

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
 Data File : BG045301.D
 Acq On : 11 May 2020 18:04
 Operator : CG/JU
 Sample : L2554-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-1

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BG041520.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.544	410	418	434	rBV	576308	1018721	32.77%	1.563%
2	7.142	683	690	698	rBV	623736	1136674	36.56%	1.744%
3	7.612	765	770	778	rBV3	83649	170894	5.50%	0.262%
4	7.976	826	832	838	rBV	241273	424641	13.66%	0.652%
5	8.299	875	887	901	rVB	565455	1114263	35.84%	1.710%
6	8.757	957	965	969	rBV3	66152	128649	4.14%	0.197%
7	9.092	1014	1022	1024	rBV	97779	186789	6.01%	0.287%
8	9.133	1024	1029	1037	rVV	428876	861255	27.70%	1.321%
9	9.221	1038	1044	1050	rVV	459064	742221	23.87%	1.139%
10	9.350	1054	1066	1071	rBV5	90541	259192	8.34%	0.398%
11	9.480	1082	1088	1096	rVB8	53860	140618	4.52%	0.216%
12	9.638	1108	1115	1118	rVV4	61265	163889	5.27%	0.251%
13	9.673	1118	1121	1125	rVV	82541	171082	5.50%	0.263%
14	9.709	1125	1127	1133	rVV3	98701	146937	4.73%	0.225%
15	9.879	1147	1156	1159	rBV3	82461	168765	5.43%	0.259%
16	9.926	1159	1164	1168	rVB3	101678	160895	5.18%	0.247%
17	9.979	1168	1173	1179	rBV5	103777	223997	7.21%	0.344%
18	10.049	1179	1185	1186	rBV2	93881	159425	5.13%	0.245%
19	10.073	1187	1189	1194	rVB3	162004	210220	6.76%	0.323%
20	10.143	1195	1201	1205	rBV2	231146	397425	12.78%	0.610%
21	10.184	1205	1208	1211	rBV3	97341	135502	4.36%	0.208%
22	10.226	1211	1215	1218	rBV2	118440	162020	5.21%	0.249%
23	10.331	1227	1233	1237	rBV2	154667	293386	9.44%	0.450%
24	10.372	1237	1240	1244	rVV2	97708	177237	5.70%	0.272%
25	10.419	1244	1248	1255	rVB2	160323	288870	9.29%	0.443%
26	10.496	1255	1261	1265	rBV	100009	178040	5.73%	0.273%
27	10.578	1270	1275	1280	rVB4	92421	172921	5.56%	0.265%
28	10.701	1291	1296	1300	rVV5	136915	309335	9.95%	0.475%
29	10.772	1300	1308	1315	rVV2	1490281	2936072	94.44%	4.505%
30	10.837	1315	1319	1327	rVV4	148431	485365	15.61%	0.745%
31	10.913	1328	1332	1336	rVV3	164522	369815	11.90%	0.567%
32	10.960	1336	1340	1345	rVV	386329	631332	20.31%	0.969%
33	11.019	1345	1350	1358	rVV6	132495	323359	10.40%	0.496%
34	11.089	1358	1362	1368	rVB6	80644	136032	4.38%	0.209%

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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.207	1373	1382	1387	rBV9	132669	371307	11.94%	0.570%
36	11.260	1387	1391	1394	rBV	129270	193390	6.22%	0.297%
37	11.371	1405	1410	1414	rBV3	120916	220142	7.08%	0.338%
38	11.459	1420	1425	1427	rBV2	129929	224269	7.21%	0.344%
39	11.500	1428	1432	1437	rVV4	321795	660349	21.24%	1.013%
40	11.565	1440	1443	1450	rVB3	223705	360938	11.61%	0.554%
41	11.641	1450	1456	1461	rBV3	411417	728700	23.44%	1.118%
42	11.712	1462	1468	1475	rBV3	439031	968354	31.15%	1.486%
43	11.771	1475	1478	1482	rVB3	92222	129072	4.15%	0.198%
44	11.823	1482	1487	1496	rBV4	523082	1218974	39.21%	1.870%
45	11.900	1497	1500	1506	rVB3	163366	302263	9.72%	0.464%
46	11.982	1508	1514	1522	rVV3	630858	1162779	37.40%	1.784%
47	12.223	1548	1555	1567	rBV	1785376	3108863	100.00%	4.770%
48	12.335	1570	1574	1581	rVV2	339250	757443	24.36%	1.162%
49	12.440	1585	1592	1601	rVB7	448545	1106154	35.58%	1.697%
50	12.664	1625	1630	1632	rBV4	191671	331788	10.67%	0.509%
51	12.699	1632	1636	1641	rVV	695388	1184134	38.09%	1.817%
52	12.752	1641	1645	1648	rVB3	140476	200613	6.45%	0.308%
53	12.846	1658	1661	1666	rVB3	239636	342950	11.03%	0.526%
54	12.893	1666	1669	1676	rVB5	232692	481287	15.48%	0.738%
55	12.957	1676	1680	1687	rBV5	335012	714685	22.99%	1.097%
56	13.116	1702	1707	1713	rBV4	362021	738023	23.74%	1.132%
57	13.175	1713	1717	1722	rVV3	793260	1179835	37.95%	1.810%
58	13.245	1722	1729	1740	rVV	1123781	2146352	69.04%	3.293%
59	13.333	1740	1744	1749	rVB4	219181	346754	11.15%	0.532%
60	13.457	1759	1765	1772	rBV	1810086	2948178	94.83%	4.524%
61	13.562	1778	1783	1789	rVV2	439014	896405	28.83%	1.375%
62	13.621	1789	1793	1797	rVB3	268153	378175	12.16%	0.580%
63	13.780	1815	1820	1828	rBV8	287790	687136	22.10%	1.054%
64	13.903	1837	1841	1843	rBV4	270644	415714	13.37%	0.638%
65	13.991	1852	1856	1860	rVB5	288312	473242	15.22%	0.726%
66	14.085	1869	1872	1874	rBV2	213800	252473	8.12%	0.387%
67	14.114	1875	1877	1881	rVV2	362523	522731	16.81%	0.802%
68	14.156	1881	1884	1889	rVB3	299895	378602	12.18%	0.581%
69	14.532	1942	1948	1953	rBV	1598089	2176574	70.01%	3.340%
70	14.620	1956	1963	1970	rVV4	530405	1172420	37.71%	1.799%
71	14.990	2019	2026	2030	rBV8	204216	501737	16.14%	0.770%

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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

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72	15.031	2030	2033	2039	rVB4	198094	327447	10.53%	0.502%
73	15.090	2040	2043	2047	rBV2	114467	168575	5.42%	0.259%
74	15.148	2050	2053	2061	rVB5	325090	610396	19.63%	0.937%
75	15.219	2062	2065	2067	rBV	110302	135362	4.35%	0.208%
76	15.354	2085	2088	2091	rBV5	69921	121357	3.90%	0.186%
77	15.483	2105	2110	2114	rVB	1207111	1635616	52.61%	2.510%
78	15.583	2123	2127	2132	rVB5	120791	221198	7.12%	0.339%
79	15.718	2145	2150	2155	rBV5	107882	249648	8.03%	0.383%
80	15.889	2175	2179	2184	rVB	404048	634048	20.39%	0.973%
81	16.035	2201	2204	2210	rBV4	135806	249825	8.04%	0.383%
82	16.106	2211	2216	2225	rVB3	964984	1613370	51.90%	2.475%
83	16.341	2252	2256	2259	rBV	1093627	1525399	49.07%	2.341%
84	17.134	2387	2391	2396	rBV	931895	1236996	39.79%	1.898%
85	17.193	2396	2401	2411	rVB	371844	705793	22.70%	1.083%
86	17.369	2426	2431	2438	rBV	559627	920491	29.61%	1.412%
87	17.610	2469	2472	2477	rVB2	99082	116615	3.75%	0.179%
88	17.674	2480	2483	2489	rVB5	94452	144145	4.64%	0.221%
89	17.798	2500	2504	2509	rVB3	111053	172540	5.55%	0.265%
90	17.874	2512	2517	2523	rVB	860238	1095386	35.23%	1.681%
91	18.567	2630	2635	2640	rVB	702458	905872	29.14%	1.390%
92	19.025	2710	2713	2717	rVB	99288	121257	3.90%	0.186%
93	19.190	2737	2741	2750	rVB	597001	811982	26.12%	1.246%
94	19.772	2836	2840	2845	rVB2	439449	527820	16.98%	0.810%
95	19.983	2870	2876	2883	rVB	2235826	2996240	96.38%	4.597%
96	20.300	2926	2930	2934	rVB	325534	371635	11.95%	0.570%
97	20.794	3010	3014	3018	rBV	197872	221964	7.14%	0.341%
98	21.293	3093	3099	3109	rBV	233070	417653	13.43%	0.641%
99	21.628	3150	3156	3167	rVB	653591	1068763	34.38%	1.640%
100	24.794	3684	3695	3711	rBV2	415483	1277982	41.11%	1.961%

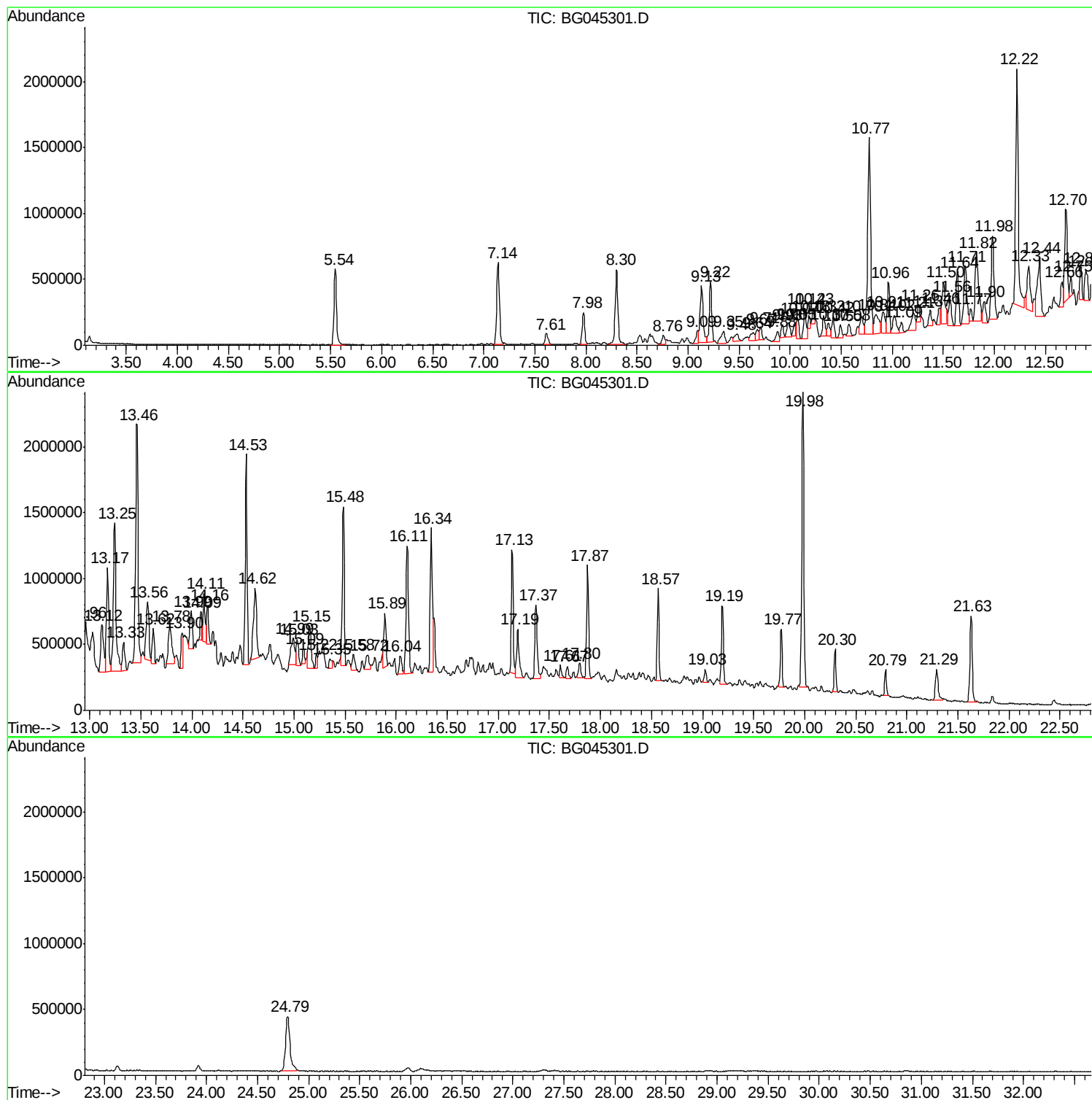
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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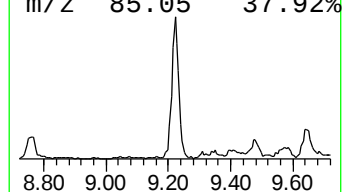
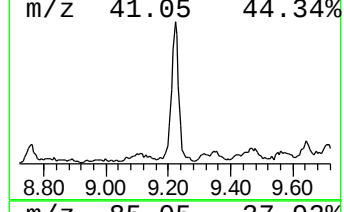
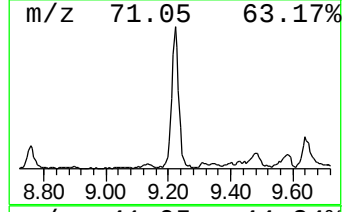
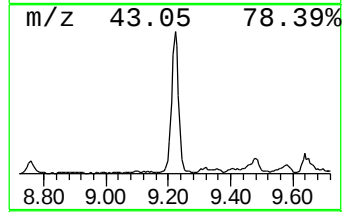
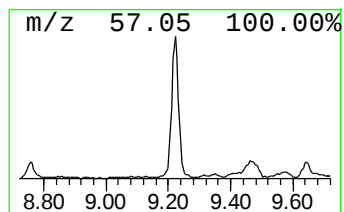
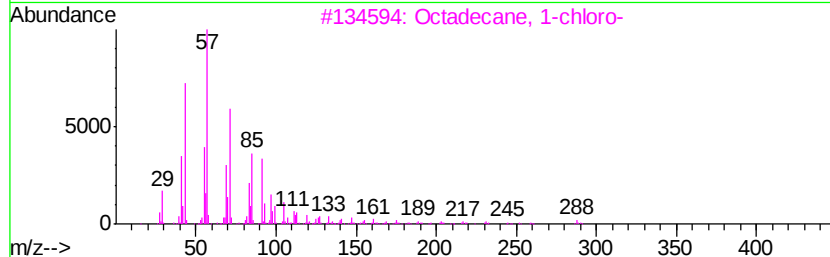
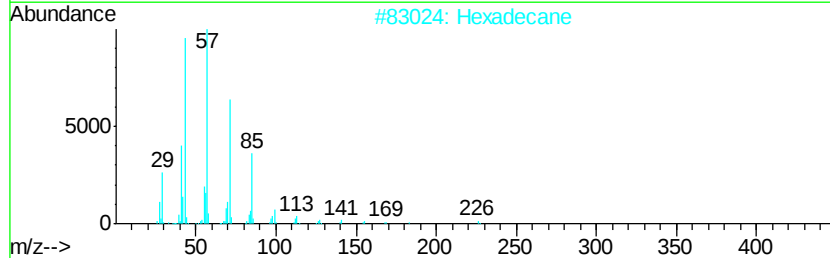
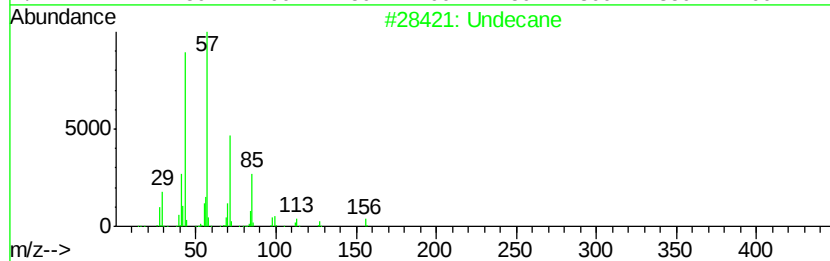
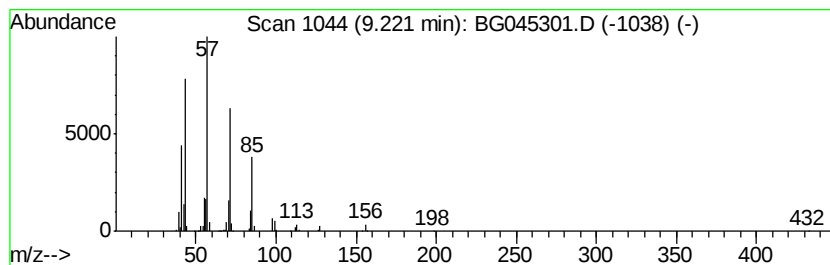
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	34.96 ng	742221	1,4-Dichlorobenzene-d4	7.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	91
2		Hexadecane	226	C16H34	000544-76-3	86
3		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	78
4		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	78
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	74



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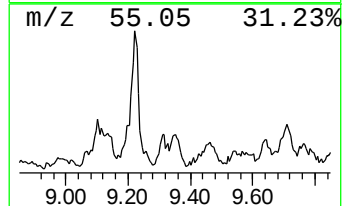
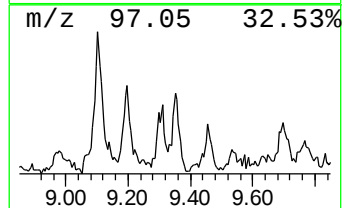
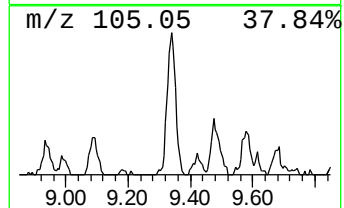
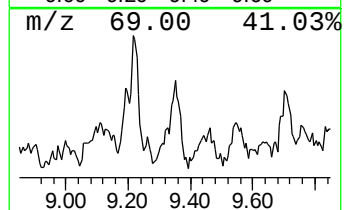
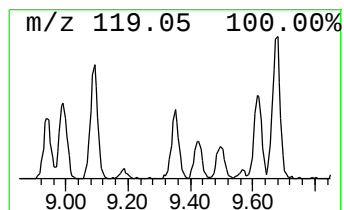
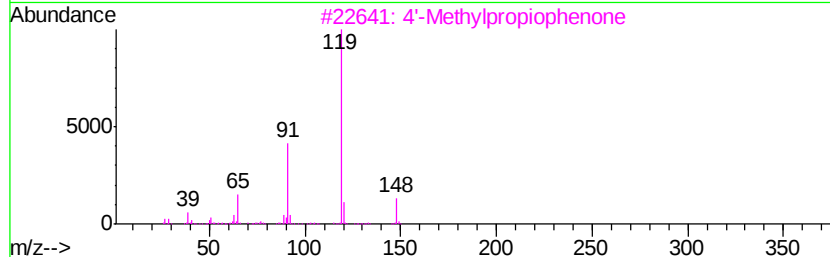
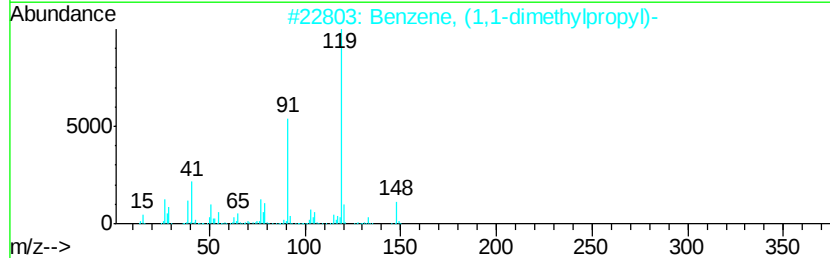
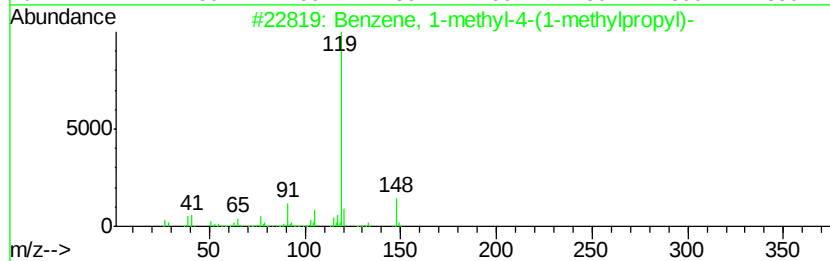
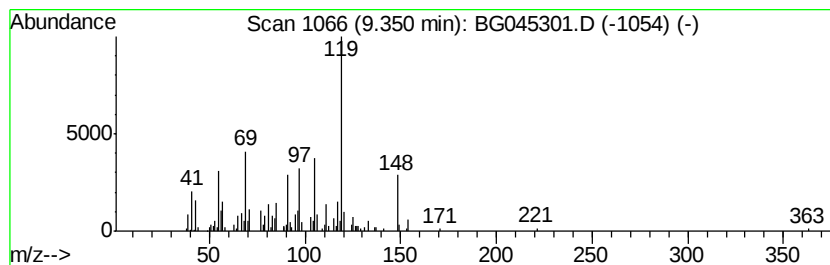
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-methyl-4-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	12.21 ng	259192	1,4-Dichlorobenzene-d4	7.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	53
3		4'-Methylpropiophenone	148	C10H12O	005337-93-9	49
4		3,4-Dihydro-2-quinoxalino	148	C8H8N2O	1000332-36-8	46
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	43



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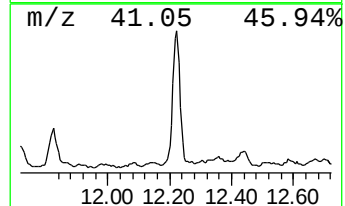
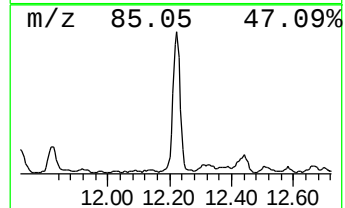
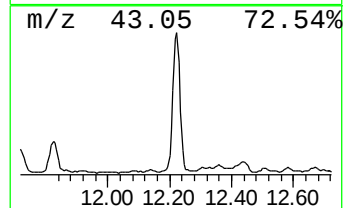
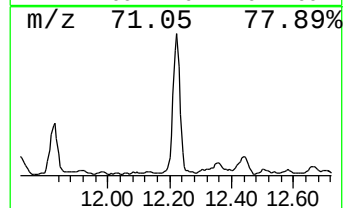
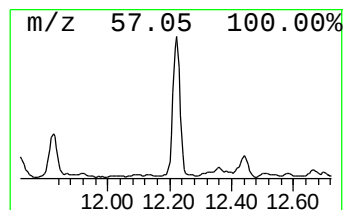
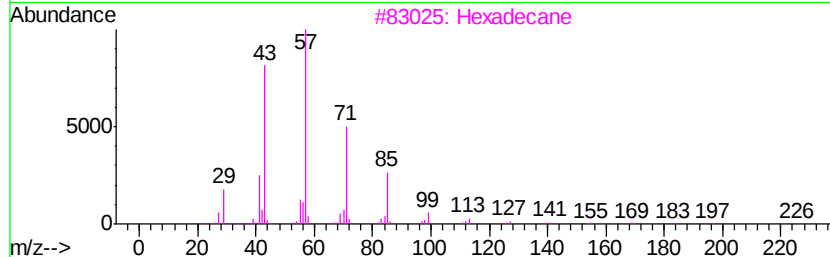
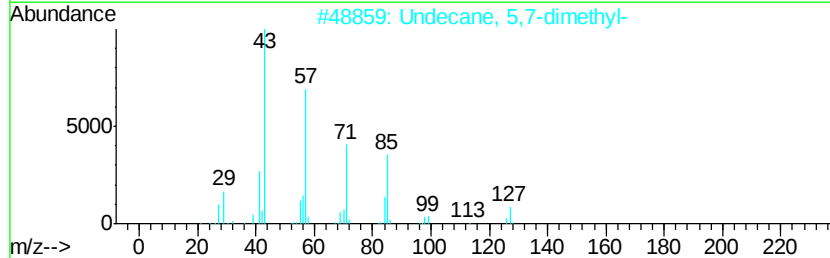
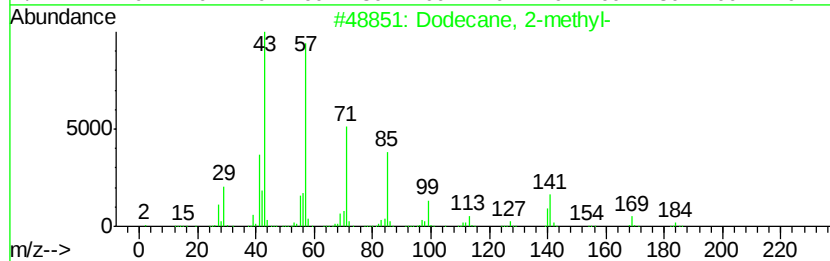
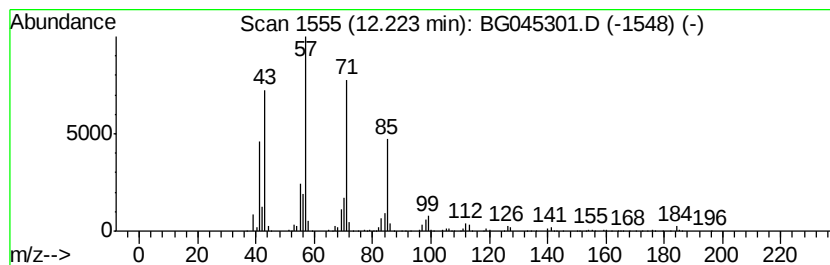
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dodecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	21.18 ng	3108860	Napthalene-d8	10.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
2		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	78
3		Hexadecane	226	C16H34	000544-76-3	72
4		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	72
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72



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Data File : BG045301.D
Acq On : 11 May 2020 18:04
Operator : CG/JU
Sample : L2554-03
Misc :
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ClientSampleId :
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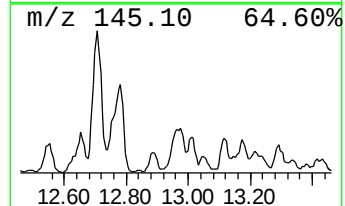
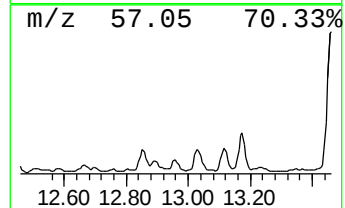
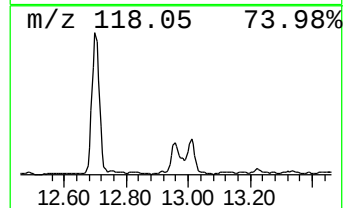
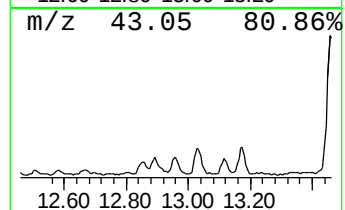
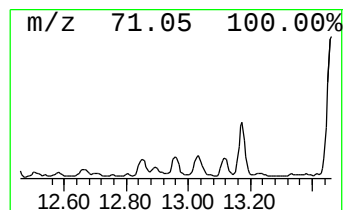
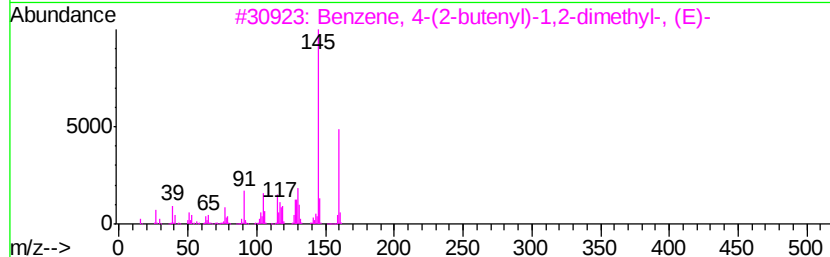
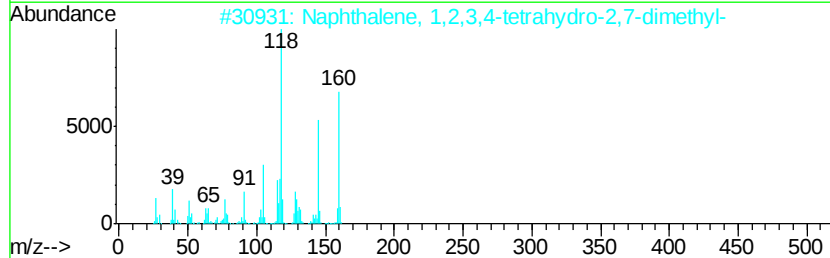
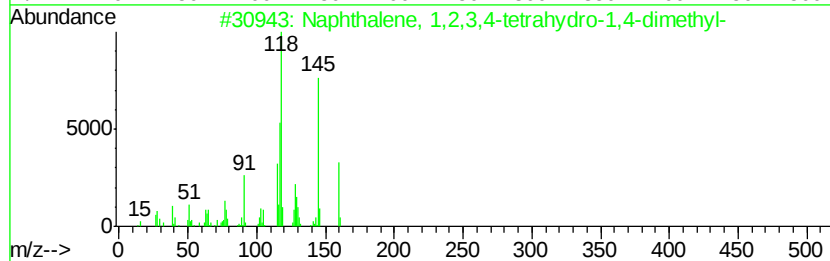
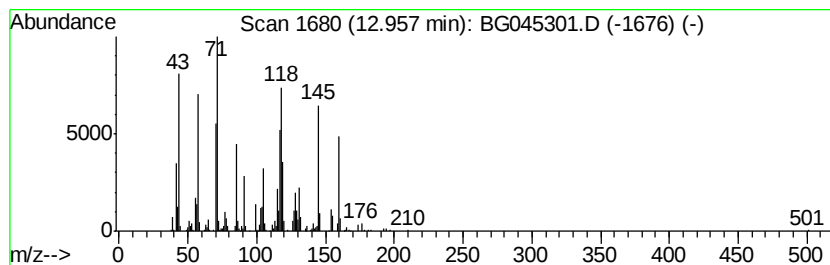
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	12.19 ng	714685	Acenaphthene-d10	14.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	64
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	46
3		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	42
4		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	35
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
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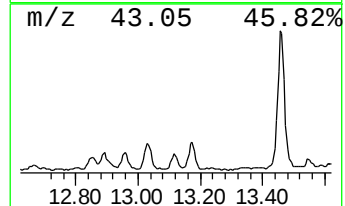
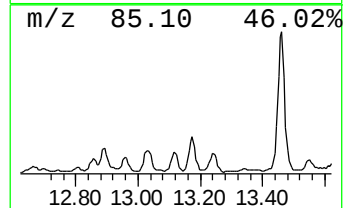
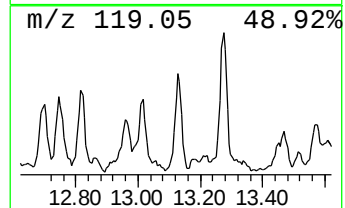
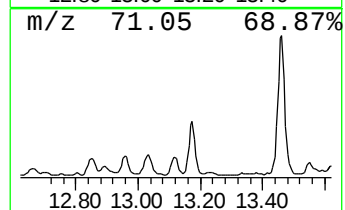
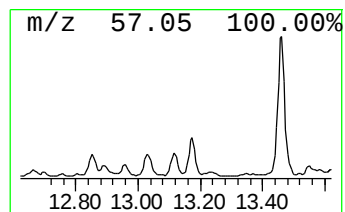
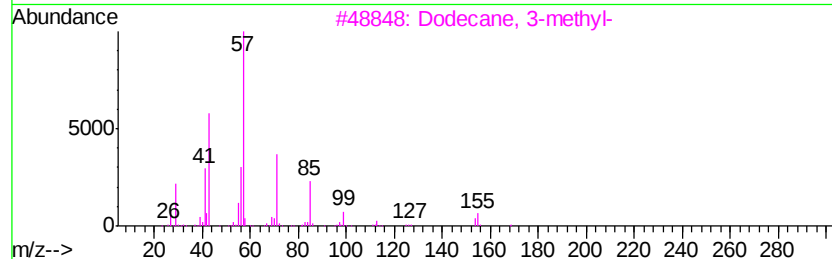
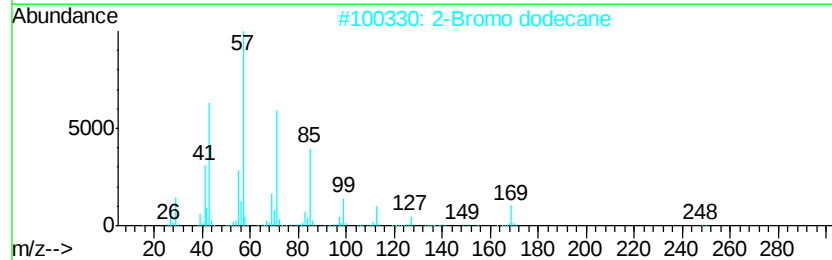
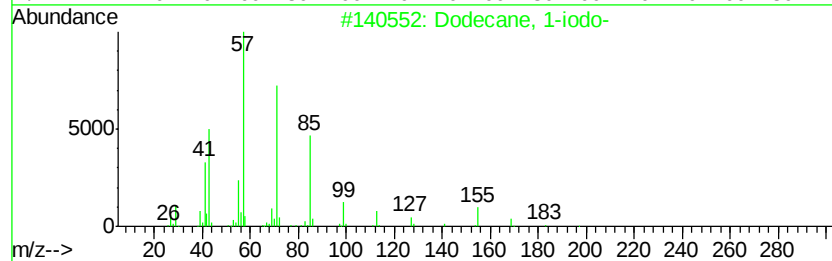
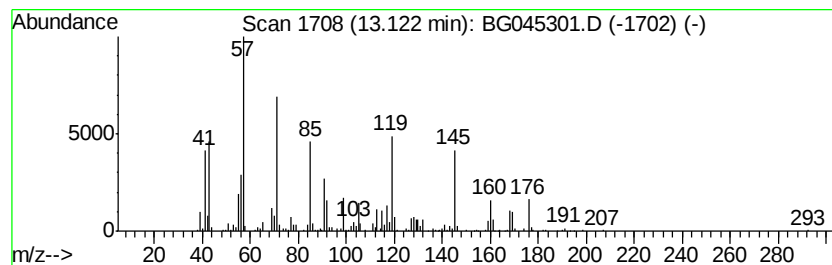
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown13.12 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	12.59 ng	738023	Acenaphthene-d10	14.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	49
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	49
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	47
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	43
5		Dodecane	170	C12H26	000112-40-3	43



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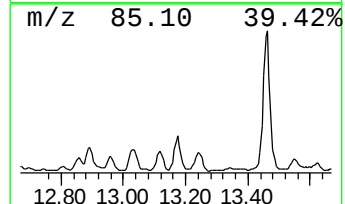
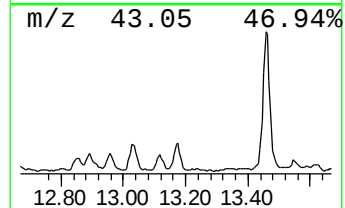
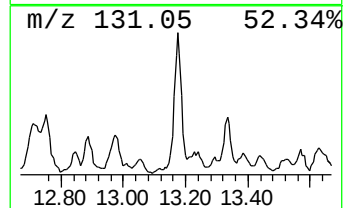
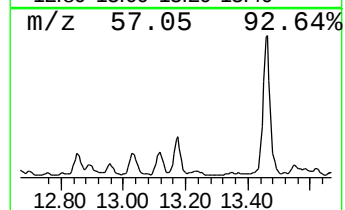
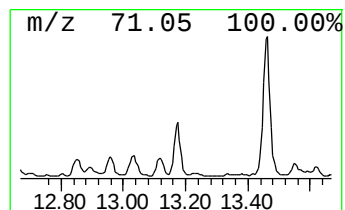
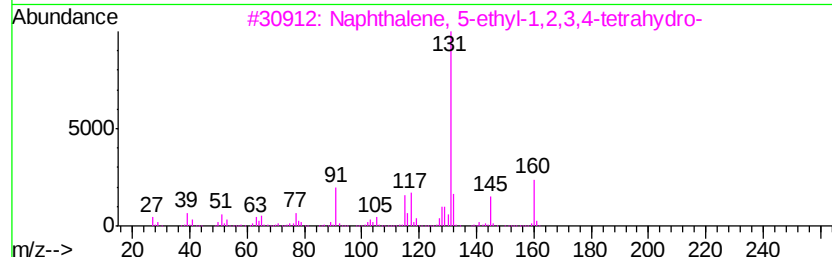
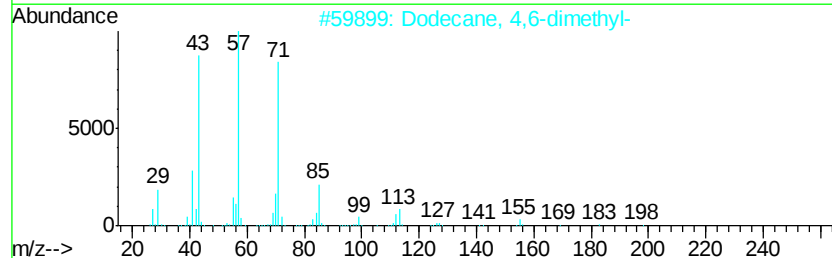
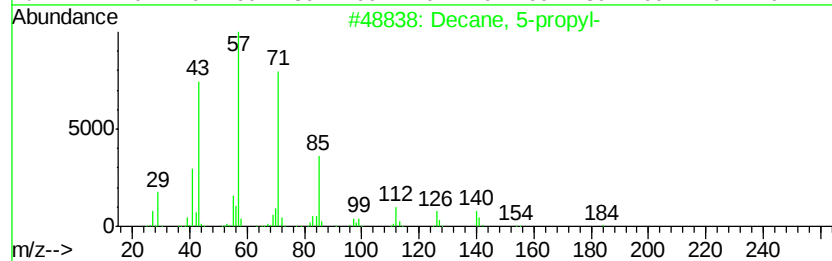
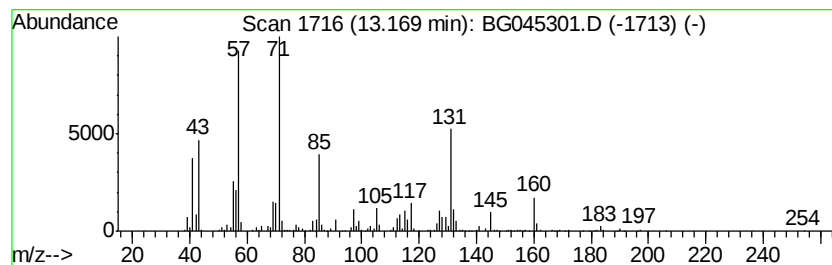
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TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 7 unknown13.17 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	20.13 ng	1179840	Acenaphthene-d10	14.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-propyl-	184	C13H28	017312-62-8	46
2		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	38
3		Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	35
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	30
5		Phenmetrazine	177	C11H15NO	000134-49-6	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
Data File : BG045301.D
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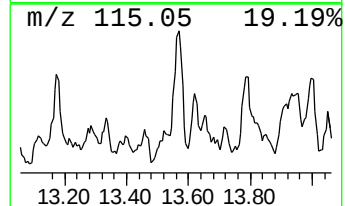
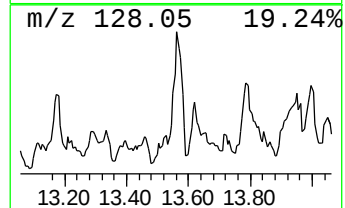
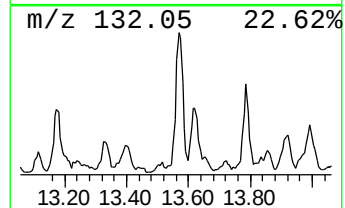
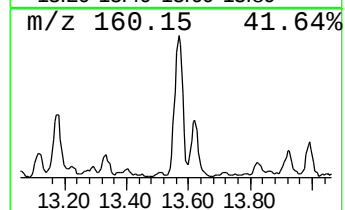
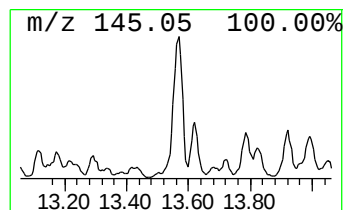
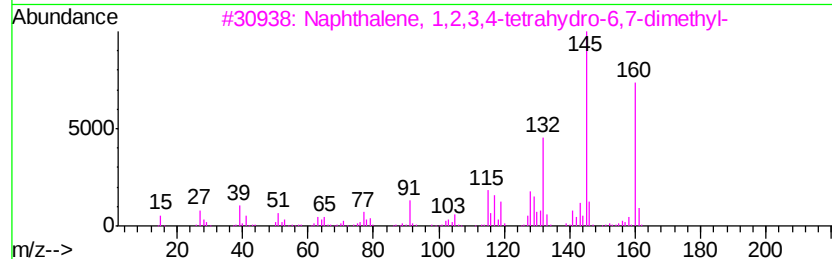
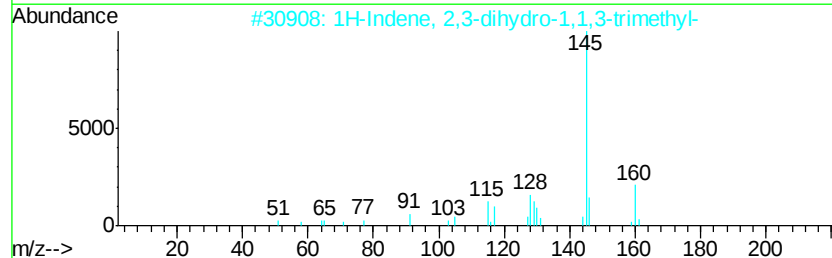
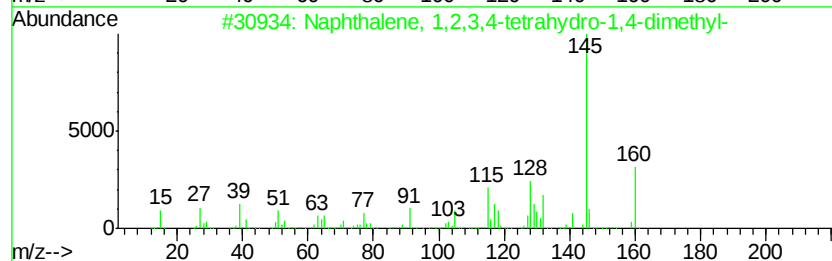
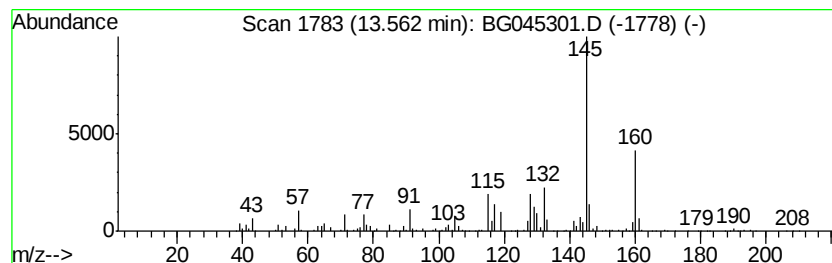
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	15.29 ng	896405	Acenaphthene-d10	14.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
2		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	91
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	91
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	90
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	90



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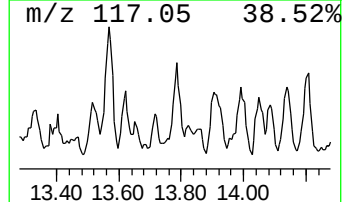
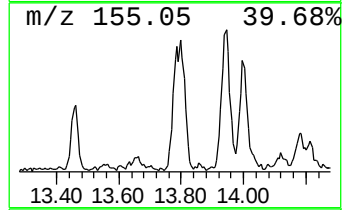
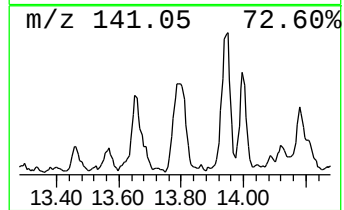
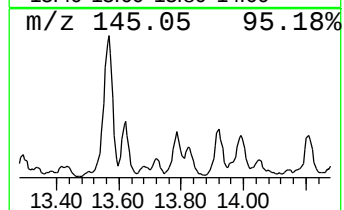
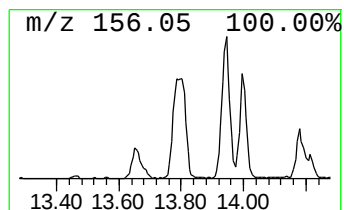
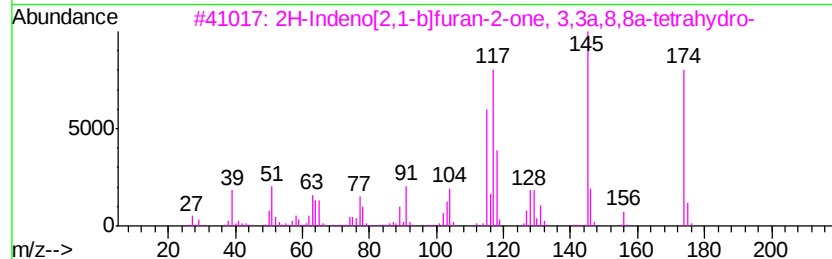
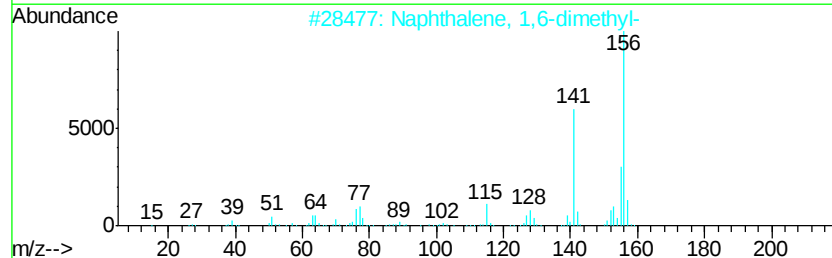
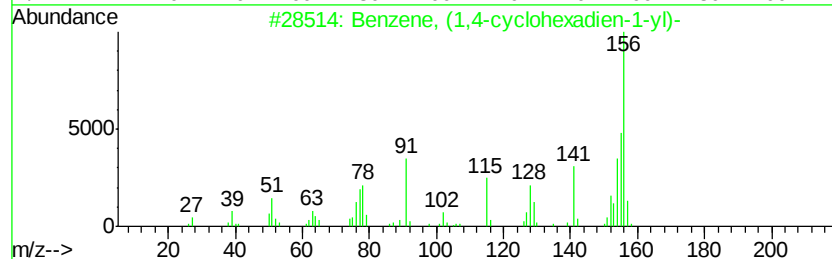
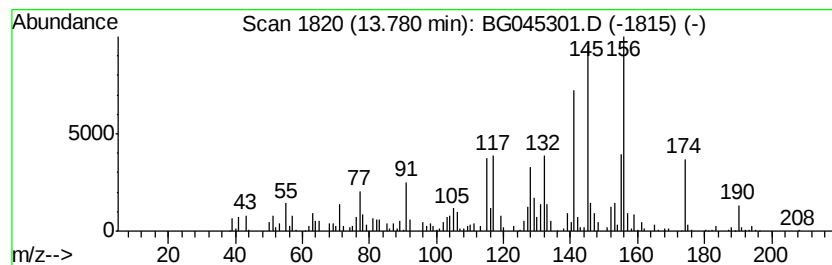
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown13.78 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	11.72 ng	687136	Acenaphthene-d10	14.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,4-cyclohexadien-1-yl)-	156	C12H12	013703-52-1	46
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	42
3		2H-Indeno[2,1-b]furan-2-one, 3,3...	174	C11H10O2	080343-98-2	42
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	42
5		2-Phenyl-1,3-cyclohexadiene	156	C12H12	015619-34-8	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
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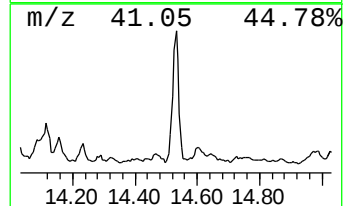
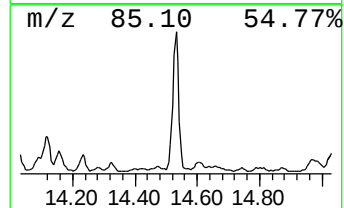
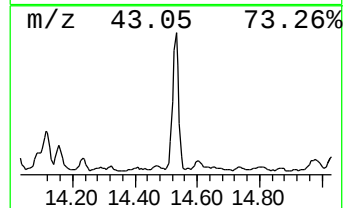
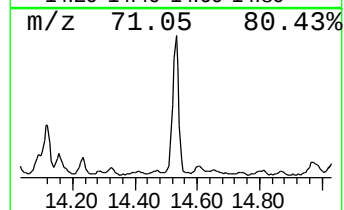
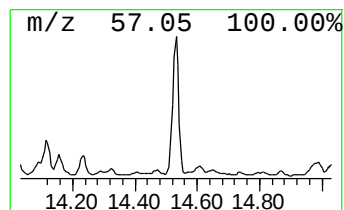
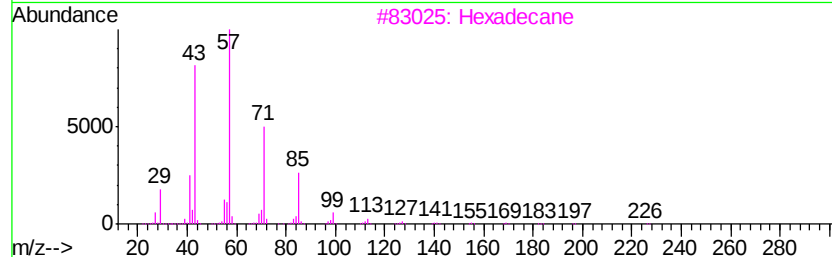
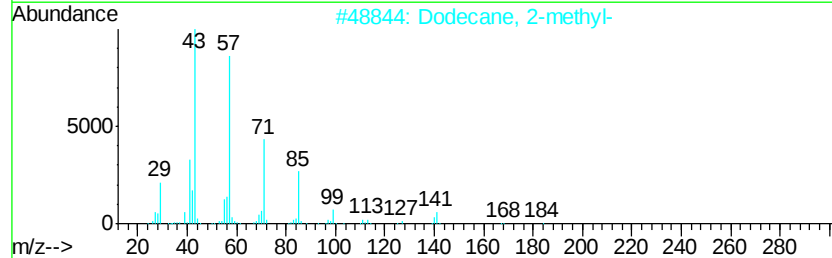
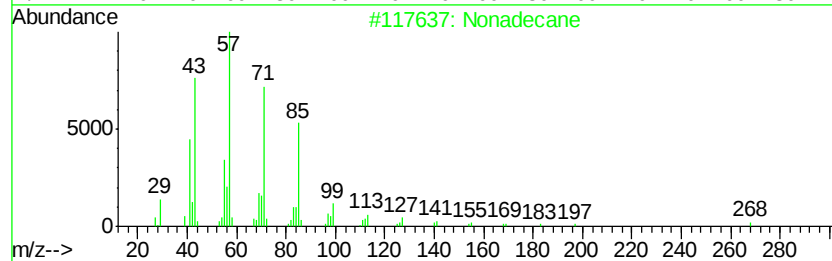
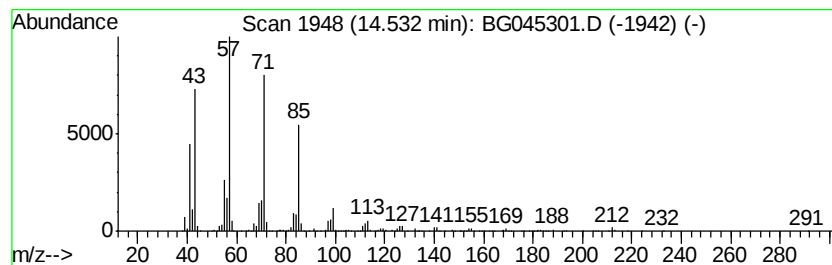
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Nonadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	37.13 ng	2176570	Acenaphthene-d10	14.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
3		Hexadecane	226	C16H34	000544-76-3	80
4		Octacosane	394	C28H58	000630-02-4	80
5		Pentadecane	212	C15H32	000629-62-9	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
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ClientSampleId :
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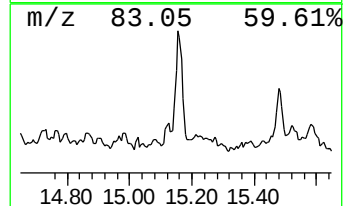
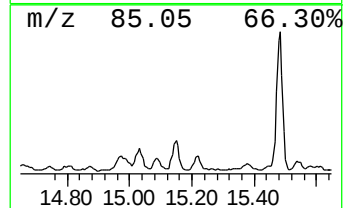
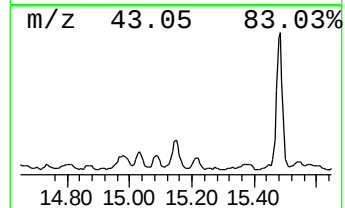
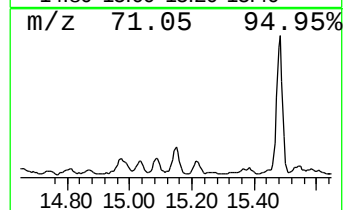
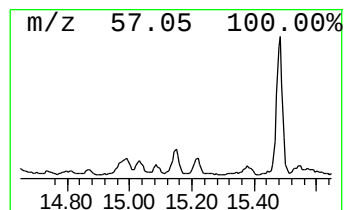
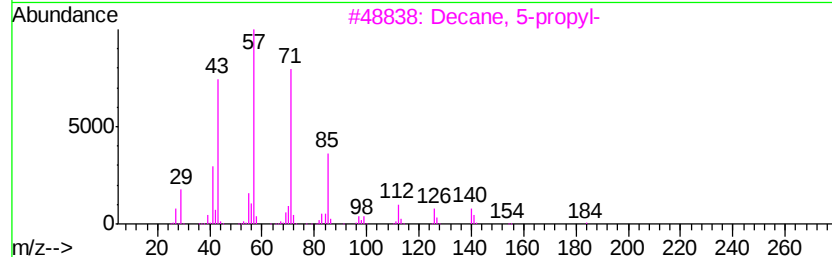
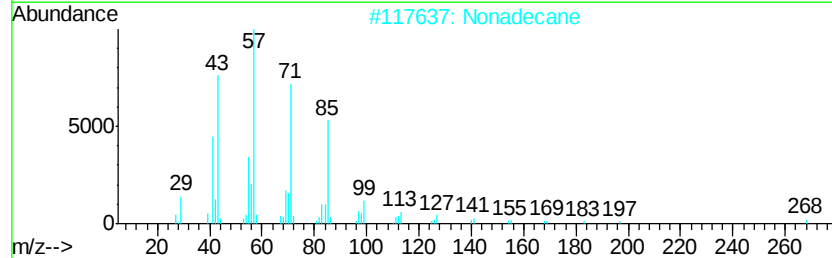
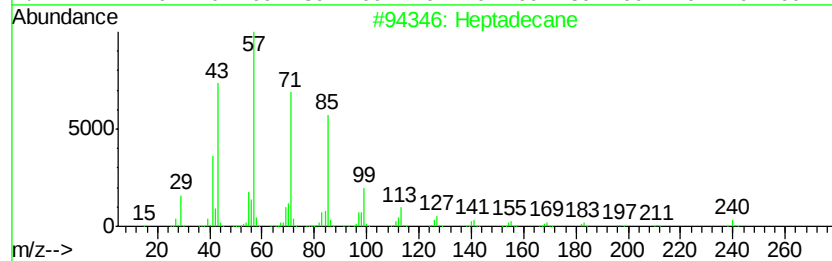
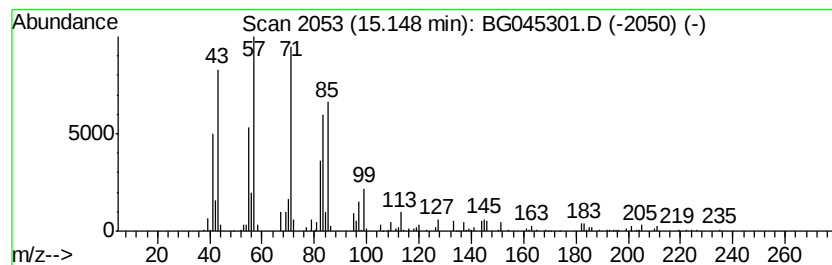
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Heptadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	10.41 ng	610396	Acenaphthene-d10	14.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	58
2		Nonadecane	268	C19H40	000629-92-5	53
3		Decane, 5-propyl-	184	C13H28	017312-62-8	46
4		Undecane, 6-ethyl-	184	C13H28	017312-60-6	46
5		Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
Data File : BG045301.D
Acq On : 11 May 2020 18:04
Operator : CG/JU
Sample : L2554-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DRUM-1-1

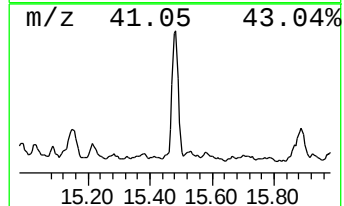
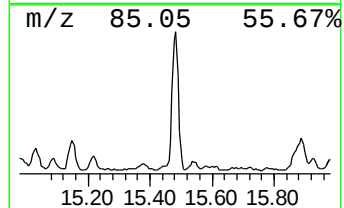
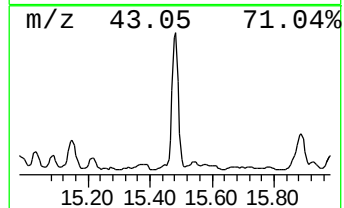
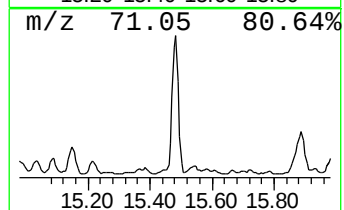
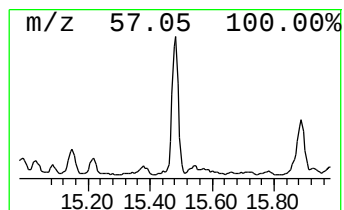
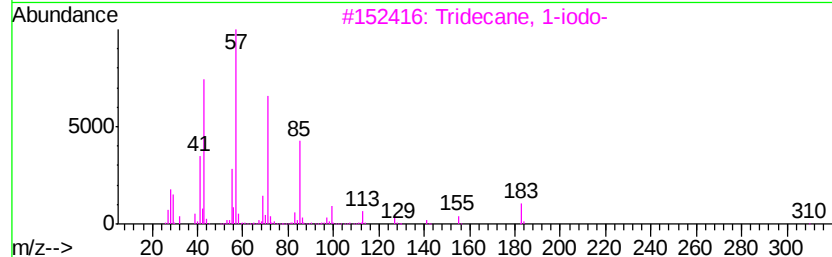
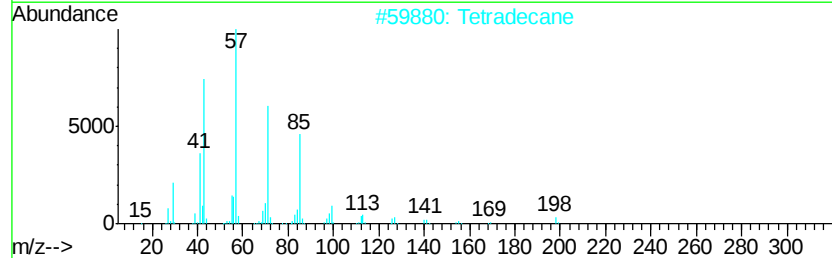
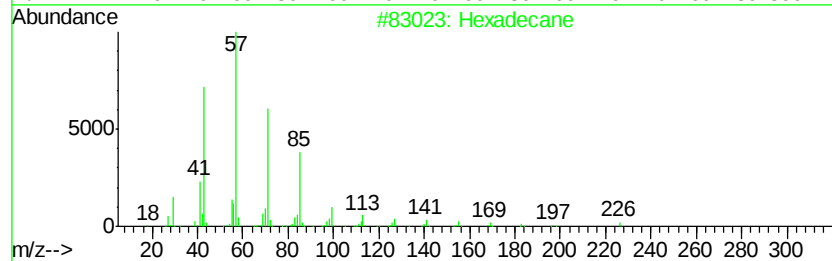
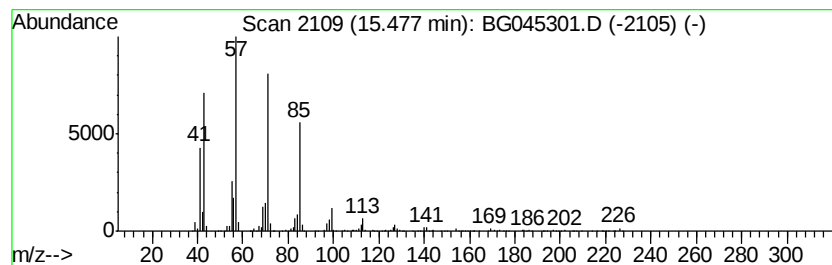
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	27.90 ng	1635620	Acenaphthene-d10	14.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Tetradecane	198	C14H30	000629-59-4	90
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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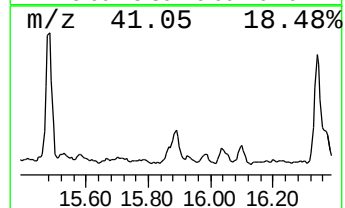
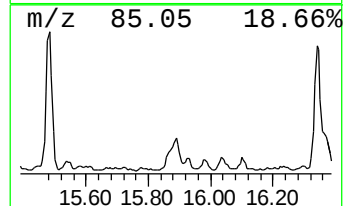
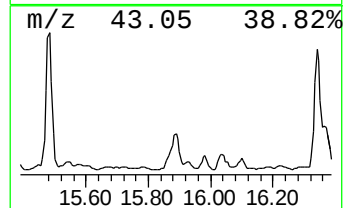
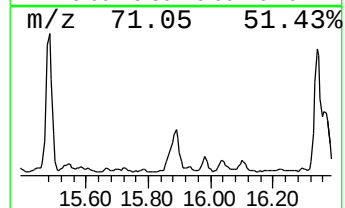
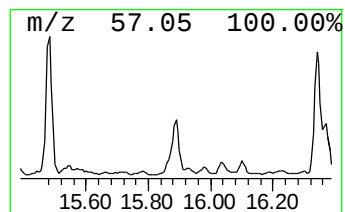
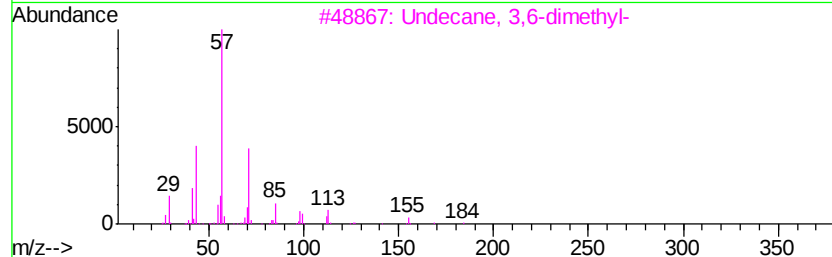
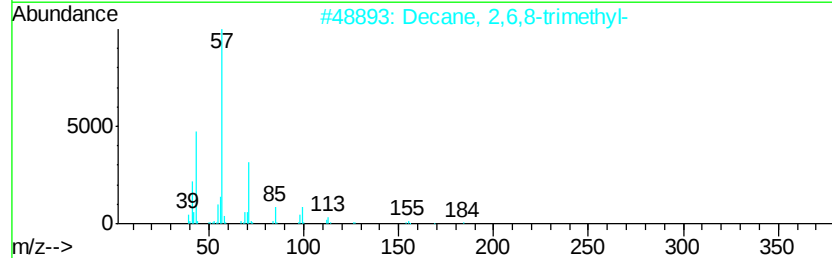
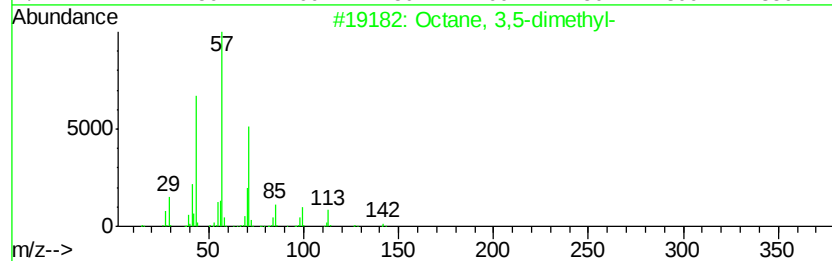
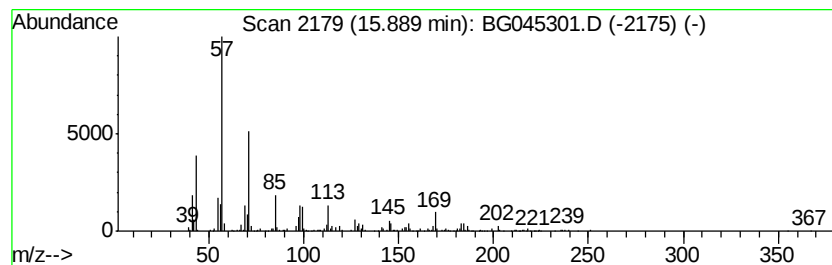
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Octane, 3,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	10.82 ng	634048	Acenaphthene-d10	14.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
2		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
4		Decane, 2-methyl-	156	C11H24	006975-98-0	49
5		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
Data File : BG045301.D
Acq On : 11 May 2020 18:04
Operator : CG/JU
Sample : L2554-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

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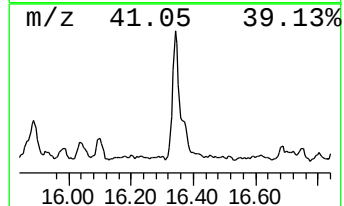
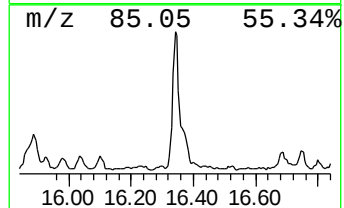
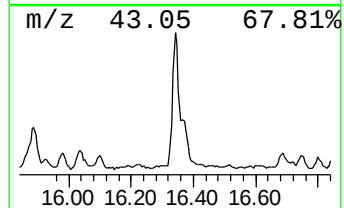
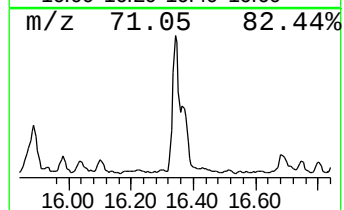
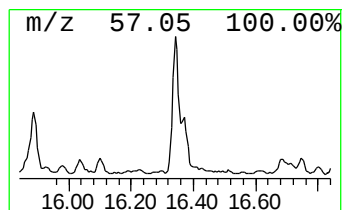
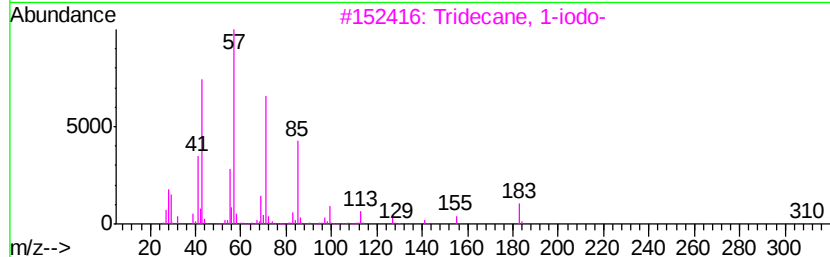
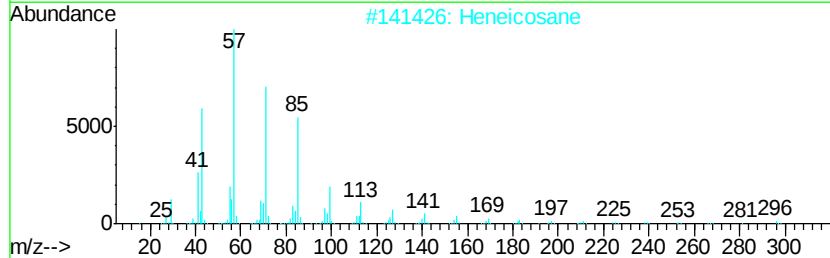
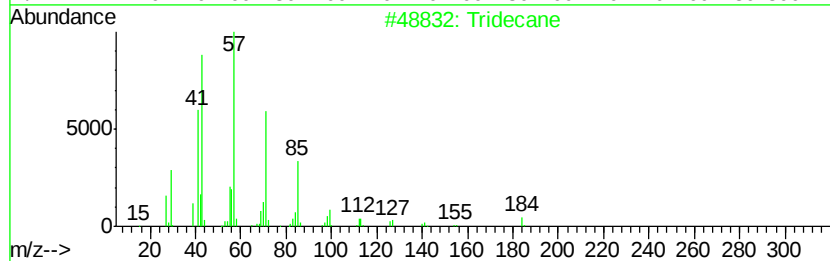
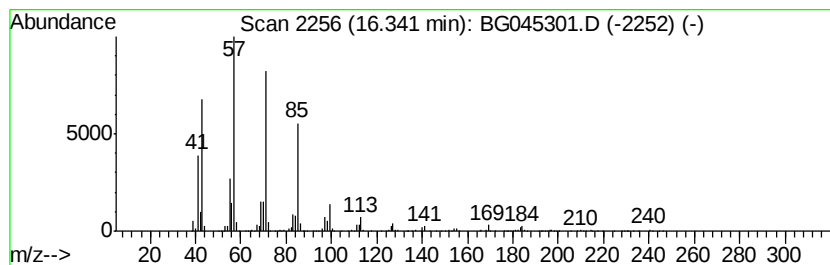
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	33.14 ng	1525400	Phenanthrene-d10	17.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4		Tetracosane	338	C24H50	000646-31-1	87
5		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
Data File : BG045301.D
Acq On : 11 May 2020 18:04
Operator : CG/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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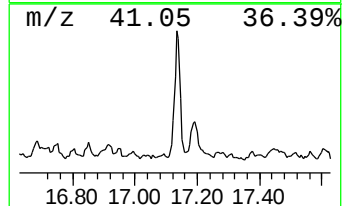
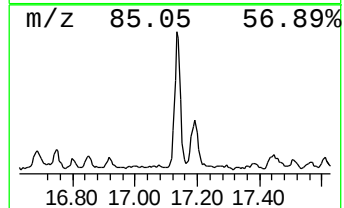
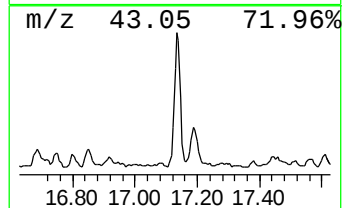
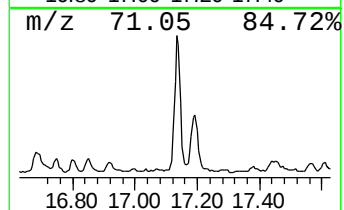
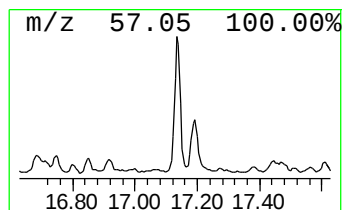
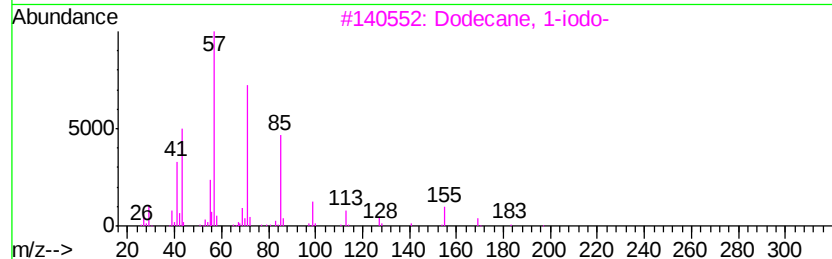
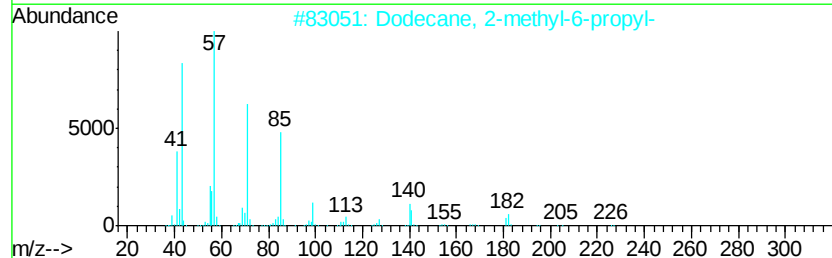
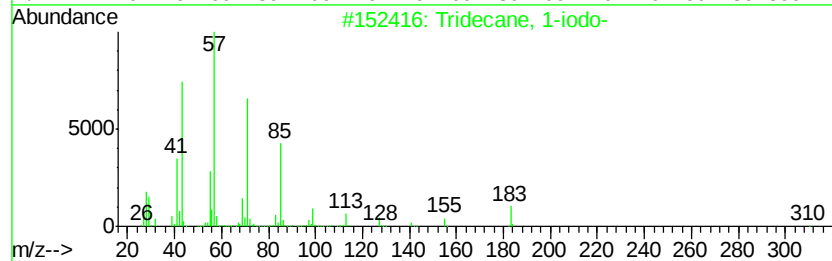
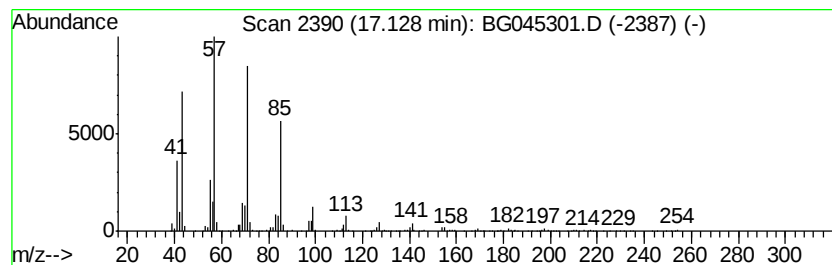
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Tridecane, 1-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	26.88 ng	1237000	Phenanthrene-d10	17.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4		Hexadecane	226	C16H34	000544-76-3	72
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
Data File : BG045301.D
Acq On : 11 May 2020 18:04
Operator : CG/JU
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Misc :
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ClientSampleId :
DRUM-1-1

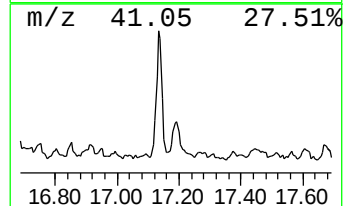
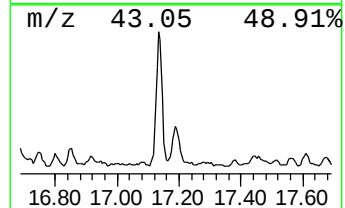
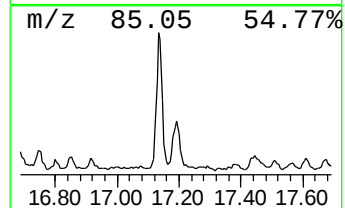
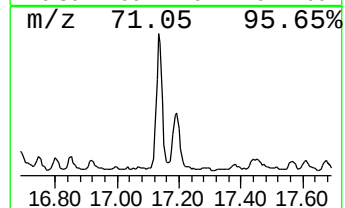
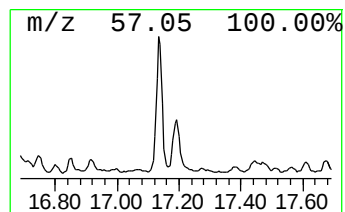
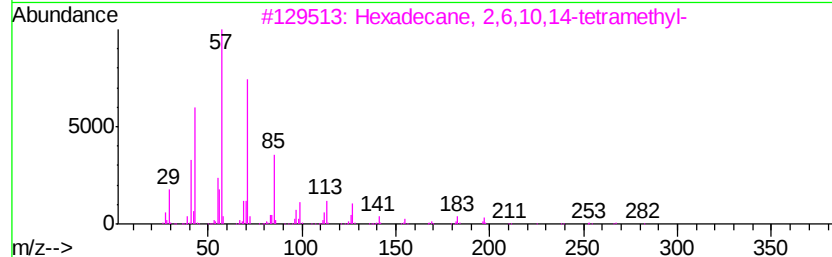
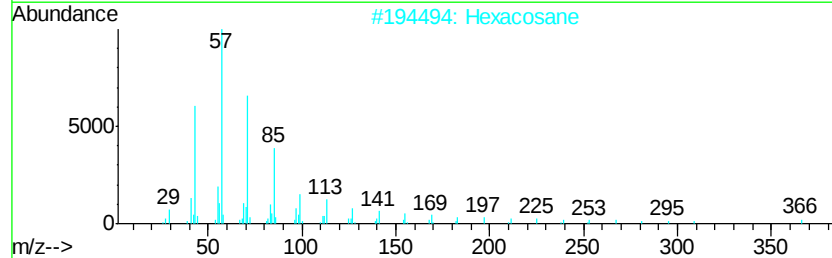
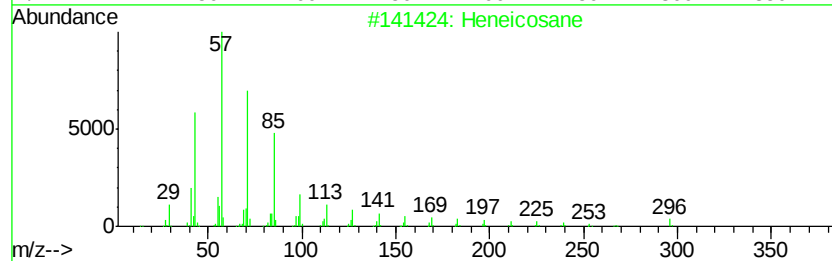
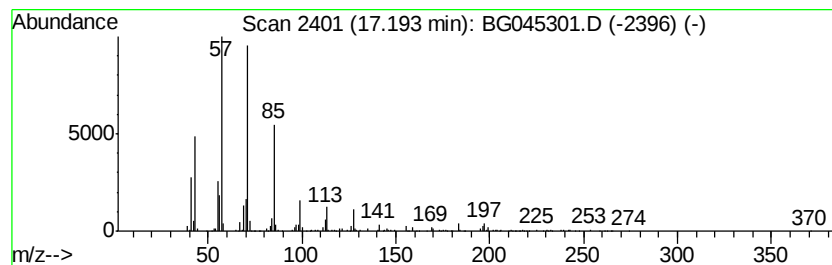
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.19	15.34 ng	705793	Phenanthrene-d10	17.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	83
2		Hexacosane	366	C26H54	000630-01-3	83
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4		Decane, 3-methyl-	156	C11H24	013151-34-3	74
5		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
Data File : BG045301.D
Acq On : 11 May 2020 18:04
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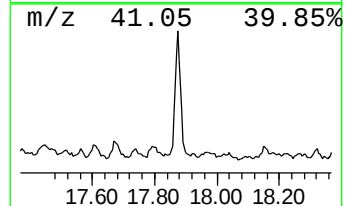
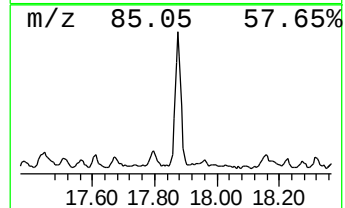
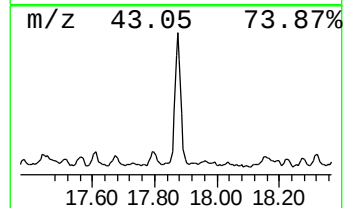
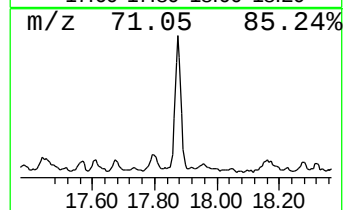
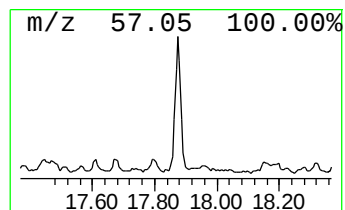
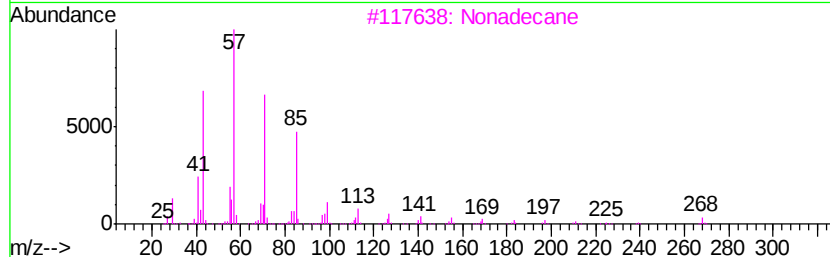
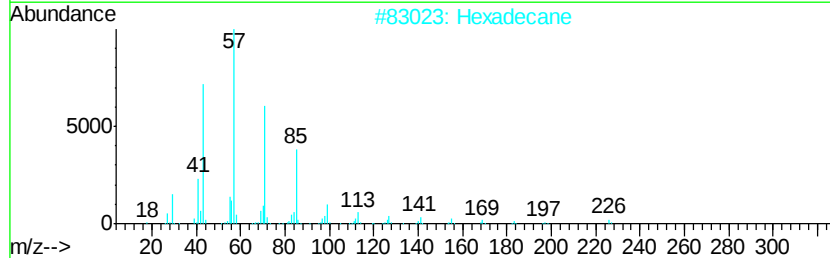
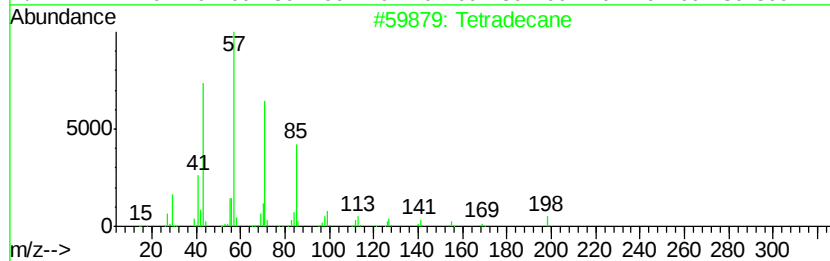
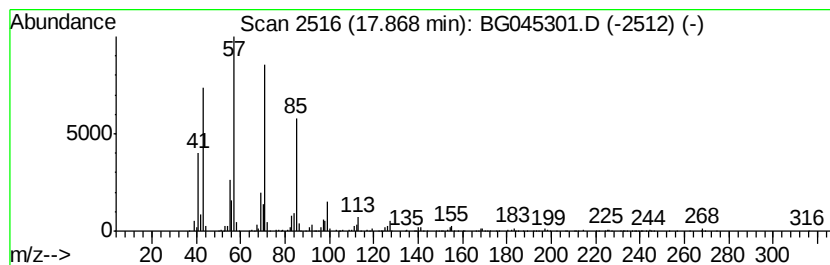
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	23.80 ng	1095390	Phenanthrene-d10	17.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Hexadecane	226	C16H34	000544-76-3	91
3		Nonadecane	268	C19H40	000629-92-5	90
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5		Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
Data File : BG045301.D
Acq On : 11 May 2020 18:04
Operator : CG/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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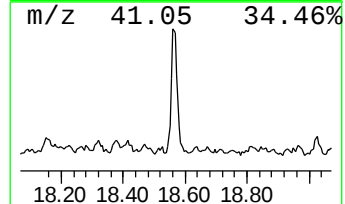
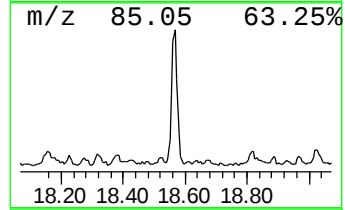
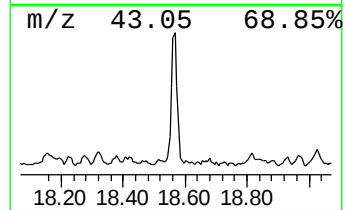
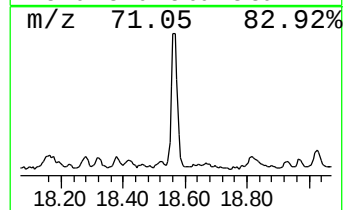
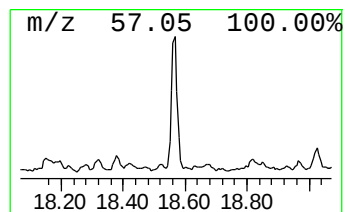
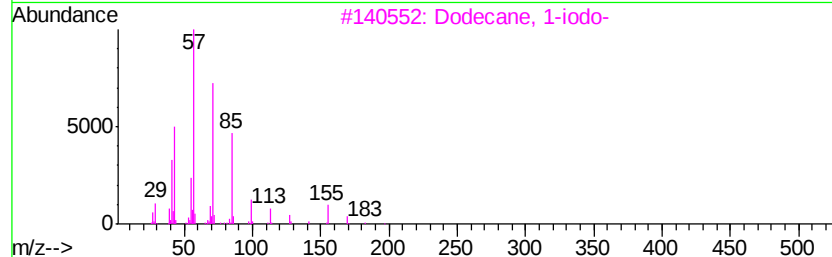
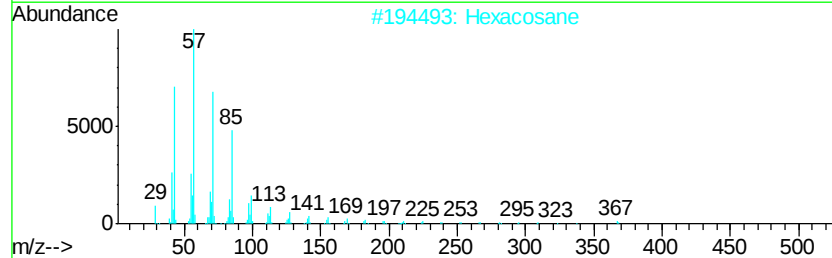
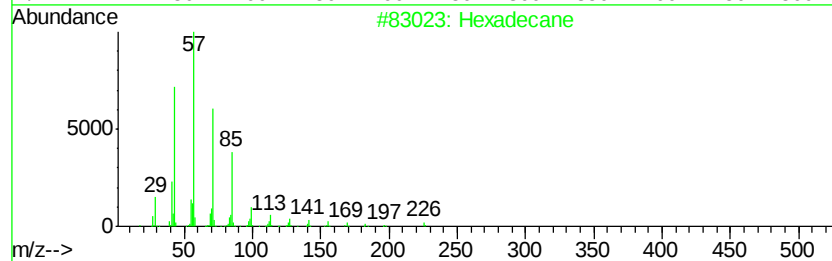
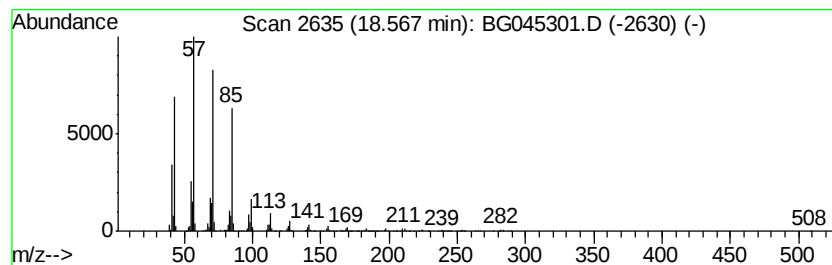
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Dodecane, 1-iodo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	19.68 ng	905872	Phenanthrene-d10	17.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Hexacosane	366	C26H54	000630-01-3	90
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4		Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	72
5		Tridecane, 4-methyl-	198	C14H30	026730-12-1	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
Data File : BG045301.D
Acq On : 11 May 2020 18:04
Operator : CG/JU
Sample : L2554-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DRUM-1-1

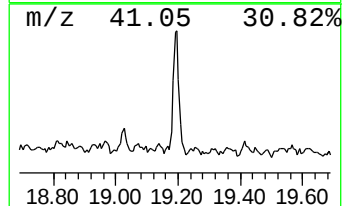
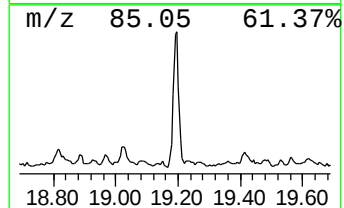
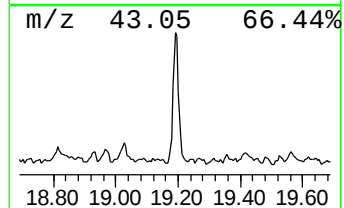
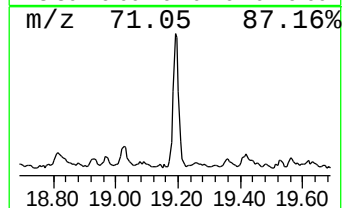
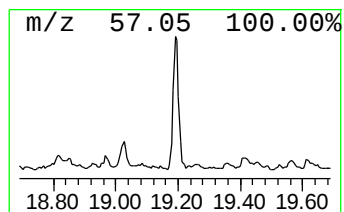
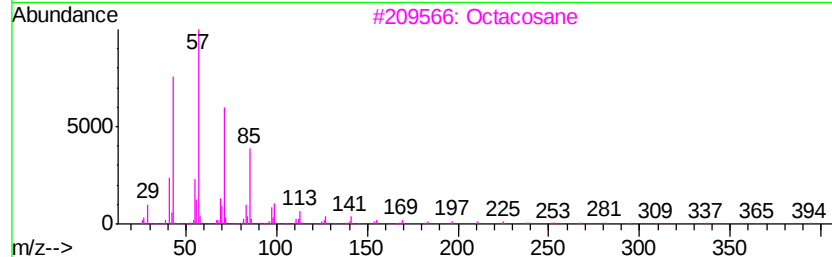
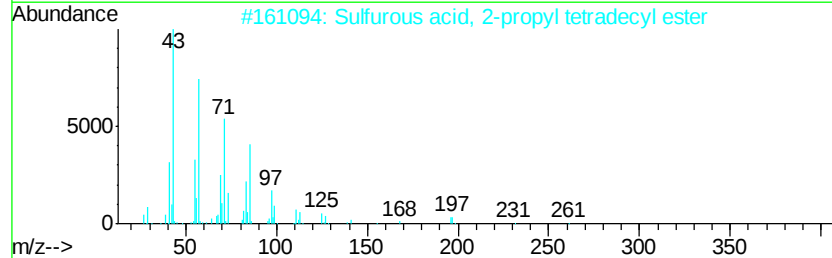
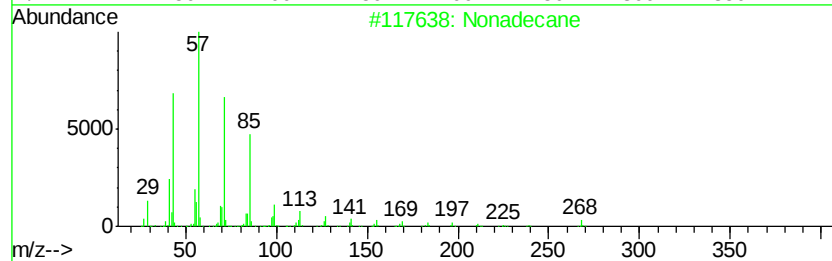
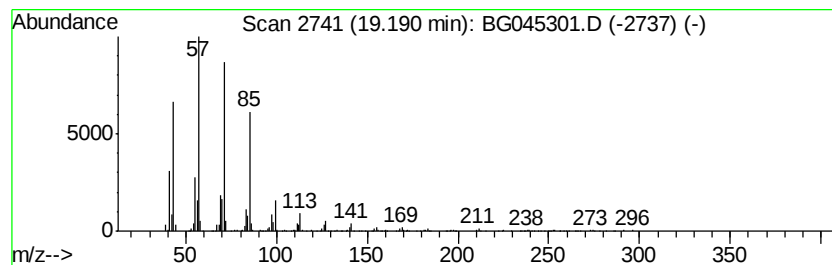
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Sulfurous acid, 2-propyl te... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	17.64 ng	811982	Phenanthrene-d10	17.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	90
2		Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	90
3		Octacosane	394	C28H58	000630-02-4	86
4		Heptacosane	380	C27H56	000593-49-7	86
5		Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
Data File : BG045301.D
Acq On : 11 May 2020 18:04
Operator : CG/JU
Sample : L2554-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DRUM-1-1

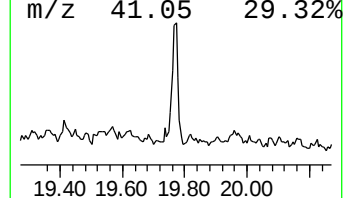
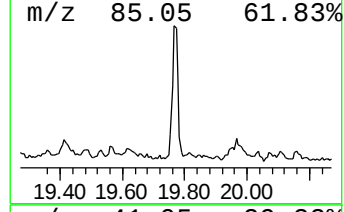
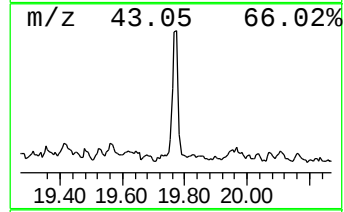
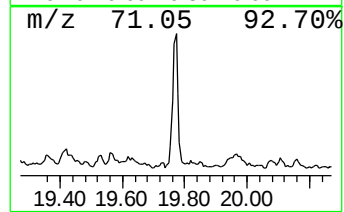
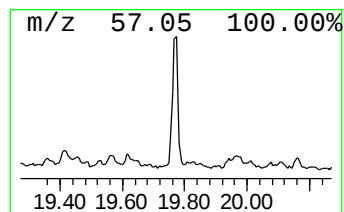
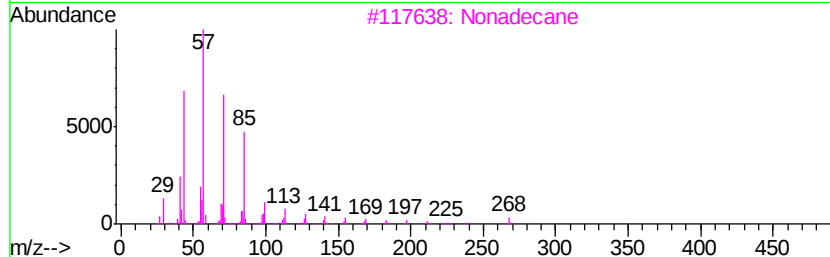
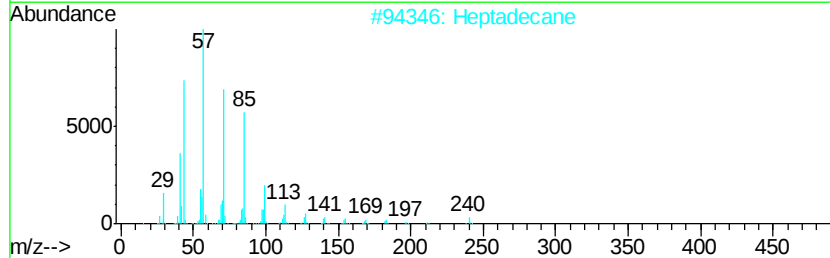
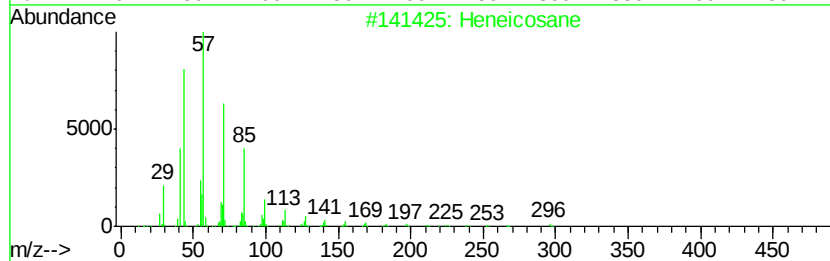
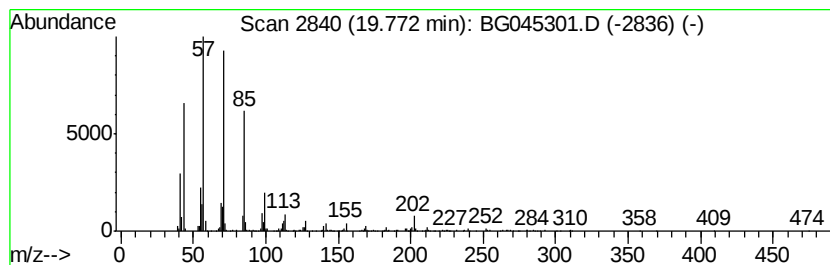
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Hexadecane, 2,6,10,14-tetra... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	9.88 ng	527820	Chrysene-d12	21.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	87
2			Heptadecane	240	C17H36	000629-78-7	86
3			Nonadecane	268	C19H40	000629-92-5	80
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	76
5			Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
 Data File : BG045301.D
 Acq On : 11 May 2020 18:04
 Operator : CG/JU
 Sample : L2554-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Undecane	9.22	35.0	ng	742221	1	7.98	424641	20.0
Benzene, 1-methyl...	9.35	12.2	ng	259192	1	7.98	424641	20.0
Dodecane, 2-methyl-	12.22	21.2	ng	3108860	2	10.78	2936070	20.0
Naphthalene, 1,2,...	12.96	12.2	ng	714685	3	14.62	1172420	20.0
unknown13.12	13.12	12.6	ng	738023	3	14.62	1172420	20.0
unknown13.17	13.17	20.1	ng	1179840	3	14.62	1172420	20.0
1H-Indene, 2,3-di...	13.56	15.3	ng	896405	3	14.62	1172420	20.0
unknown13.78	13.78	11.7	ng	687136	3	14.62	1172420	20.0
Nonadecane	14.53	37.1	ng	2176570	3	14.62	1172420	20.0
Heptadecane	15.15	10.4	ng	610396	3	14.62	1172420	20.0
Hexadecane	15.48	27.9	ng	1635620	3	14.62	1172420	20.0
Octane, 3,5-dimet...	15.89	10.8	ng	634048	3	14.62	1172420	20.0
Tridecane	16.34	33.1	ng	1525400	4	17.37	920491	20.0
Tridecane, 1-iodo-	17.13	26.9	ng	1237000	4	17.37	920491	20.0
Heneicosane	17.19	15.3	ng	705793	4	17.37	920491	20.0
Tetradecane	17.87	23.8	ng	1095390	4	17.37	920491	20.0
Dodecane, 1-iodo-	18.57	19.7	ng	905872	4	17.37	920491	20.0
Sulfurous acid, 2...	19.19	17.6	ng	811982	4	17.37	920491	20.0
Hexadecane, 2,6,1...	19.77	9.9	ng	527820	5	21.63	1068760	20.0