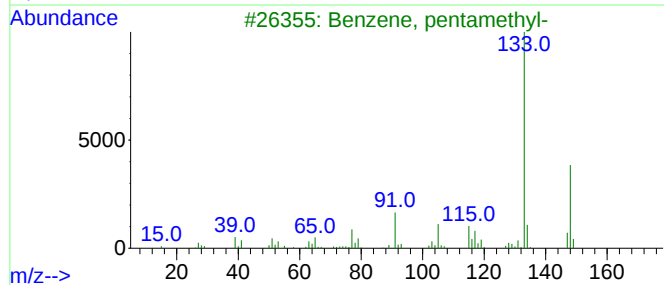
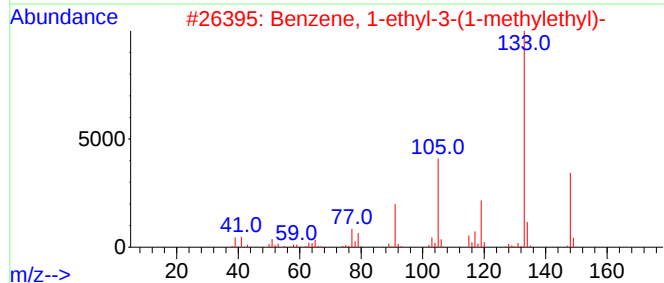
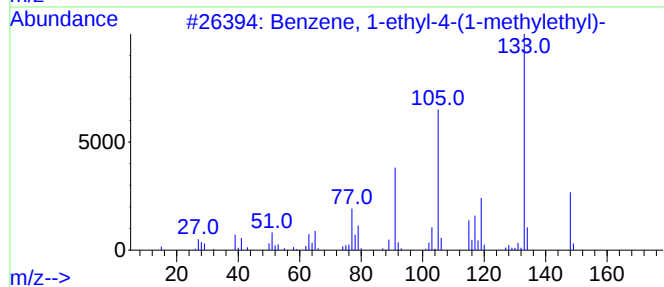
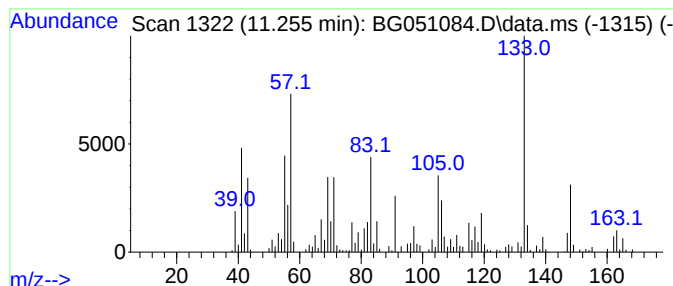
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.255	54.16 ng	562674	Naphthalene-d8	11.061	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	64
2	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	64
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	60
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	60
5	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051084.D
Acq On : 17 Nov 2021 2:43
Operator : CG/JU
Sample : M4619-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

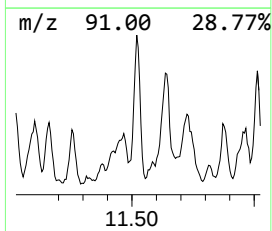
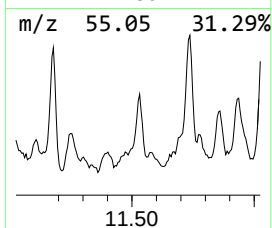
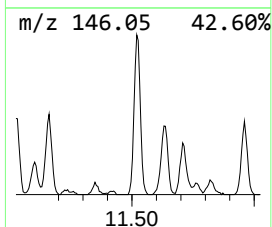
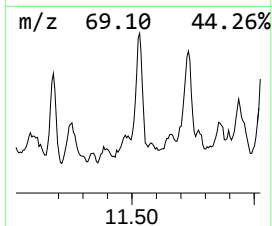
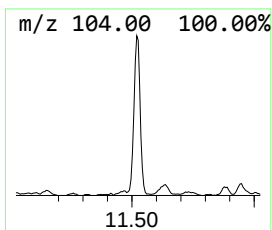
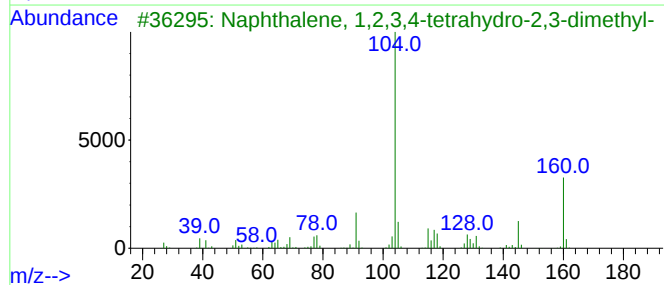
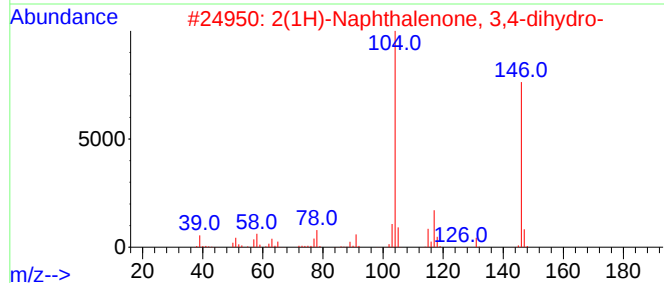
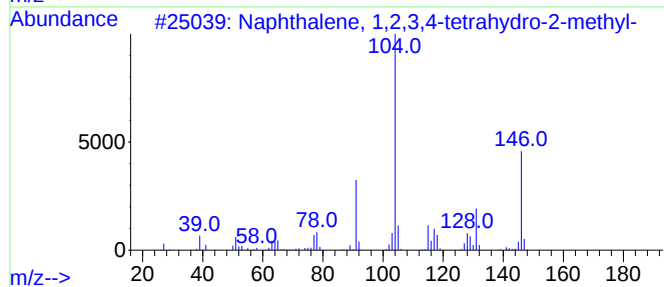
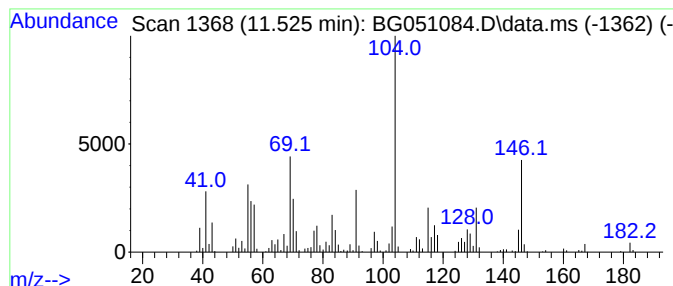
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.525	69.03 ng	717224	Naphthalene-d8		11.061	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
2		2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	50
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	43
4		Pyrazolo[1,5-a]pyridine, 2,3-dim...	146	C9H10N2	028537-56-6	38
5		2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051084.D
Acq On : 17 Nov 2021 2:43
Operator : CG/JU
Sample : M4619-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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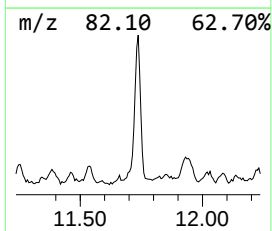
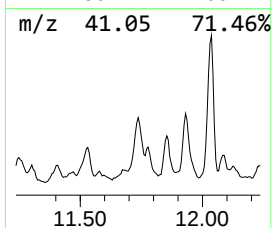
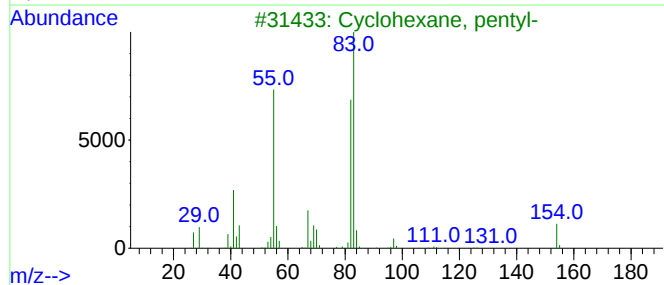
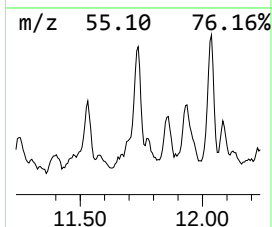
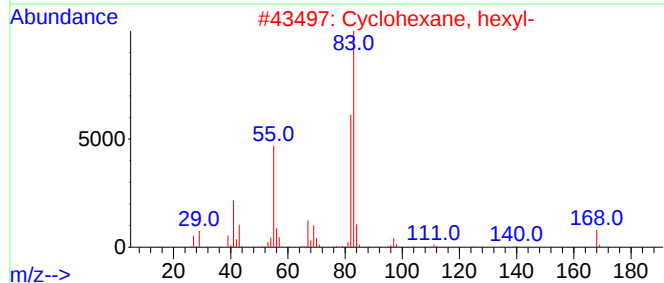
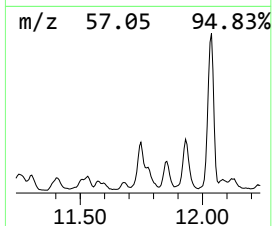
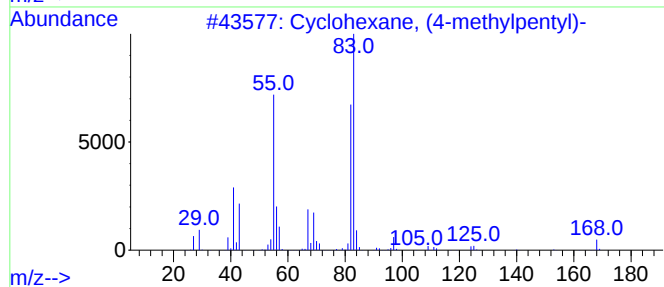
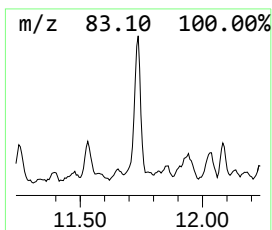
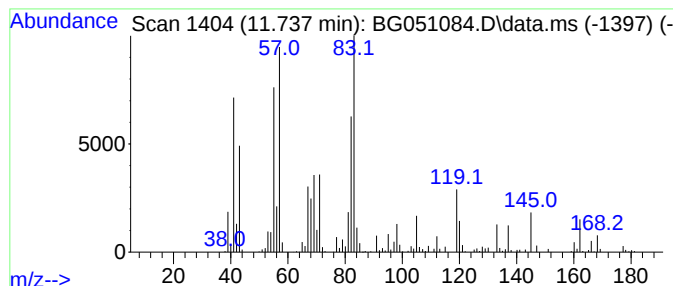
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown11.737 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.737	79.76 ng	828671	Naphthalene-d8	11.061

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	49
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	49
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	47
4		Cyclohexane, undecyl-	238	C17H34	054105-66-7	47
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051084.D
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Operator : CG/JU
Sample : M4619-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

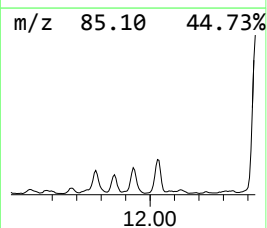
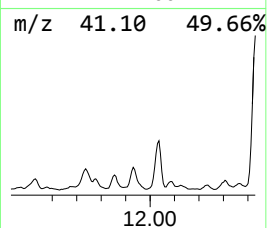
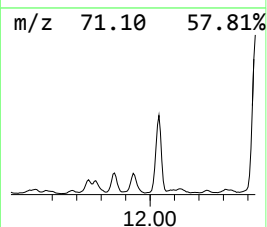
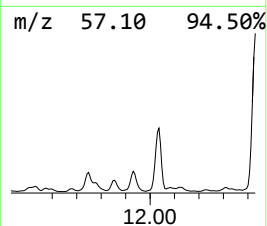
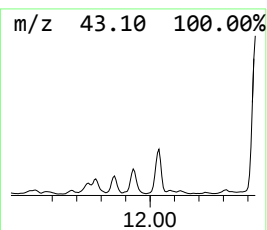
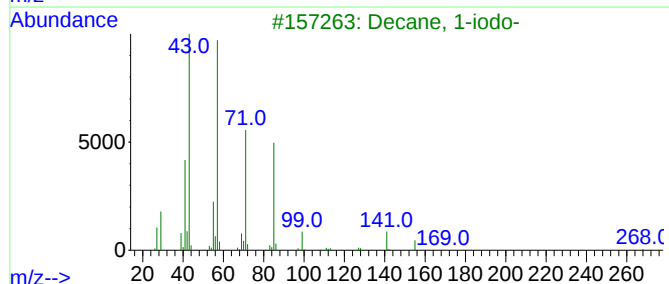
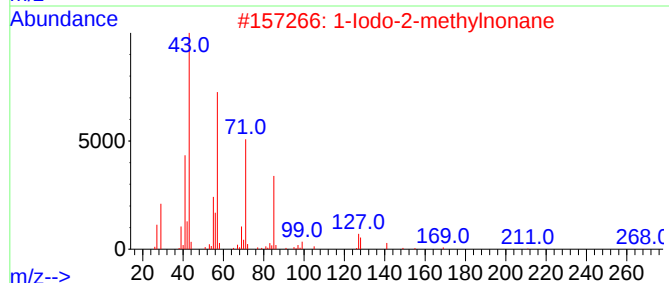
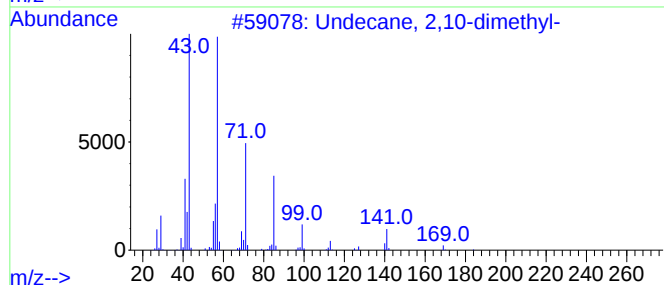
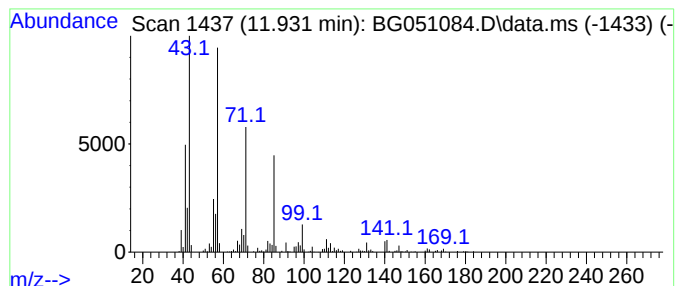
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Undecane, 2,10-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.931	80.29 ng	834188	Naphthalene-d8	11.061	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	87
2	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64
3	Decane, 1-iodo-	268	C10H21I	002050-77-3	59
4	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	50
5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051084.D
Acq On : 17 Nov 2021 2:43
Operator : CG/JU
Sample : M4619-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-01-111021

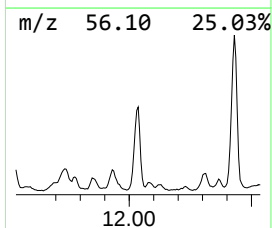
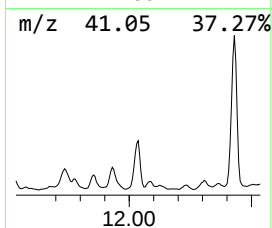
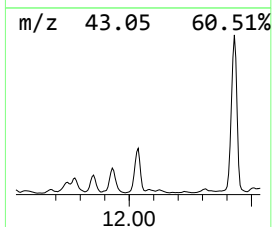
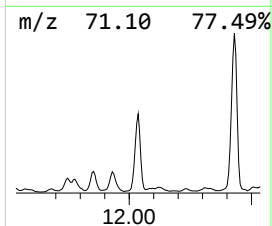
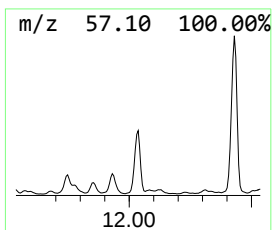
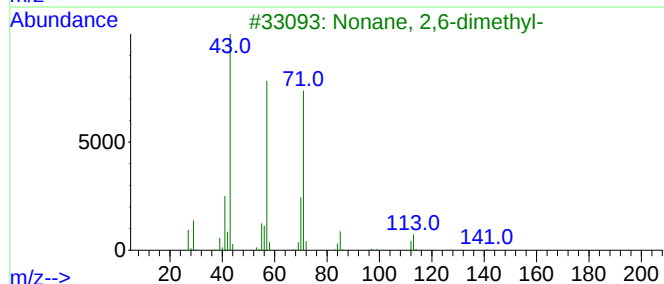
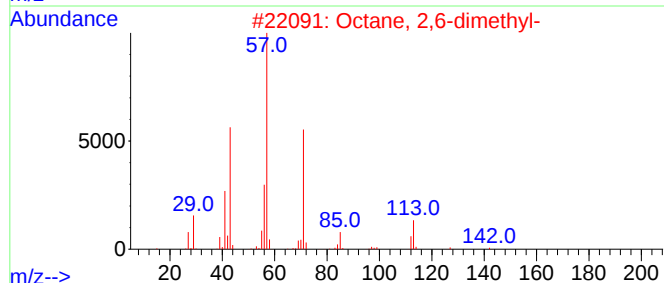
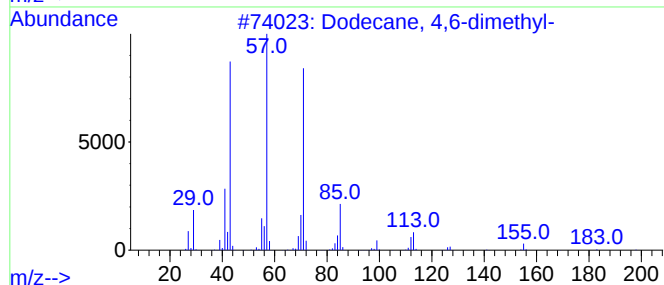
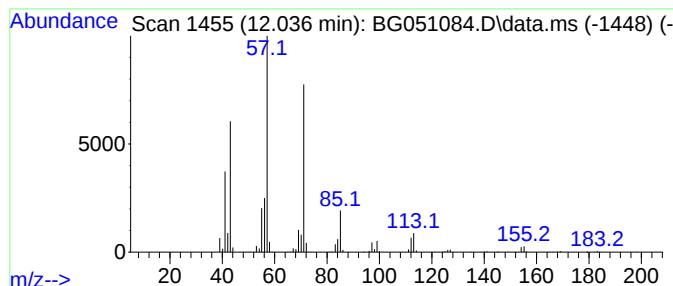
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Dodecane, 4,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.036	133.96 ng	1391770	Naphthalene-d8	11.061

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	91
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
3		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	80
4		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64
5		Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051084.D
Acq On : 17 Nov 2021 2:43
Operator : CG/JU
Sample : M4619-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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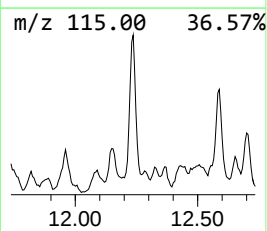
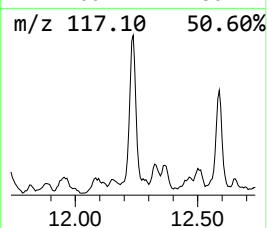
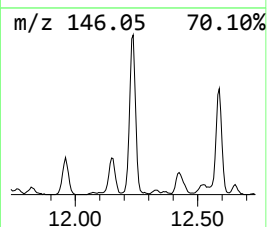
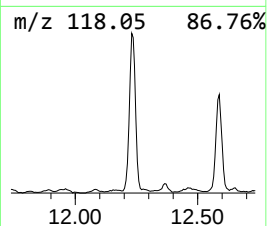
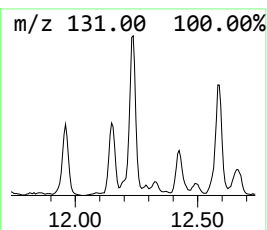
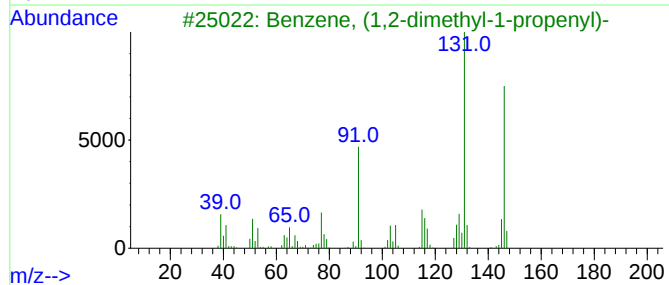
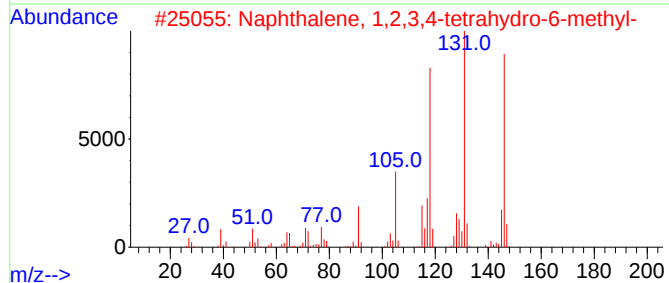
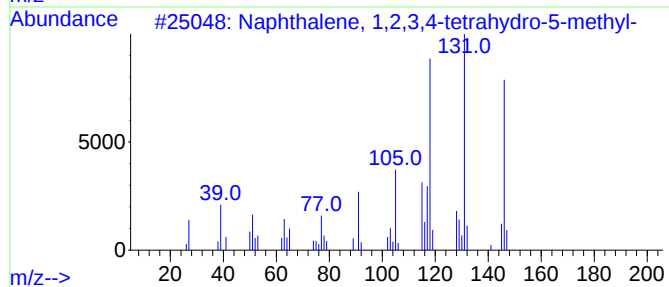
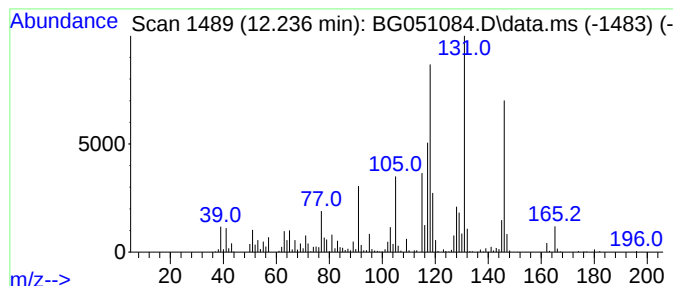
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.236	81.33 ng	844940	Naphthalene-d8	11.061

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	89
4			Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	62
5			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051084.D
Acq On : 17 Nov 2021 2:43
Operator : CG/JU
Sample : M4619-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-01-111021

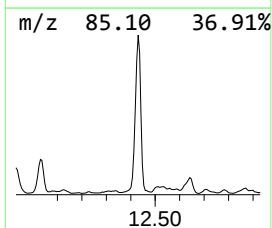
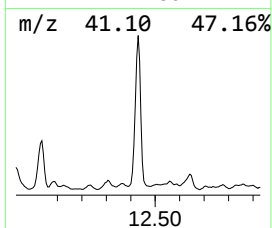
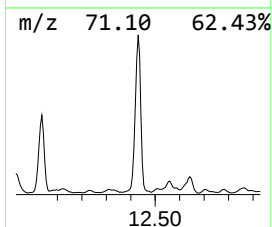
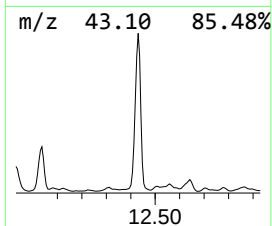
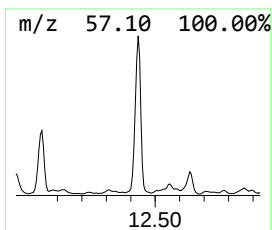
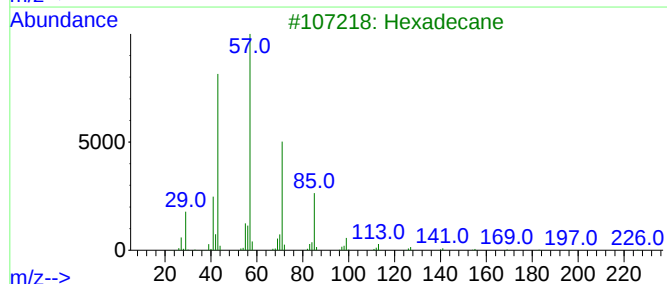
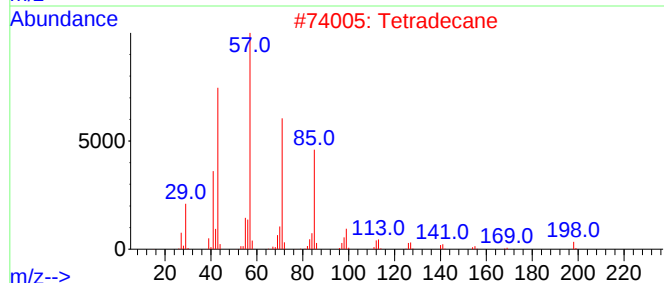
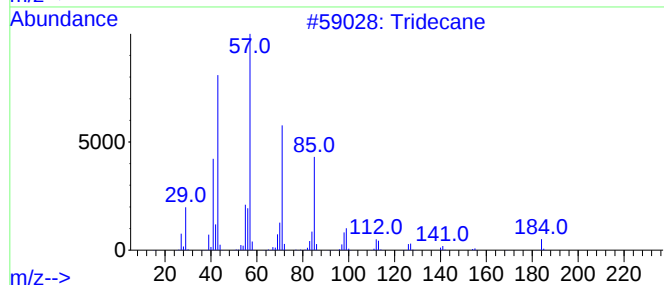
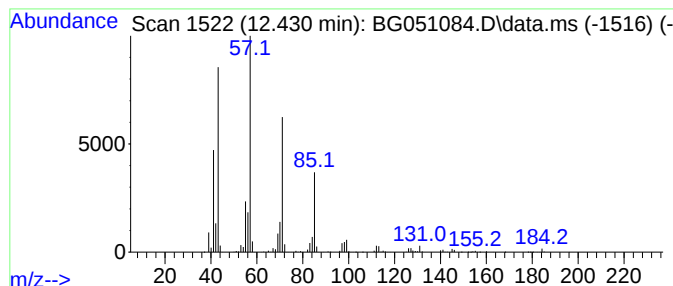
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.430	382.71 ng	3976140	Naphthalene-d8	11.061

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	95
2		Tetradecane	198	C14H30	000629-59-4	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051084.D
Acq On : 17 Nov 2021 2:43
Operator : CG/JU
Sample : M4619-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-01-111021

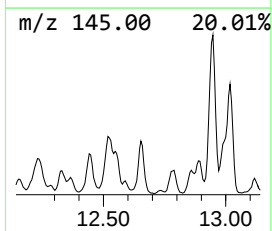
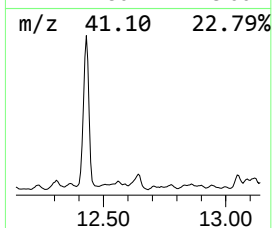
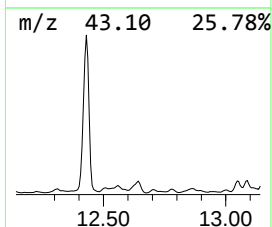
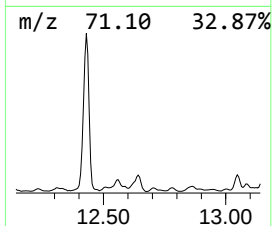
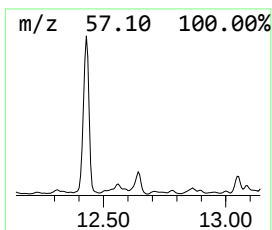
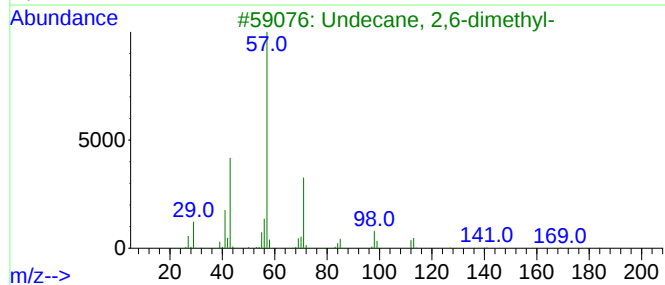
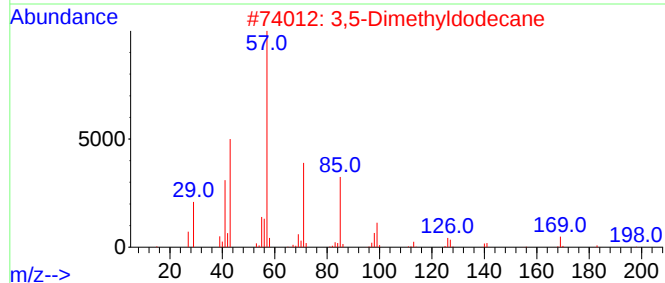
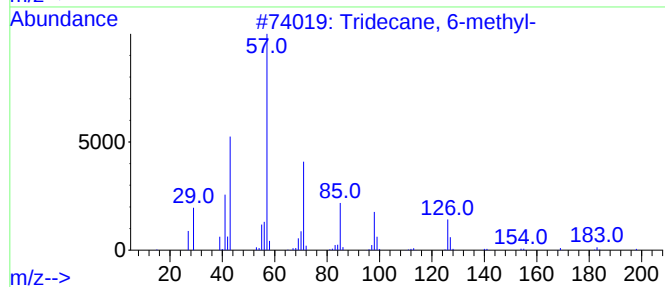
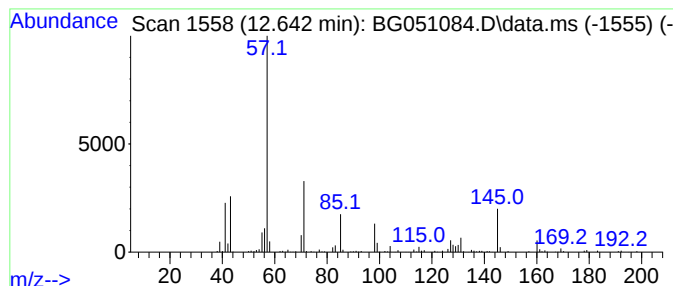
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Tridecane, 6-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.642	49.45 ng	513730	Naphthalene-d8	11.061

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 6-methyl-	198	C14H30	013287-21-3	55
2		3,5-Dimethyldodecane	198	C14H30	107770-99-0	43
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	43
4		Pentadecane, 6-methyl-	226	C16H34	010105-38-1	43
5		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051084.D
Acq On : 17 Nov 2021 2:43
Operator : CG/JU
Sample : M4619-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-01-111021

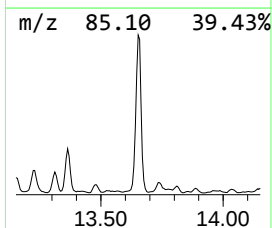
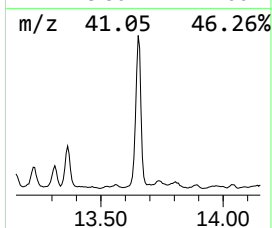
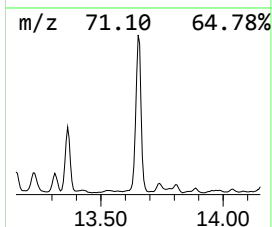
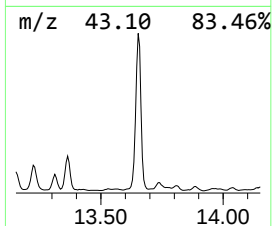
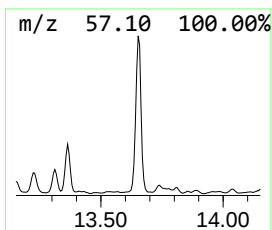
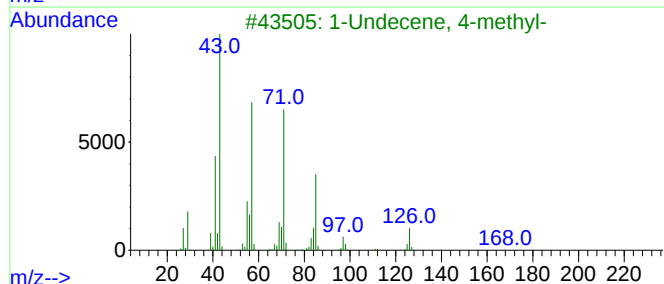
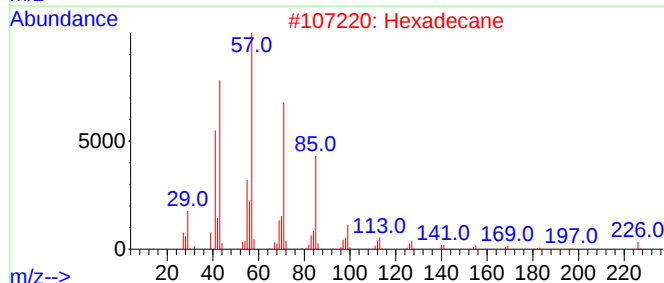
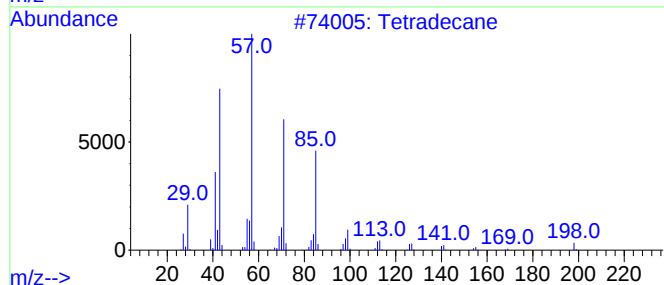
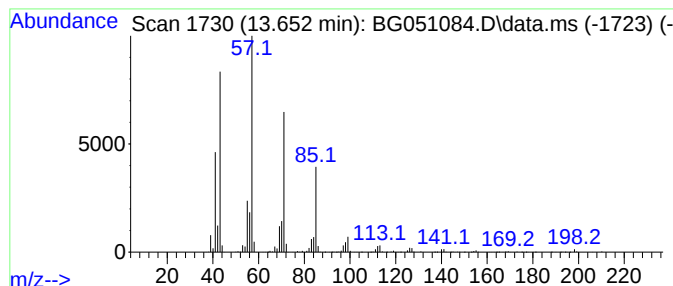
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.652	145.25 ng	3535720	Acenaphthene-d10	14.863

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	91
3		1-Undecene, 4-methyl-	168	C12H24	074630-39-0	72
4		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64
5		Tridecane, 7-methyl-	198	C14H30	026730-14-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051084.D
Acq On : 17 Nov 2021 2:43
Operator : CG/JU
Sample : M4619-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-01-111021

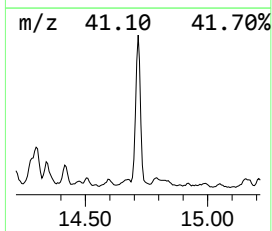
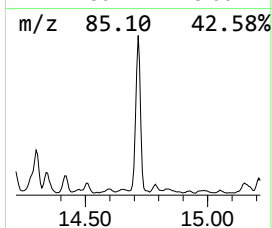
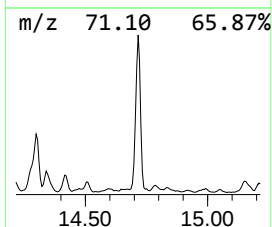
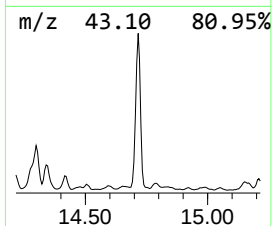
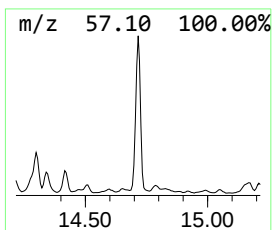
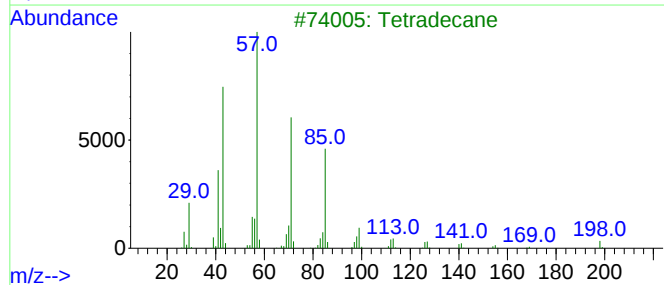
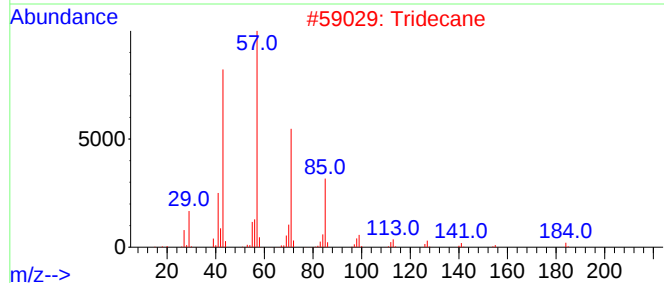
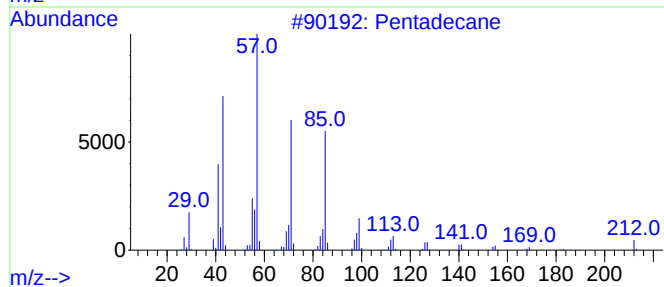
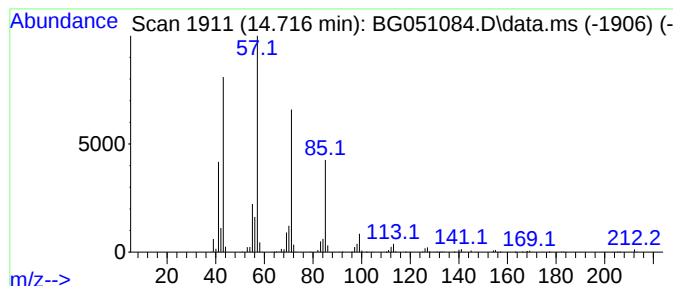
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.716	84.41 ng	2054860	Acenaphthene-d10	14.863

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	90
2		Tridecane	184	C13H28	000629-50-5	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
5		Tridecane, 7-propyl-	226	C16H34	055045-09-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051084.D
Acq On : 17 Nov 2021 2:43
Operator : CG/JU
Sample : M4619-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-01-111021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Decane, 3,7-dim...	9.857	49.9	ng	518189	2	11.061	207787	20.0
Cyclopentane, 1...	10.156	54.4	ng	565142	2	11.061	207787	20.0
Benzene, 1,3-di...	10.227	48.5	ng	504365	2	11.061	207787	20.0
Undecane, 5-met...	10.286	65.5	ng	679933	2	11.061	207787	20.0
Sulfurous acid,...	10.356	55.4	ng	575921	2	11.061	207787	20.0
unknown10.438	10.438	116.6	ng	1210950	2	11.061	207787	20.0
6,6-DIMETHYL-2-...	10.615	50.8	ng	528167	2	11.061	207787	20.0
Dodecane	10.996	353.4	ng	3671130	2	11.061	207787	20.0
Undecane, 2,6-d...	11.179	148.4	ng	1542120	2	11.061	207787	20.0
Benzene, 1-ethy...	11.255	54.2	ng	562674	2	11.061	207787	20.0
Naphthalene, 1,...	11.525	69.0	ng	717224	2	11.061	207787	20.0
unknown11.737	11.737	79.8	ng	828671	2	11.061	207787	20.0
Undecane, 2,10-...	11.931	80.3	ng	834188	2	11.061	207787	20.0
Dodecane, 4,6-d...	12.036	134.0	ng	1391770	2	11.061	207787	20.0
Naphthalene, 1,...	12.236	81.3	ng	844940	2	11.061	207787	20.0
Tridecane	12.430	382.7	ng	3976140	2	11.061	207787	20.0
Tridecane, 6-me...	12.642	49.5	ng	513730	2	11.061	207787	20.0
Tetradecane	13.652	145.3	ng	3535720	3	14.863	486853	20.0
Pentadecane	14.716	84.4	ng	2054860	3	14.863	486853	20.0