

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
 Data File : BG055906.D
 Acq On : 6 Dec 2022 16:41
 Operator : CG/JU
 Sample : N5884-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-3-120522

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-BG111622.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055906.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.210	320	327	337	rBV	245188	381225	6.58%	0.700%
2	5.697	403	410	422	rBV	562287	929338	16.04%	1.707%
3	7.325	676	687	701	rBV	594700	1051238	18.15%	1.931%
4	8.165	825	830	837	rVB	117211	187449	3.24%	0.344%
5	8.805	932	939	944	rBV2	85686	147435	2.54%	0.271%
6	9.340	1024	1030	1034	rVV	350769	685500	11.83%	1.259%
7	9.381	1034	1037	1043	rVB	263762	375548	6.48%	0.690%
8	9.522	1049	1061	1069	rBV7	52266	157894	2.73%	0.290%
9	9.616	1069	1077	1087	rVV9	36717	126642	2.19%	0.233%
10	9.898	1122	1125	1135	rVB3	65851	142794	2.46%	0.262%
11	10.098	1155	1159	1164	rVV2	69085	125893	2.17%	0.231%
12	10.168	1165	1171	1175	rVV3	72534	159158	2.75%	0.292%
13	10.233	1175	1182	1190	rVV3	90295	248792	4.29%	0.457%
14	10.309	1190	1195	1201	rVV2	66217	175202	3.02%	0.322%
15	10.380	1201	1207	1214	rVV3	173191	366400	6.32%	0.673%
16	10.492	1221	1226	1230	rVV2	68985	123101	2.12%	0.226%
17	10.556	1230	1237	1243	rVV5	49610	126060	2.18%	0.232%
18	10.615	1243	1247	1253	rVB	77669	130777	2.26%	0.240%
19	10.938	1296	1302	1308	rBV	475610	803492	13.87%	1.476%
20	10.991	1308	1311	1317	rVV	159565	279269	4.82%	0.513%
21	11.120	1325	1333	1339	rVB2	185189	409265	7.06%	0.752%
22	11.191	1340	1345	1351	rBV2	66754	143946	2.48%	0.264%
23	11.455	1385	1390	1397	rVB3	104030	219145	3.78%	0.403%
24	11.678	1418	1428	1433	rBV6	137133	352028	6.08%	0.647%
25	11.808	1444	1450	1457	rVB6	104549	248748	4.29%	0.457%
26	11.878	1457	1462	1470	rBV3	132733	345375	5.96%	0.634%
27	11.978	1470	1479	1483	rVV3	197324	388393	6.70%	0.713%
28	12.025	1483	1487	1492	rVV3	73096	128188	2.21%	0.235%
29	12.084	1493	1497	1502	rVB2	65529	112304	1.94%	0.206%
30	12.172	1506	1512	1518	rBV2	231542	389645	6.73%	0.716%
31	12.372	1540	1546	1553	rBV	755388	1158473	20.00%	2.128%
32	12.524	1569	1572	1576	rVB2	85523	118008	2.04%	0.217%
33	12.589	1580	1583	1588	rVB4	98872	148016	2.55%	0.272%
34	12.642	1588	1592	1598	rVB3	72316	119972	2.07%	0.220%
35	12.883	1629	1633	1637	rVB2	156489	231539	4.00%	0.425%
36	12.995	1648	1652	1656	rBV4	101839	167726	2.90%	0.308%

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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-BG111622.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.177	1673	1683	1689	rVB4	160268	424551	7.33%	0.780%
38	13.259	1693	1697	1700	rBV2	120389	159107	2.75%	0.292%
39	13.312	1700	1706	1710	rBV2	214610	322130	5.56%	0.592%
40	13.423	1719	1725	1730	rBV	826887	1298840	22.42%	2.386%
41	13.600	1749	1755	1764	rVV	947884	1406495	24.28%	2.583%
42	13.741	1774	1779	1785	rVB3	132251	233445	4.03%	0.429%
43	14.076	1830	1836	1839	rBV6	84615	181657	3.14%	0.334%
44	14.117	1839	1843	1847	rVV3	165218	306976	5.30%	0.564%
45	14.164	1847	1851	1856	rVV3	166096	271617	4.69%	0.499%
46	14.222	1857	1861	1862	rVV2	186382	221249	3.82%	0.406%
47	14.246	1862	1865	1869	rVV2	343317	520438	8.98%	0.956%
48	14.293	1869	1873	1880	rVV2	210610	398743	6.88%	0.732%
49	14.364	1881	1885	1890	rVB3	203352	302495	5.22%	0.556%
50	14.663	1931	1936	1944	rVV	1127638	1539696	26.58%	2.828%
51	14.740	1945	1949	1951	rVV3	91820	155709	2.69%	0.286%
52	14.798	1955	1959	1964	rVV	292186	480975	8.30%	0.883%
53	14.998	1989	1993	1999	rVB2	83201	128825	2.22%	0.237%
54	15.116	2007	2013	2016	rBV3	97904	224997	3.88%	0.413%
55	15.157	2017	2020	2024	rVV2	126286	185909	3.21%	0.341%
56	15.210	2027	2029	2034	rVB	120795	148462	2.56%	0.273%
57	15.274	2034	2040	2048	rBV4	231806	545965	9.42%	1.003%
58	15.345	2048	2052	2056	rVB	144302	202839	3.50%	0.373%
59	15.409	2058	2063	2070	rBV7	85844	275110	4.75%	0.505%
60	15.609	2092	2097	2102	rVB	1174749	1473030	25.43%	2.706%
61	15.662	2103	2106	2111	rVV2	76959	121123	2.09%	0.222%
62	15.715	2111	2115	2125	rVB7	84765	239109	4.13%	0.439%
63	16.009	2158	2165	2170	rBV	338933	681164	11.76%	1.251%
64	16.109	2178	2182	2186	rVB2	122424	169774	2.93%	0.312%
65	16.161	2187	2191	2194	rBV	108291	166577	2.88%	0.306%
66	16.226	2199	2202	2207	rVB2	169868	218537	3.77%	0.401%
67	16.285	2207	2212	2220	rBV	699739	1113178	19.21%	2.045%
68	16.467	2238	2243	2252	rBV	1172278	2034764	35.12%	3.737%
69	16.808	2297	2301	2304	rBV	121698	189042	3.26%	0.347%
70	16.972	2325	2329	2335	rVB	141267	200158	3.45%	0.368%
71	17.037	2336	2340	2344	rBV2	113261	170886	2.95%	0.314%
72	17.260	2373	2378	2382	rBV	949881	1199415	20.70%	2.203%
73	17.307	2382	2386	2390	rVV	317866	434534	7.50%	0.798%
74	17.542	2421	2426	2430	rBV	340411	585018	10.10%	1.075%
75	17.583	2430	2433	2438	rVB	196994	303020	5.23%	0.557%
76	17.730	2455	2458	2465	rVB3	122080	178776	3.09%	0.328%

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77	17.795	2465	2469	2476	rBV3	107168	199082	3.44%	0.366%
78	17.995	2499	2503	2509	rVB	872053	1085687	18.74%	1.994%
79	18.171	2528	2533	2540	rVB	1302023	1639670	28.30%	3.012%
80	18.400	2568	2572	2576	rBV3	238387	371313	6.41%	0.682%
81	18.682	2615	2620	2624	rBV	802017	910547	15.72%	1.672%
82	19.134	2694	2697	2702	rVB2	99253	143139	2.47%	0.263%
83	19.305	2720	2726	2729	rBV2	4333557	5793392	100.00%	10.641%
84	19.334	2729	2731	2741	rVB2	2779412	3722677	64.26%	6.837%
85	19.463	2748	2753	2757	rBV	524693	656798	11.34%	1.206%
86	19.528	2759	2764	2766	rBV	423492	651260	11.24%	1.196%
87	19.557	2766	2769	2772	rVV	467972	558288	9.64%	1.025%
88	19.669	2785	2788	2795	rVB	133578	187298	3.23%	0.344%
89	19.875	2819	2823	2827	rBV	486668	525707	9.07%	0.966%
90	19.945	2831	2835	2842	rVB	248855	384639	6.64%	0.706%
91	20.127	2861	2866	2871	rVB	1388568	1813139	31.30%	3.330%
92	20.268	2887	2890	2894	rVB2	143026	181672	3.14%	0.334%
93	20.403	2909	2913	2916	rBV	369013	452304	7.81%	0.831%
94	20.897	2994	2997	3001	rVB	230604	251660	4.34%	0.462%
95	21.414	3082	3085	3093	rVB3	179620	297459	5.13%	0.546%
96	21.819	3147	3154	3159	rBV2	337125	699439	12.07%	1.285%
97	21.972	3177	3180	3184	rVB	111069	143343	2.47%	0.263%
98	22.319	3235	3239	3245	rVB	120483	173478	2.99%	0.319%
99	22.595	3281	3286	3304	rVB4	263818	745975	12.88%	1.370%
100	23.635	3453	3463	3474	rBV	744645	2039046	35.20%	3.745%

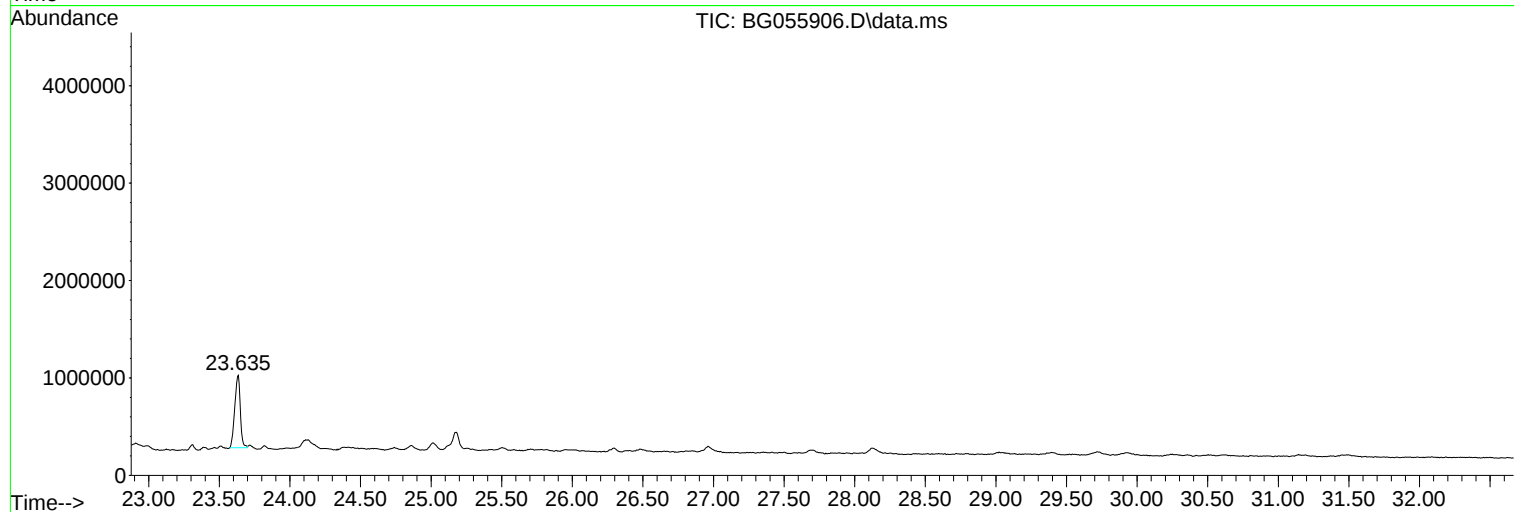
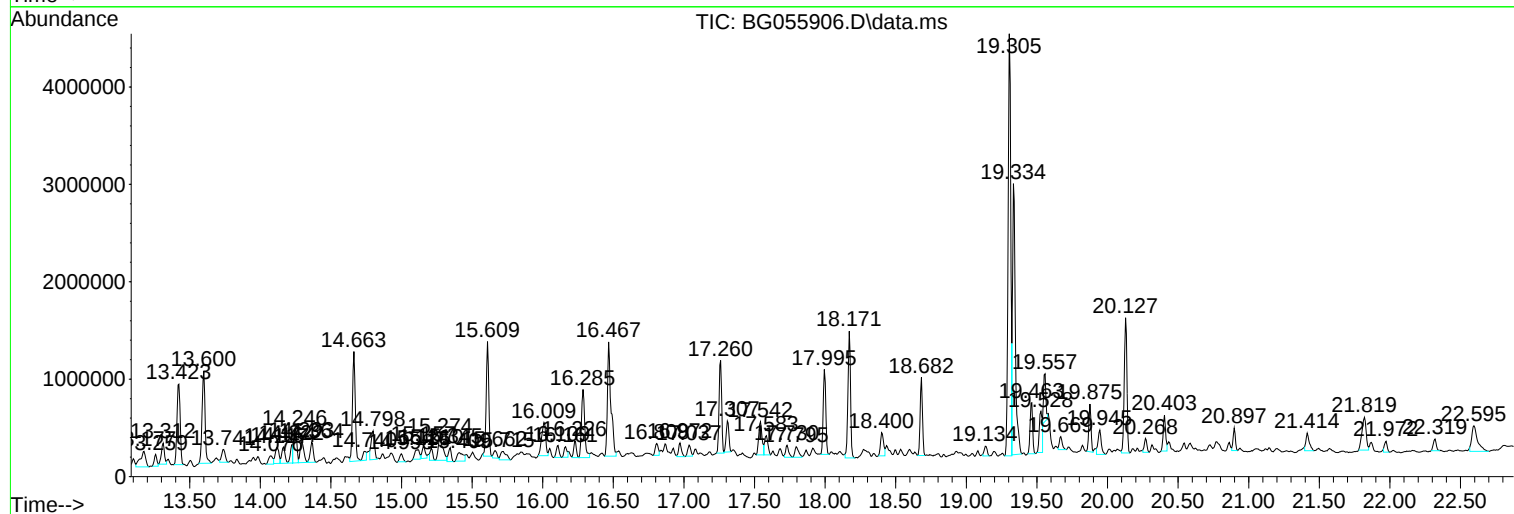
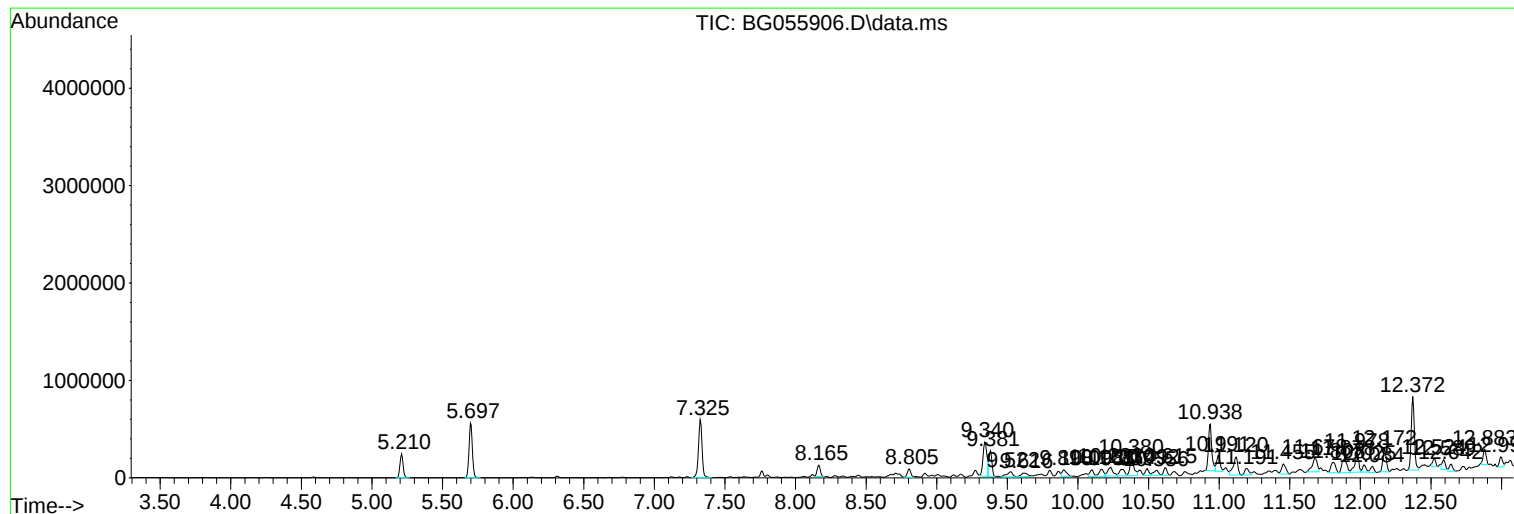
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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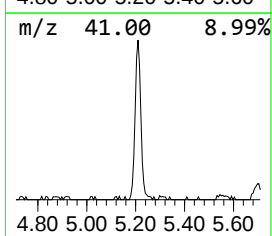
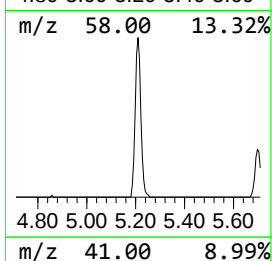
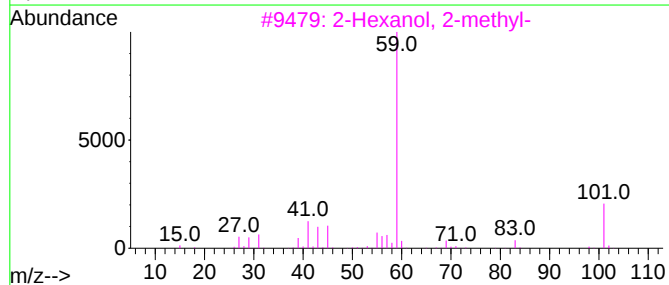
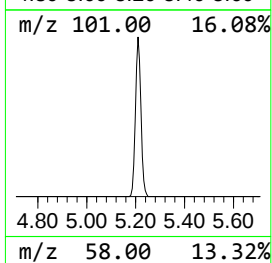
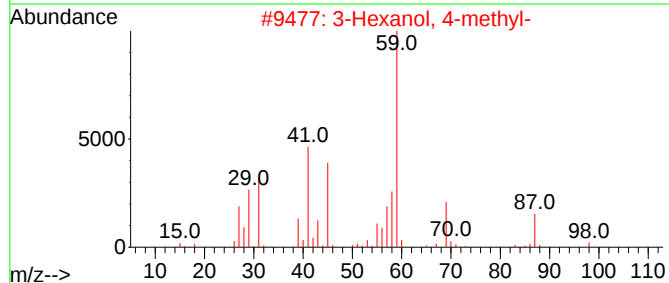
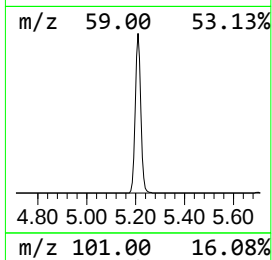
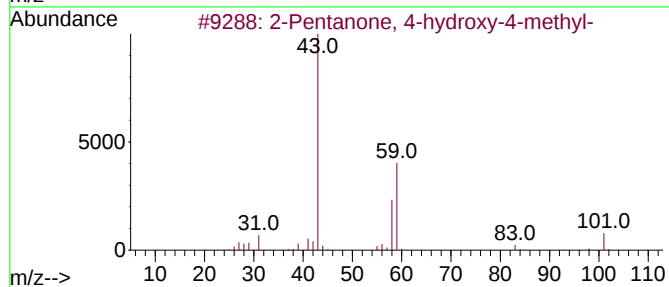
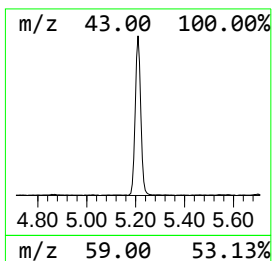
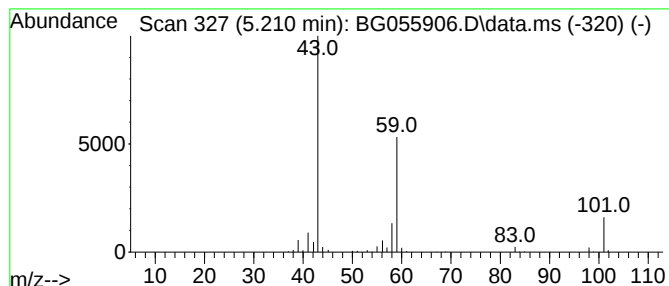
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.210	40.68 ng	381225	1,4-Dichlorobenzene-d4	8.165

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
4			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
5			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25



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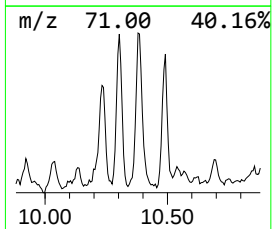
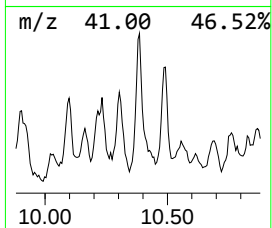
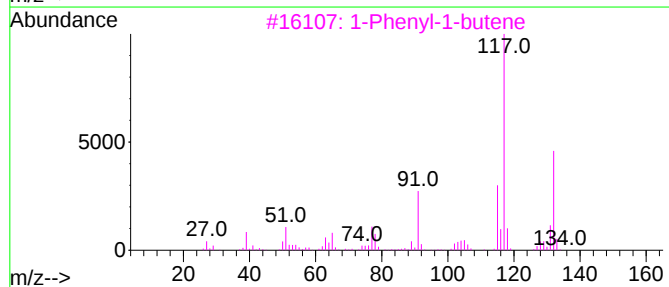
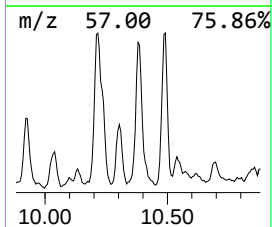
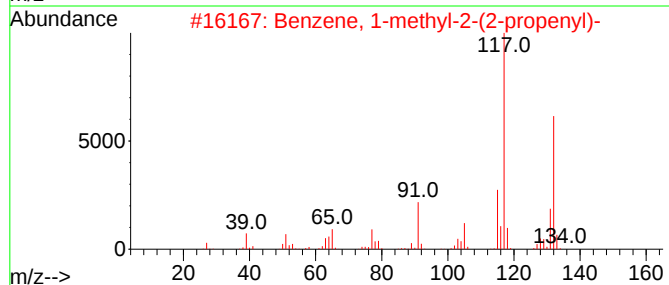
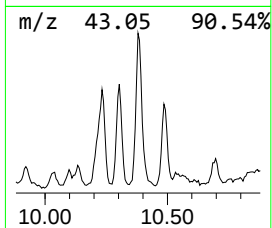
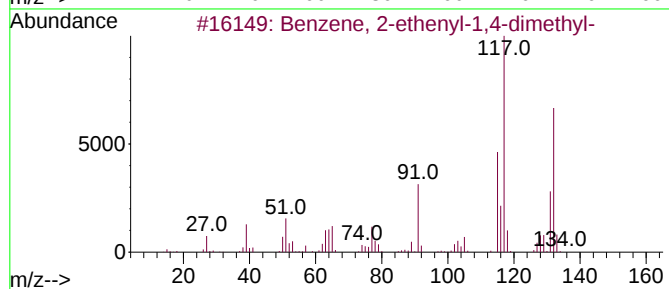
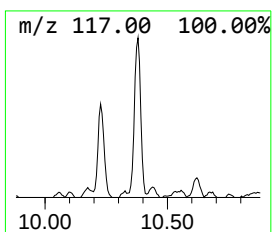
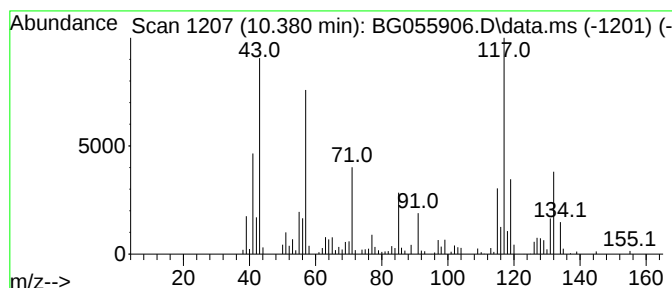
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.380	26.24 ng	366400	Naphthalene-d8	10.991

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
2			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	60
3			1-Phenyl-1-butene	132	C10H12	000824-90-8	60
4			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	60
5			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	55



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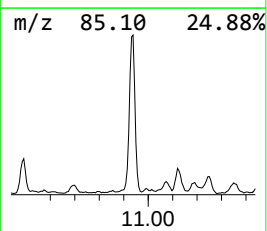
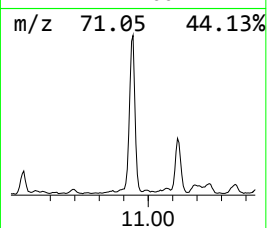
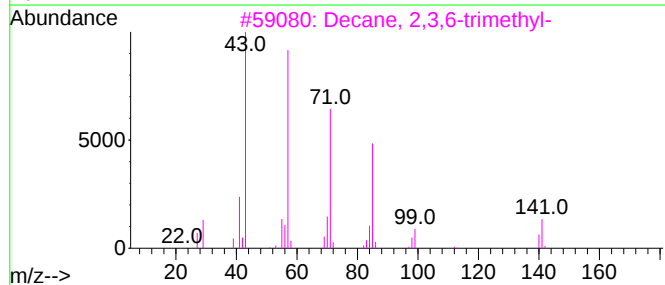
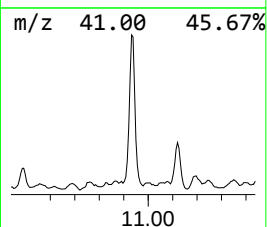
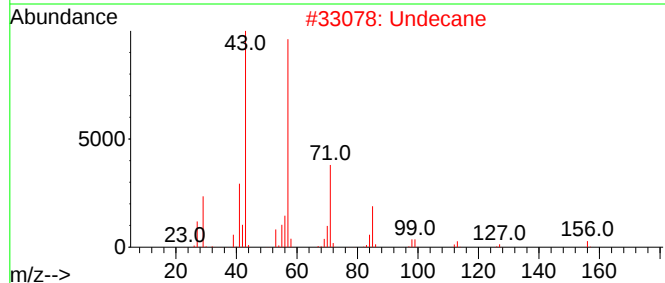
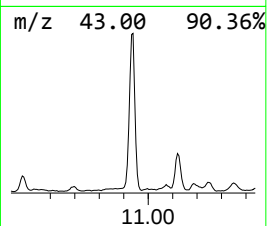
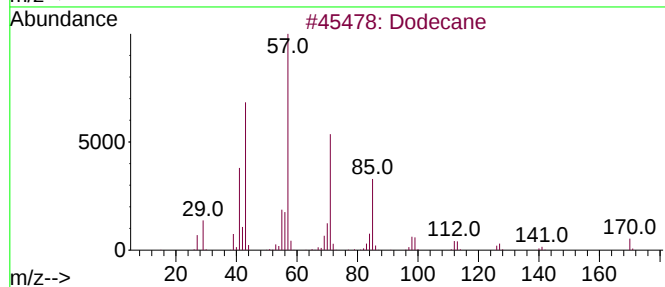
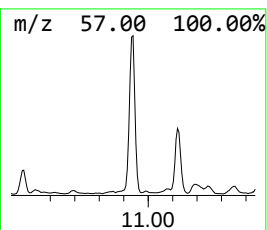
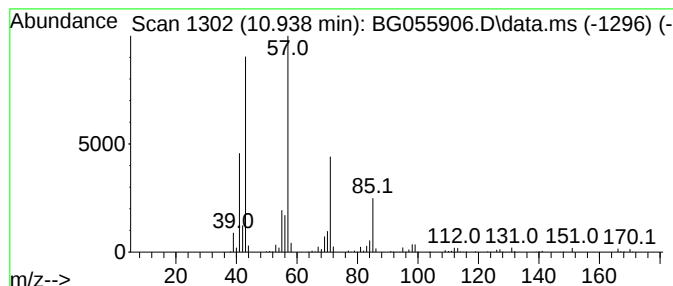
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.938	57.54 ng	803492	Naphthalene-d8	10.991

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	91
2			Undecane	156	C11H24	001120-21-4	90
3			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	90
4			Tetradecane	198	C14H30	000629-59-4	90
5			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055906.D
Acq On : 6 Dec 2022 16:41
Operator : CG/JU
Sample : N5884-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

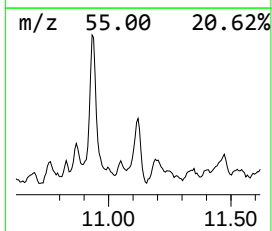
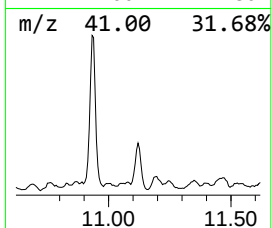
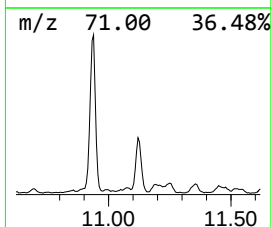
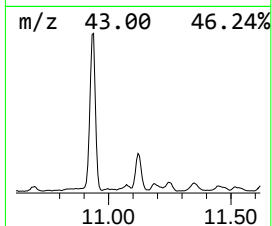
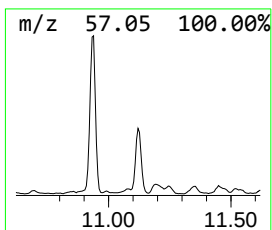
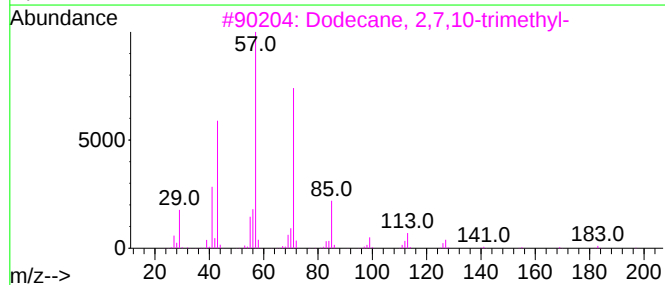
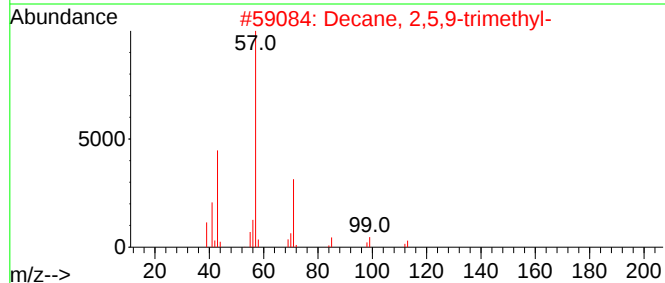
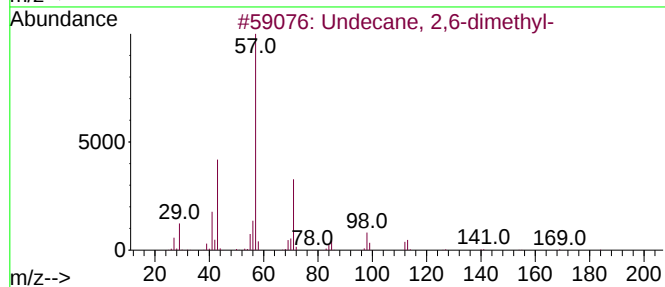
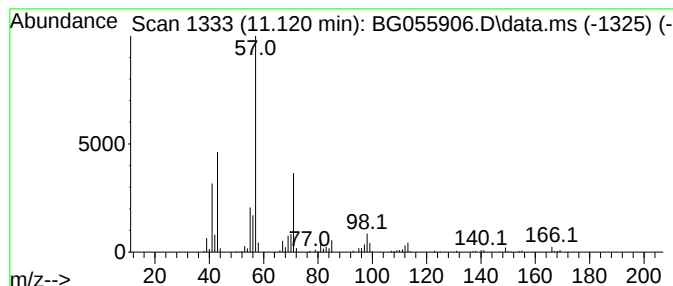
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.120	29.31 ng	409265	Naphthalene-d8	10.991	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
2	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
4	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	53
5	Carbonic acid, 2,2,2-trichloroet...	262	C8H13Cl3O3	1000357-89-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055906.D
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Instrument :
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ClientSampleId :
EO-3-120522

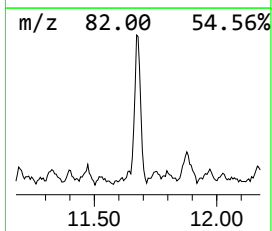
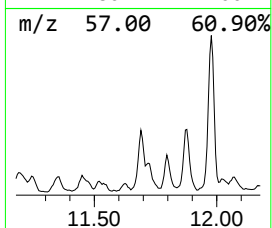
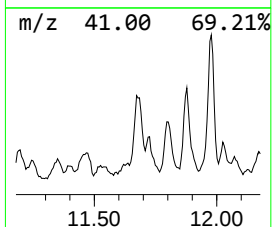
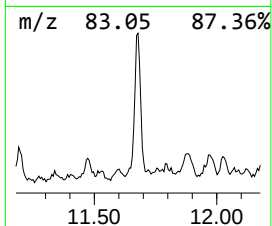
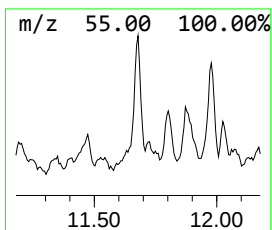
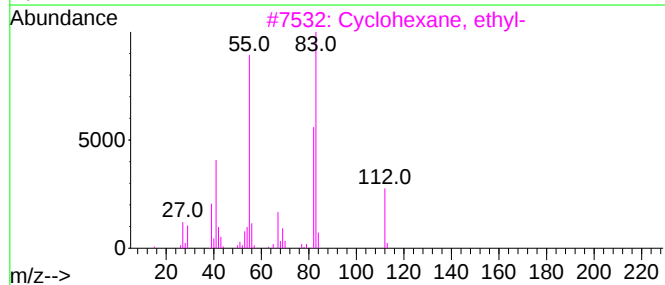
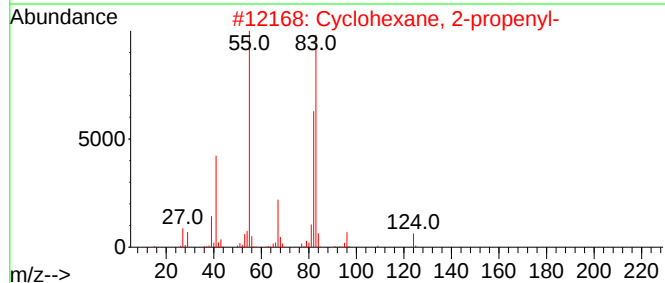
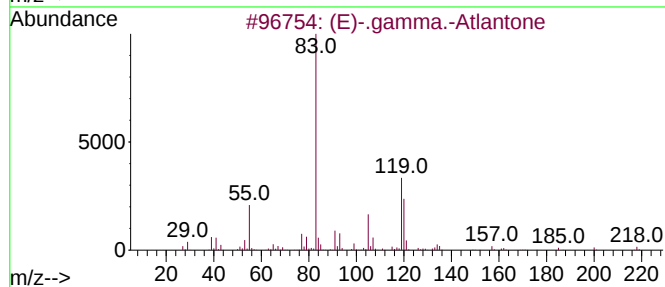
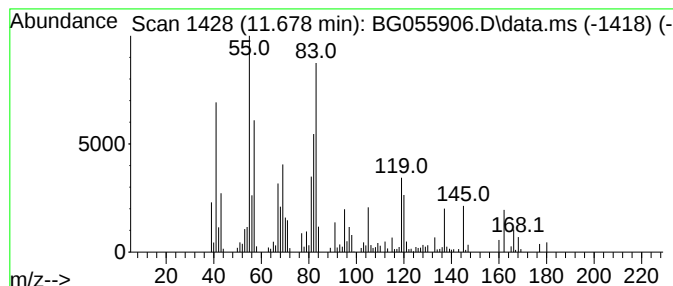
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown11.678 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.678	25.21 ng	352028	Naphthalene-d8	10.991

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-.gamma.-Atlantone			218	C15H22O	108549-47-9	38
2	Cyclohexane, 2-propenyl-			124	C9H16	002114-42-3	35
3	Cyclohexane, ethyl-			112	C8H16	001678-91-7	35
4	Cyclohexane, (4-methylpentyl)-			168	C12H24	061142-20-9	35
5	Cyclohexane, (1-methylethyl)-			126	C9H18	000696-29-7	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055906.D
Acq On : 6 Dec 2022 16:41
Operator : CG/JU
Sample : N5884-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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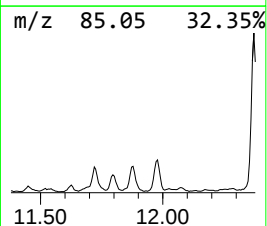
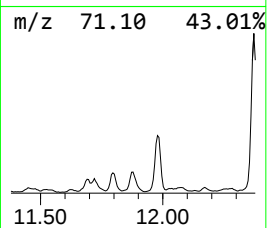
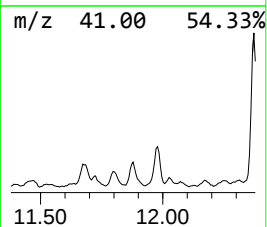
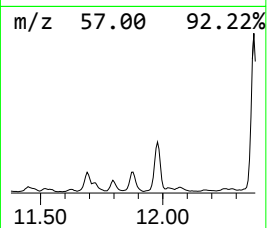
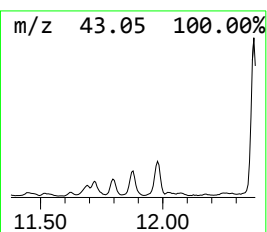
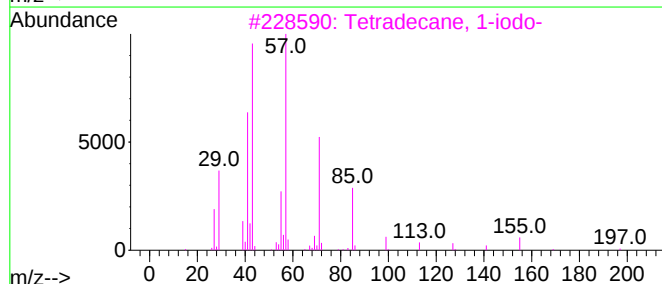
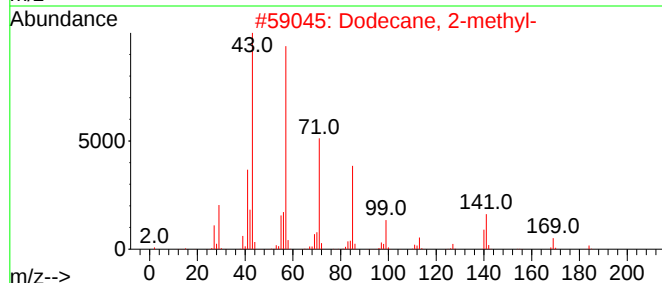
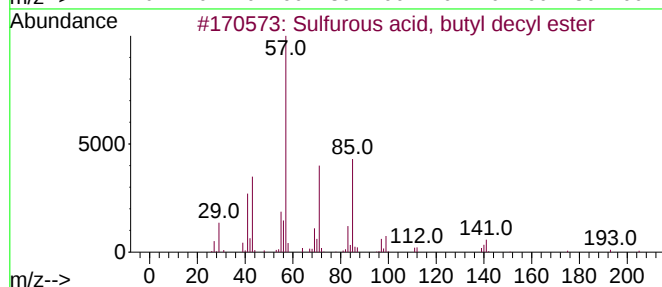
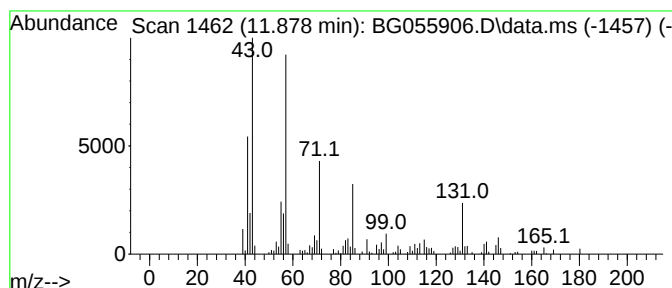
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Sulfurous acid, butyl decyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.878	24.73 ng	345375	Naphthalene-d8	10.991

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	64
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
3		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	52
4		Hexadecane	226	C16H34	000544-76-3	52
5		Decane	142	C10H22	000124-18-5	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
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Acq On : 6 Dec 2022 16:41
Operator : CG/JU
Sample : N5884-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

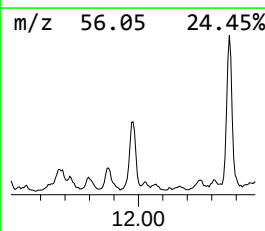
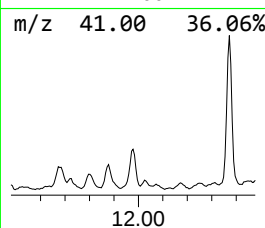
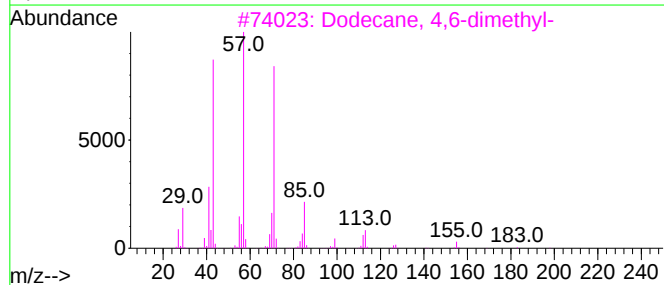
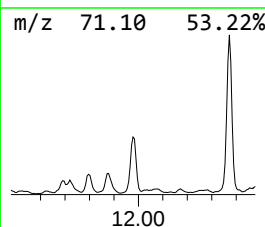
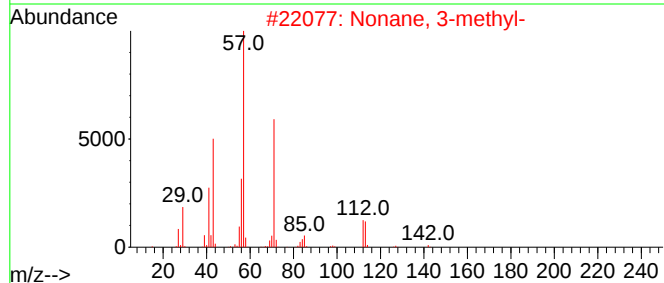
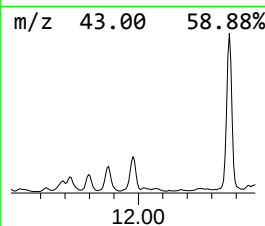
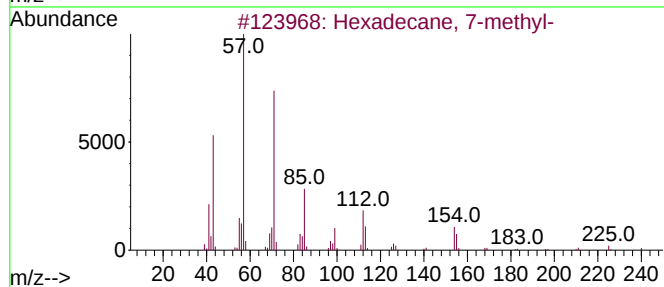
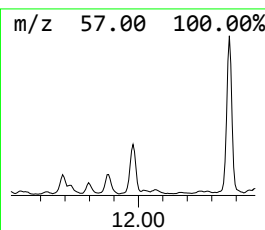
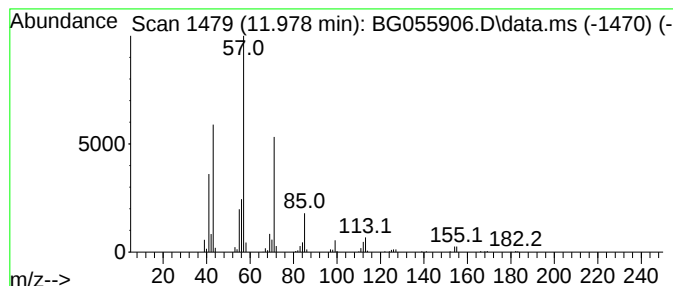
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane, 7-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.978	27.82 ng	388393	Naphthalene-d8	10.991	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	72
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59
4	Decane, 2-methyl-	156	C11H24	006975-98-0	59
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
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Sample : N5884-01
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ALS Vial : 8 Sample Multiplier: 1

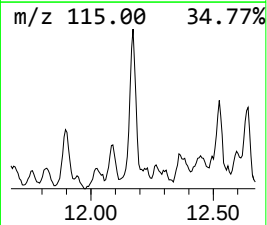
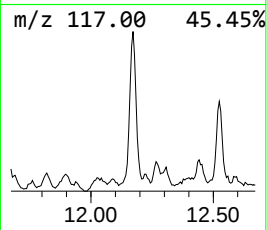
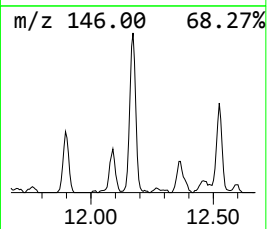
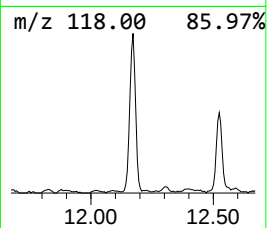
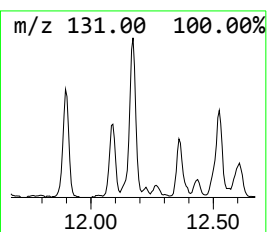
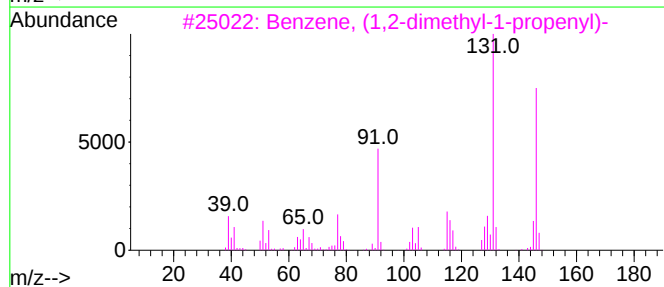
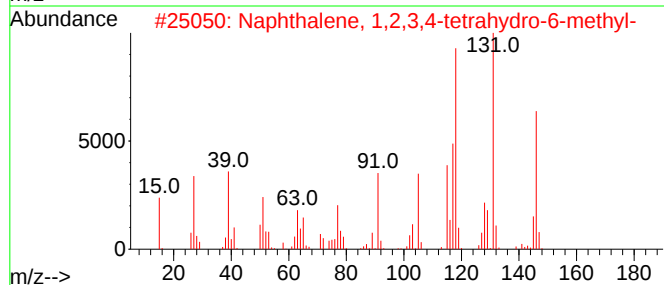
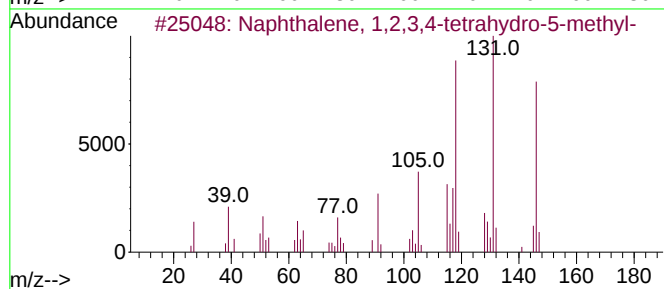
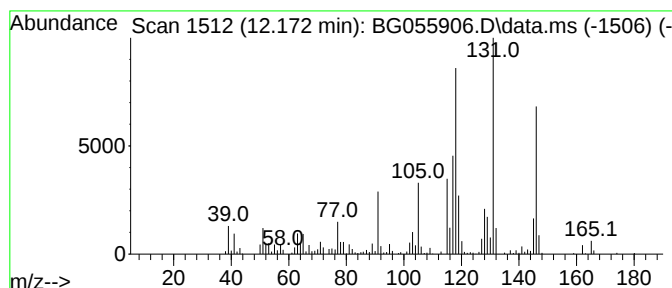
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.172	27.90 ng	389645	Naphthalene-d8	10.991	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
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	90
4	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	53
5	1-Methylindan-2-one	146	C10H10O	035587-60-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
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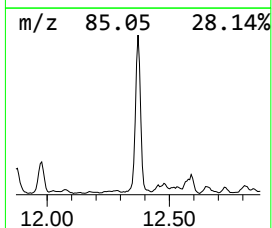
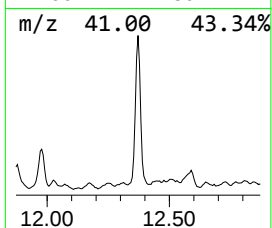
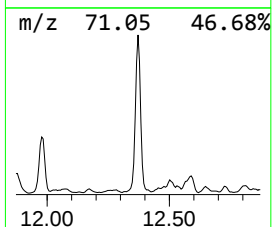
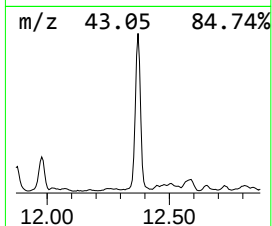
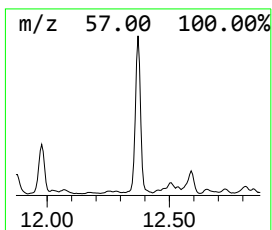
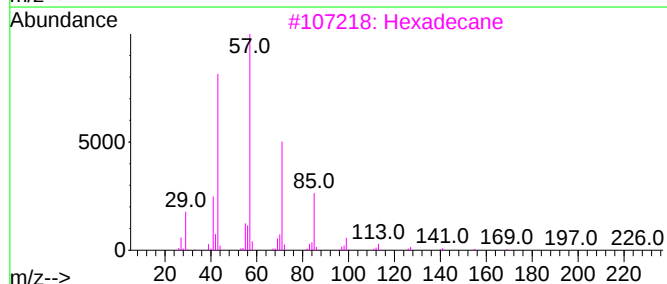
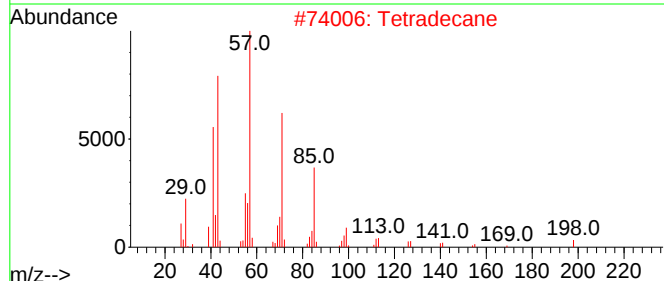
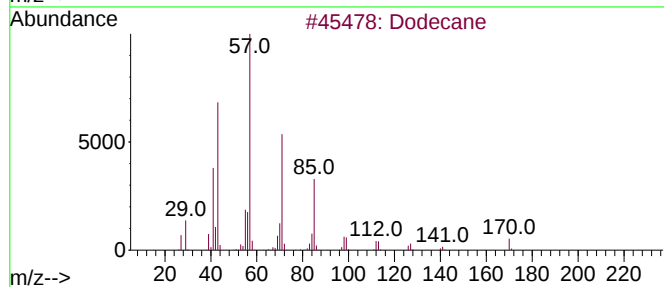
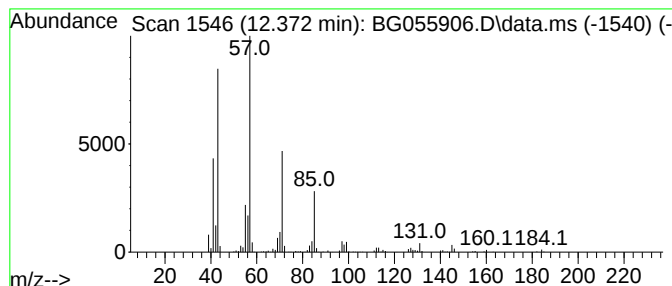
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.372	82.96 ng	1158470	Naphthalene-d8	10.991	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	86
2	Tetradecane	198	C14H30	000629-59-4	86
3	Hexadecane	226	C16H34	000544-76-3	72
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	68
5	Nonadecane	268	C19H40	000629-92-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055906.D
Acq On : 6 Dec 2022 16:41
Operator : CG/JU
Sample : N5884-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-3-120522

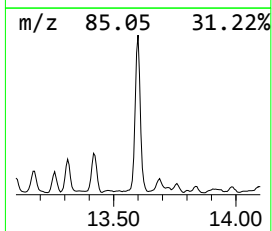
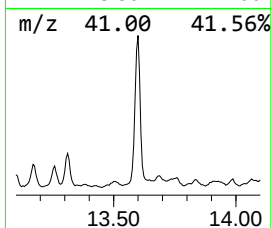
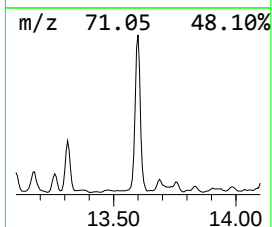
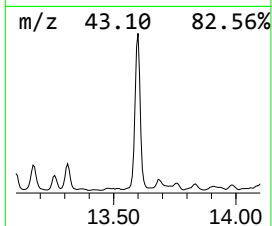
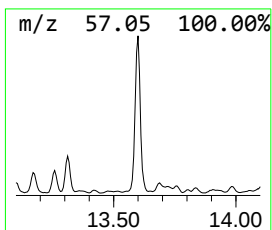
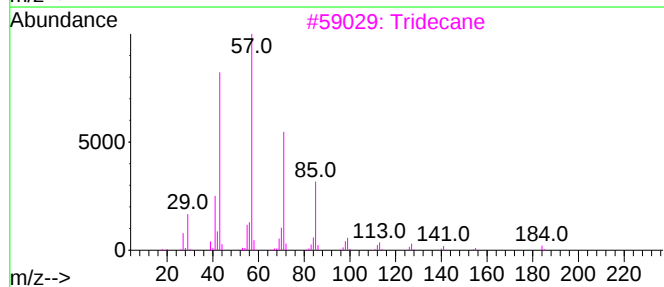
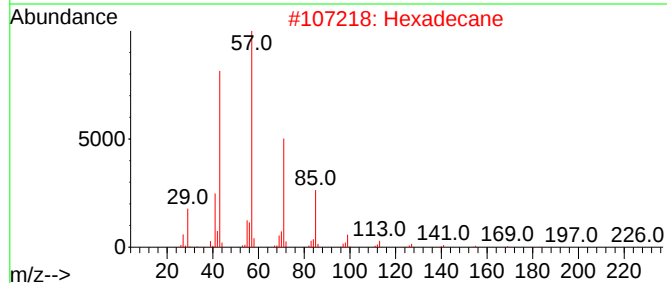
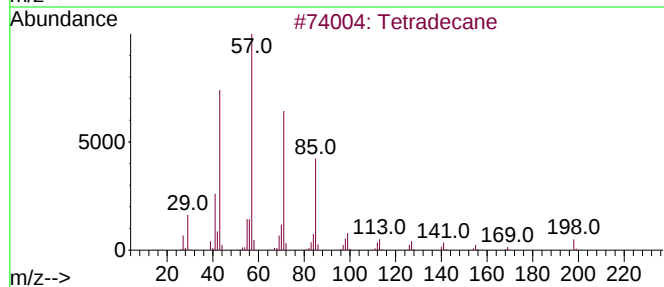
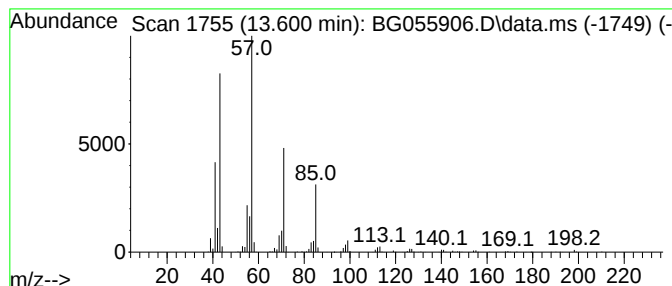
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.600	58.49 ng	1406500	Acenaphthene-d10	14.798

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		Tridecane	184	C13H28	000629-50-5	90
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	76
5		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055906.D
Acq On : 6 Dec 2022 16:41
Operator : CG/JU
Sample : N5884-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-3-120522

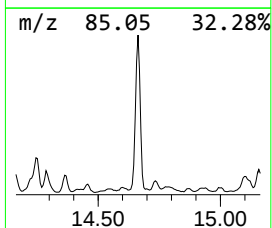
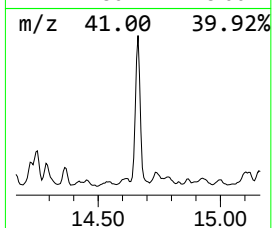
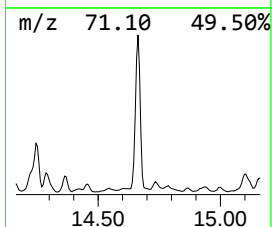
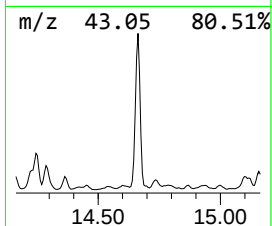
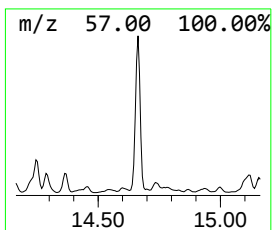
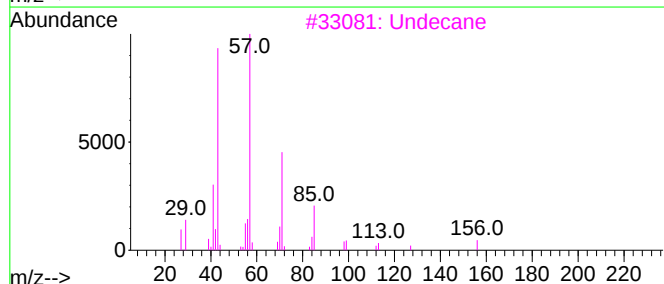
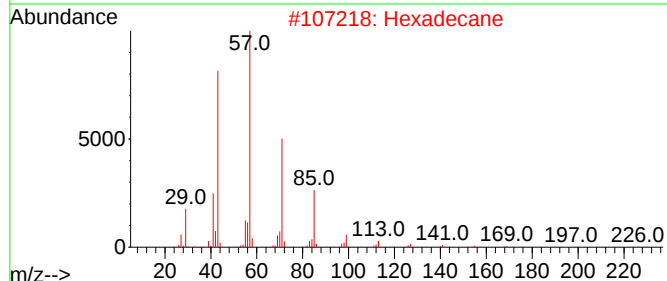
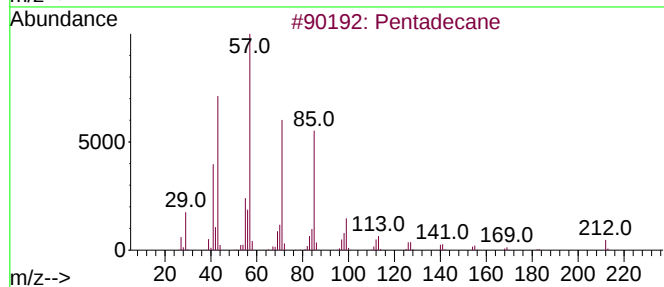
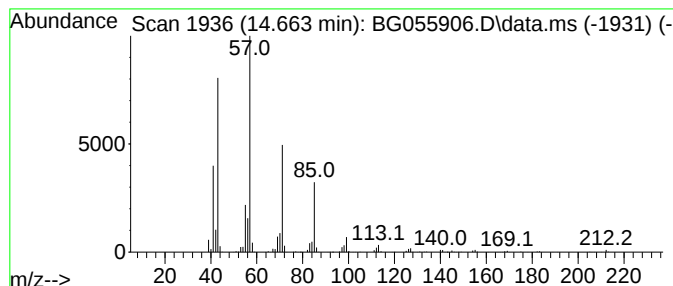
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.663	64.02 ng	1539700	Acenaphthene-d10	14.798

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	93
2		Hexadecane	226	C16H34	000544-76-3	91
3		Undecane	156	C11H24	001120-21-4	86
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5		Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055906.D
Acq On : 6 Dec 2022 16:41
Operator : CG/JU
Sample : N5884-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-3-120522

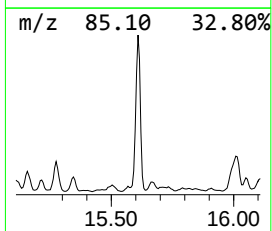
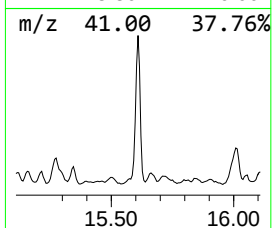
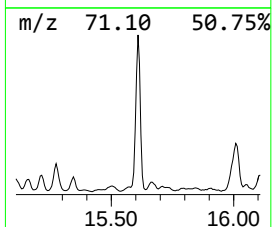
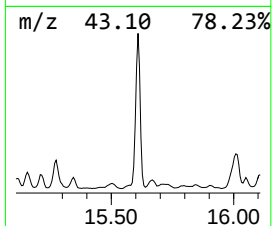
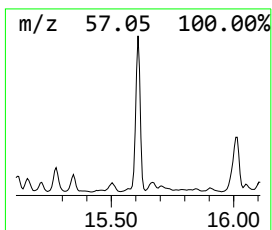
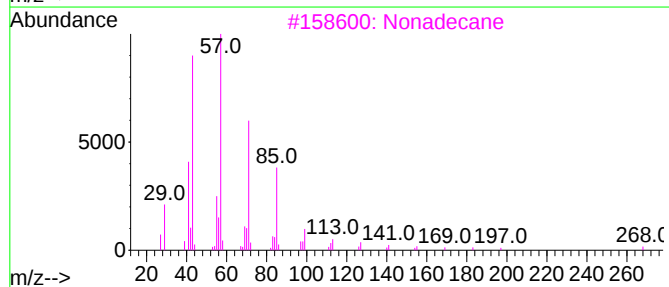
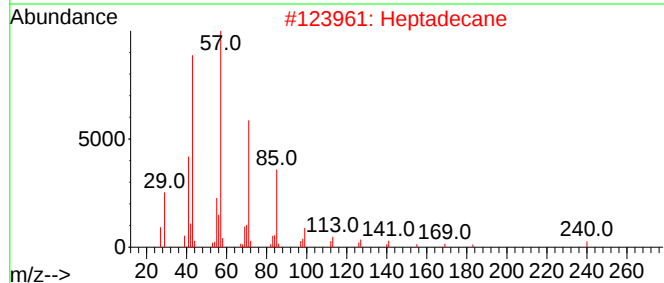
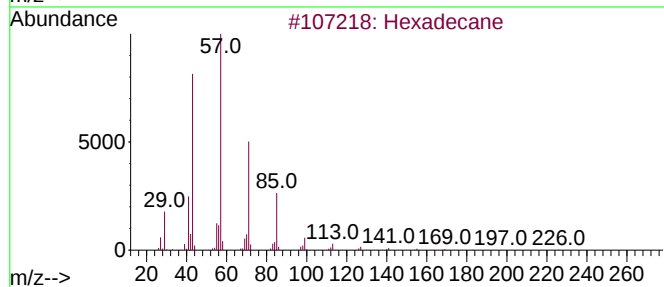
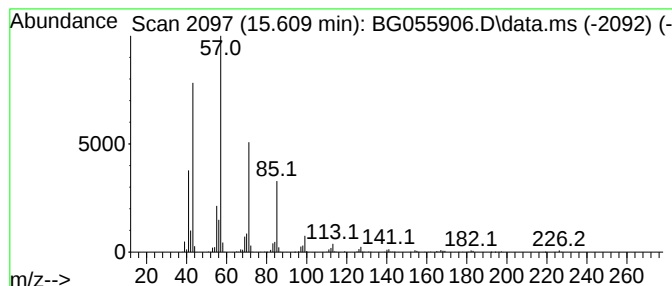
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.609	61.25 ng	1473030	Acenaphthene-d10	14.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	97
2			Heptadecane	240	C17H36	000629-78-7	90
3			Nonadecane	268	C19H40	000629-92-5	86
4			Tridecane	184	C13H28	000629-50-5	86
5			Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055906.D
Acq On : 6 Dec 2022 16:41
Operator : CG/JU
Sample : N5884-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

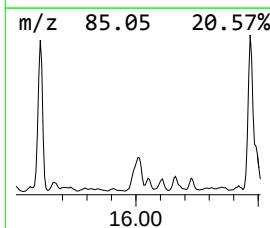
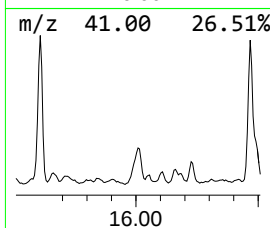
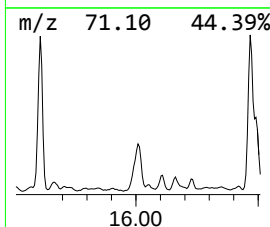
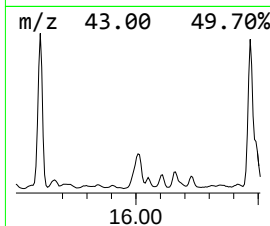
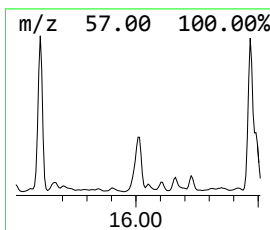
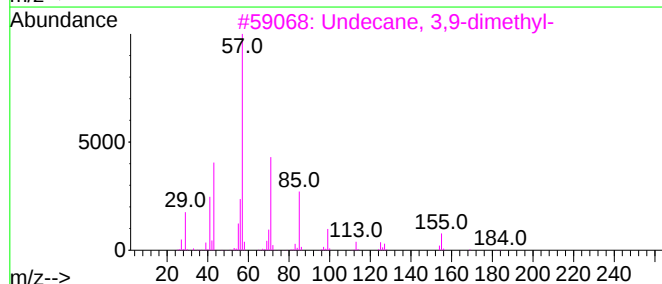
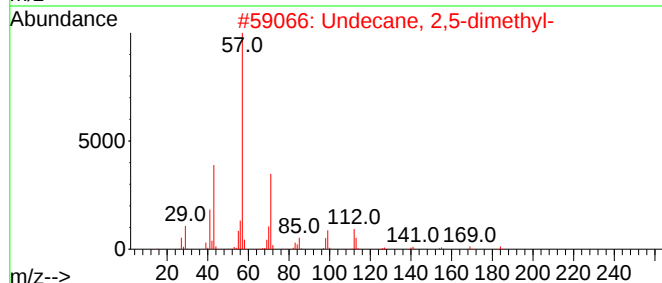
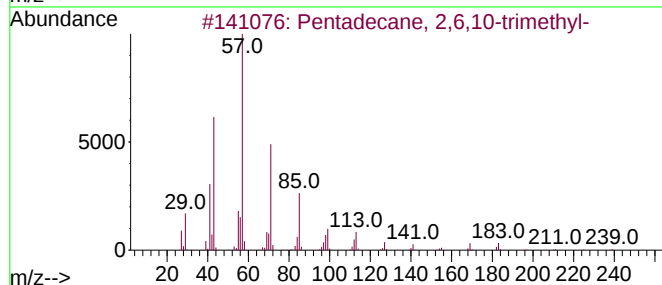
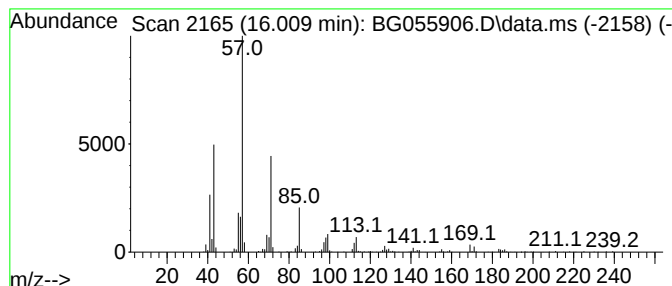
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane, 2,6,10-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.009	28.32 ng	681164	Acenaphthene-d10		14.798	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	90
2	Undecane, 2,5-dimethyl-		184	C13H28	017301-22-3	76
3	Undecane, 3,9-dimethyl-		184	C13H28	017301-31-4	64
4	3-Methyl-4-(methoxycarbonyl)hexa...		184	C9H12O4	1010104-10-8	60
5	Undecane, 3,6-dimethyl-		184	C13H28	017301-28-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055906.D
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Operator : CG/JU
Sample : N5884-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

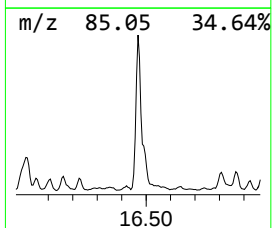
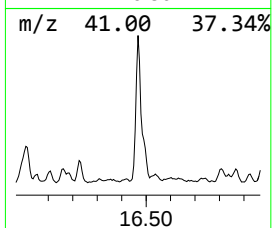
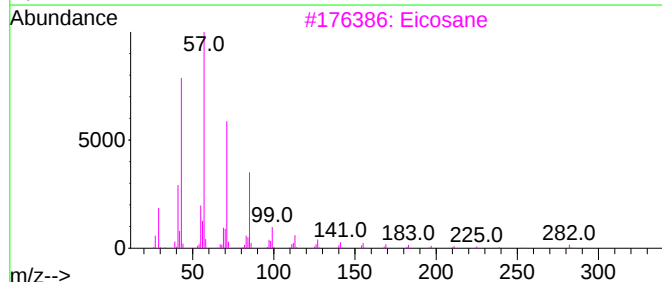
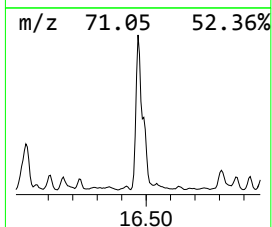
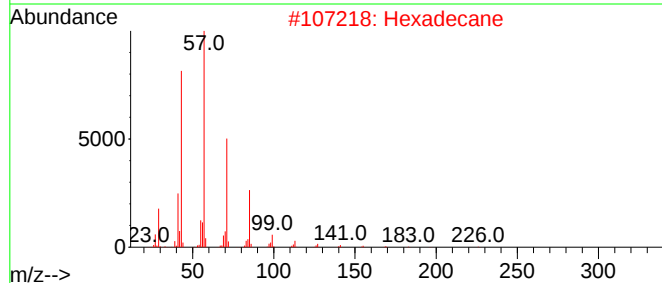
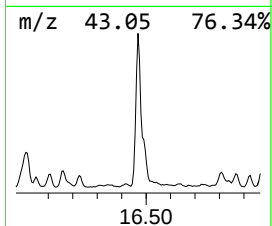
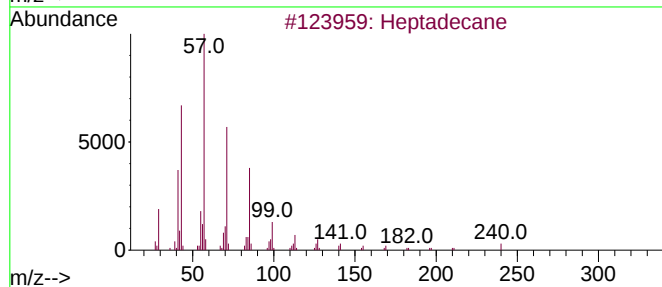
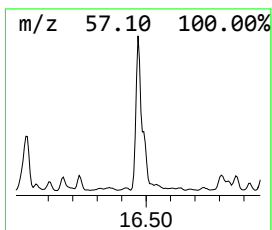
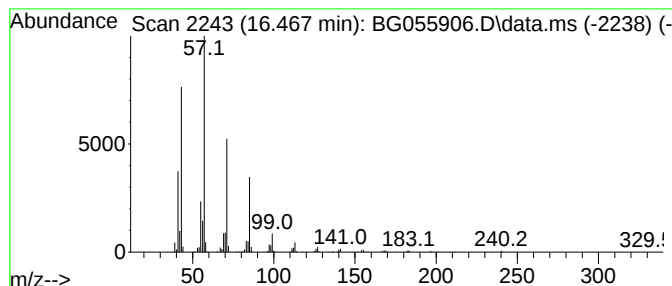
Instrument :
BNA_G
ClientSampleId :
EO-3-120522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.467	69.56 ng	2034760	Phenanthrene-d10		17.542	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	95
2	Hexadecane		226	C16H34	000544-76-3	91
3	Eicosane		282	C20H42	000112-95-8	87
4	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86
5	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055906.D
Acq On : 6 Dec 2022 16:41
Operator : CG/JU
Sample : N5884-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-3-120522

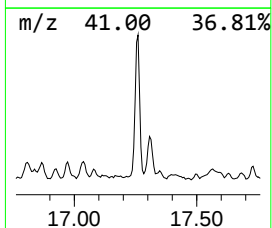
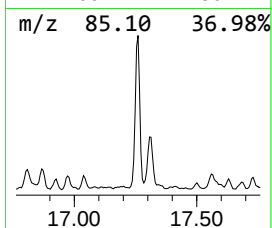
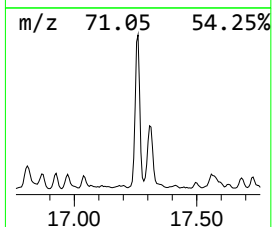
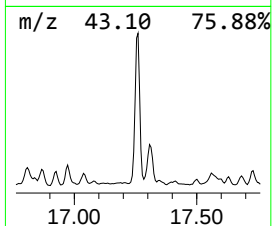
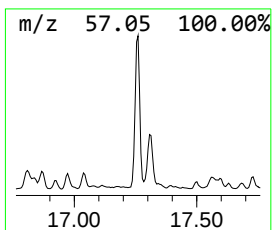
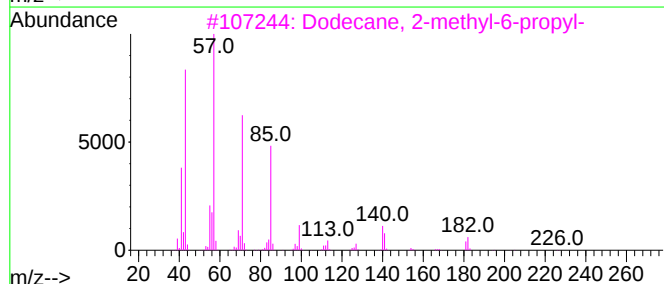
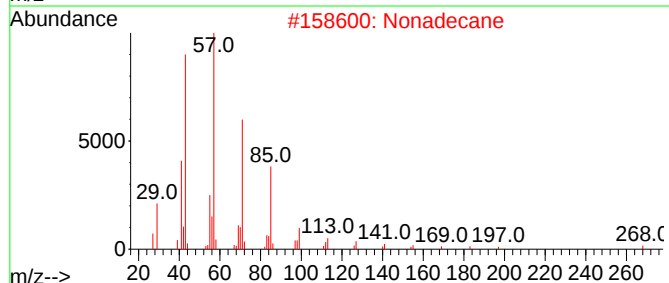
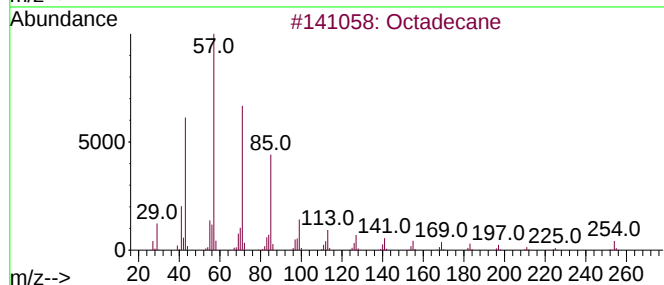
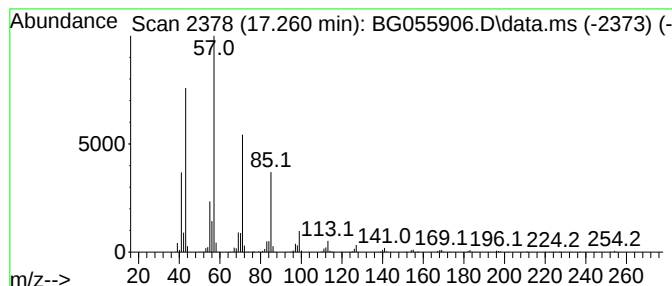
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.260	41.00 ng	1199420	Phenanthrene-d10	17.542

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	95
2		Nonadecane	268	C19H40	000629-92-5	91
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055906.D
Acq On : 6 Dec 2022 16:41
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Misc :
ALS Vial : 8 Sample Multiplier: 1

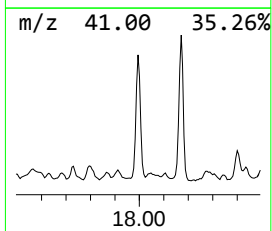
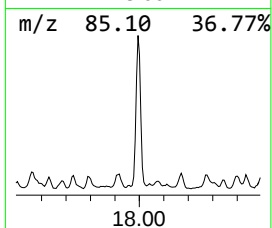
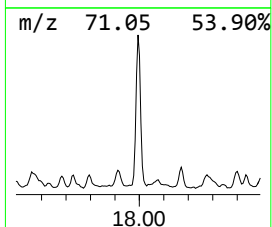
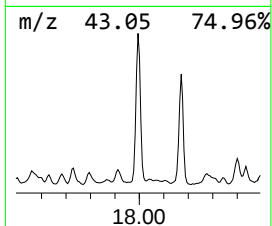
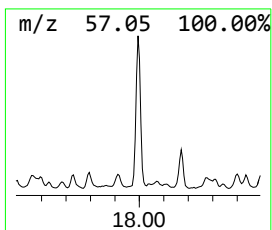
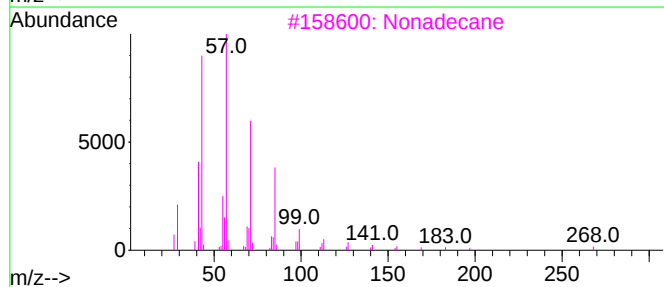
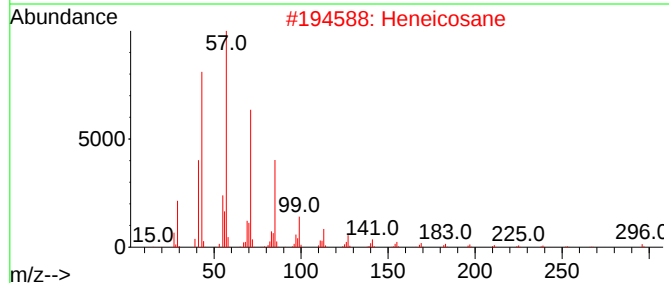
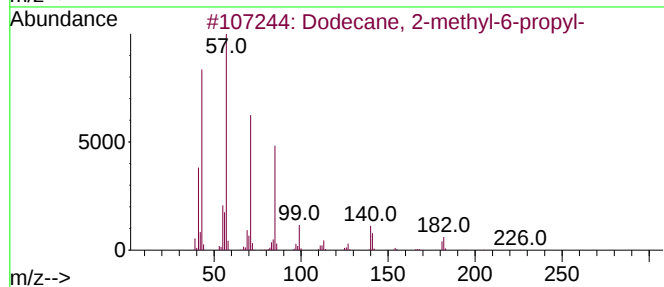
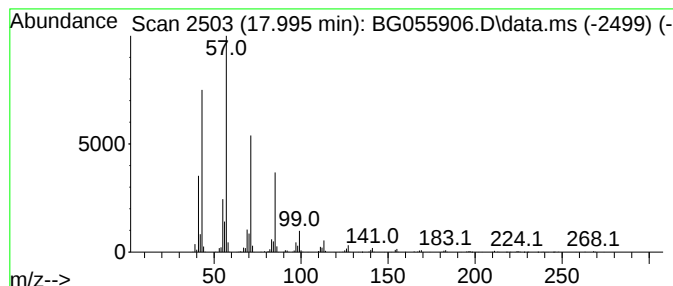
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dodecane, 2-methyl-6-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.994	37.12 ng	1085690	Phenanthrene-d10		17.542	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	94
2	Heneicosane		296	C21H44	000629-94-7	91
3	Nonadecane		268	C19H40	000629-92-5	91
4	Tetracosane		338	C24H50	000646-31-1	90
5	Hexadecane		226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055906.D
Acq On : 6 Dec 2022 16:41
Operator : CG/JU
Sample : N5884-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

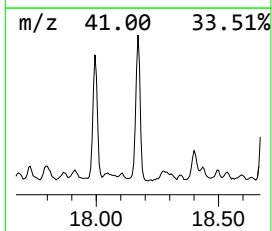
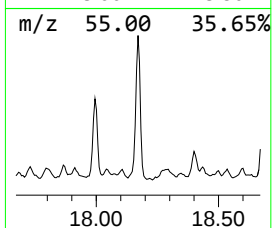
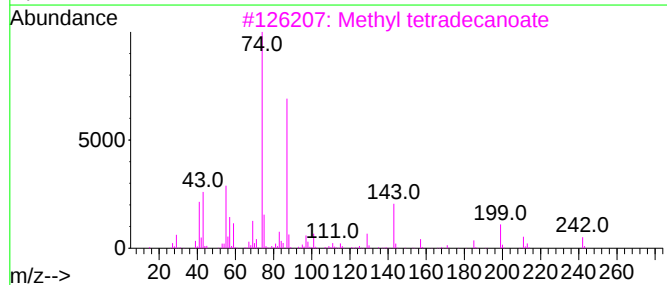
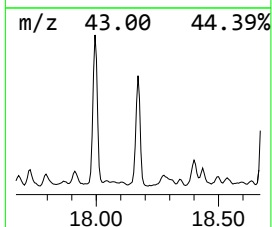
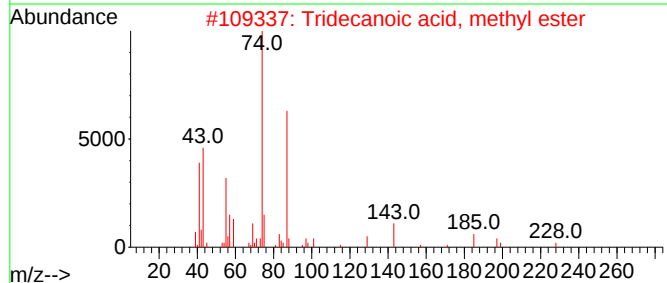
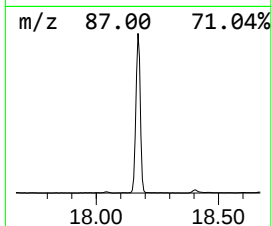
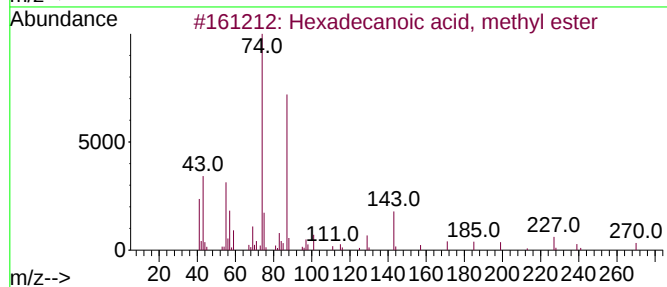
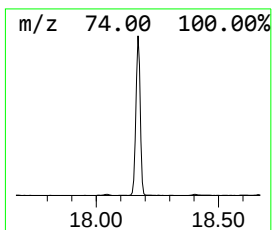
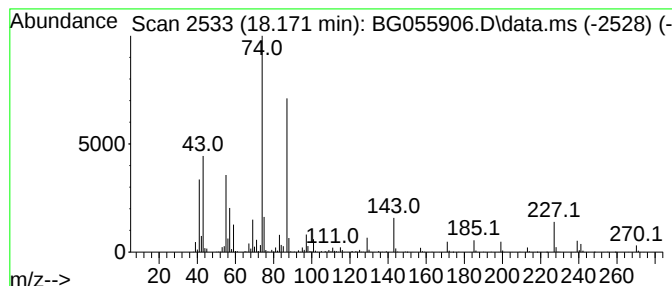
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ClientSampleId :
EO-3-120522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecanoic acid, methyl e... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD			R.T.
18.171	56.06 ng	1639670	Phenanthrene-d10			17.542
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester		270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester		228	C14H28O2	001731-88-0	96
3	Methyl tetradecanoate		242	C15H30O2	000124-10-7	94
4	Pentadecanoic acid, 14-methyl-, ...		270	C17H34O2	005129-60-2	93
5	Hexadecanoic acid, 2-methyl-		270	C17H34O2	027147-71-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055906.D
Acq On : 6 Dec 2022 16:41
Operator : CG/JU
Sample : N5884-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-3-120522

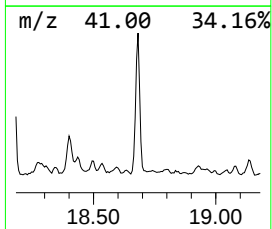
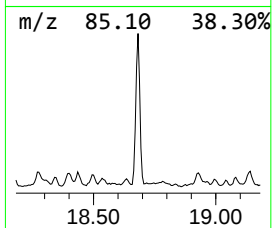
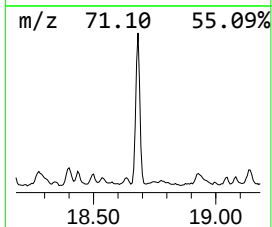
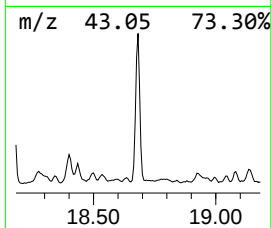
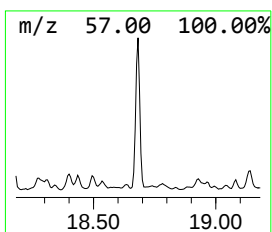
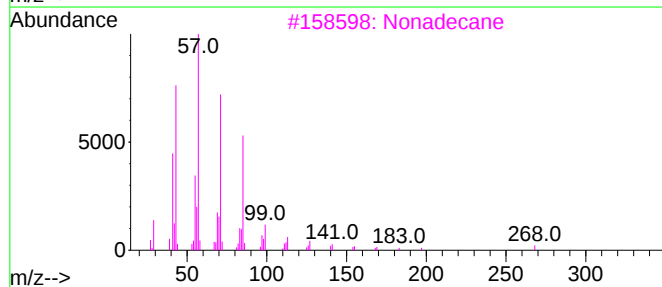
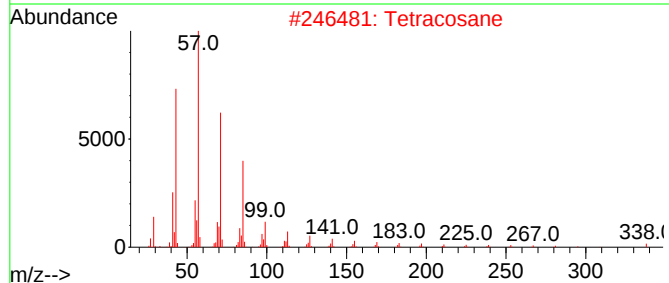
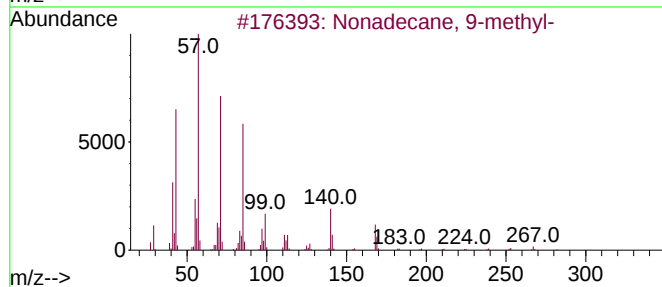
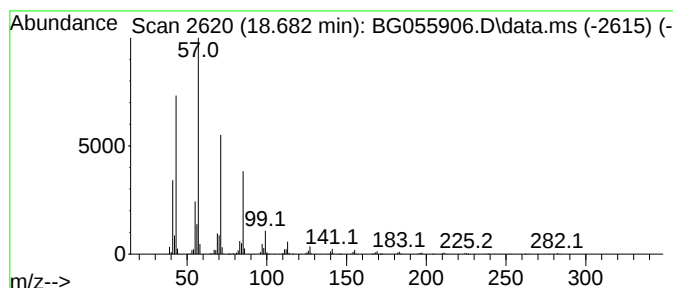
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Nonadecane, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.682	31.13 ng	910547	Phenanthrene-d10	17.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
2			Tetracosane	338	C24H50	000646-31-1	91
3			Nonadecane	268	C19H40	000629-92-5	90
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
5			Pentadecane	212	C15H32	000629-62-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055906.D
Acq On : 6 Dec 2022 16:41
Operator : CG/JU
Sample : N5884-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

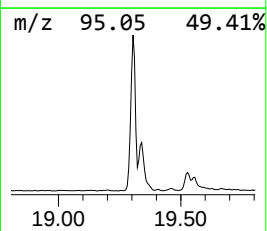
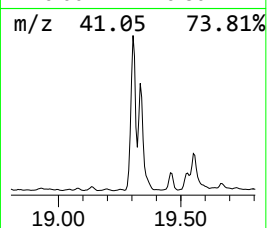
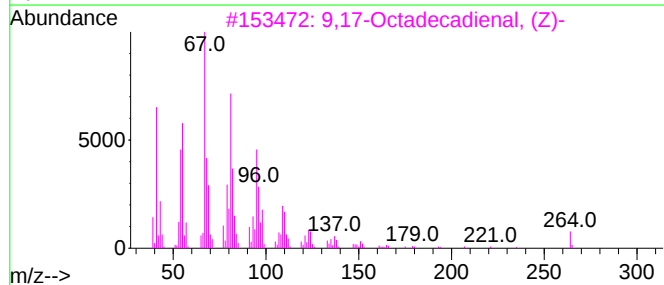
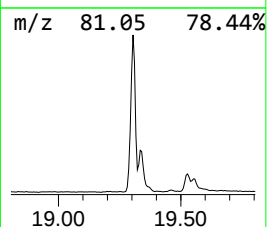
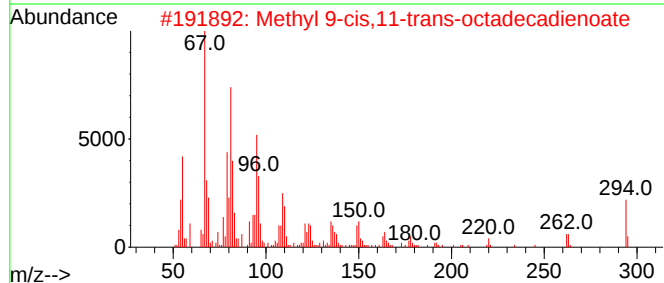
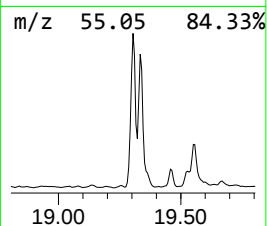
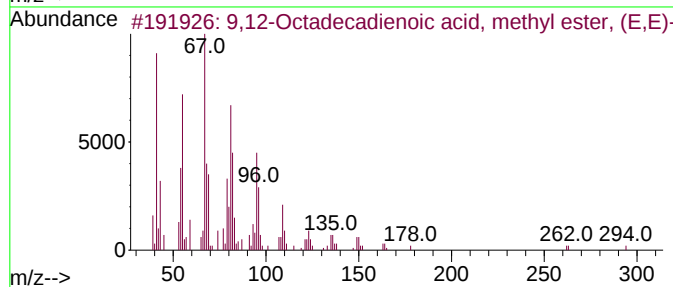
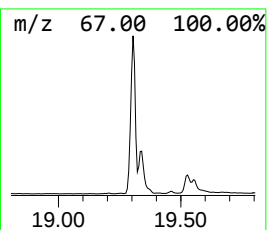
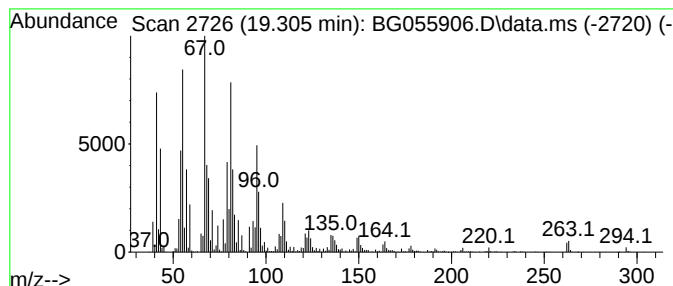
Instrument :
BNA_G
ClientSampleId :
EO-3-120522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.305	198.06 ng	5793390	Phenanthrene-d10	17.542	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	98
3	9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	96
4	11-Octadecynoic acid, methyl ester	294	C19H34O2	026543-37-3	94
5	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055906.D
Acq On : 6 Dec 2022 16:41
Operator : CG/JU
Sample : N5884-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

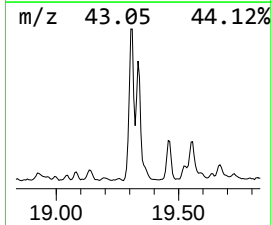
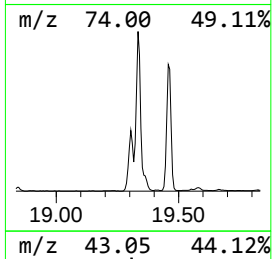
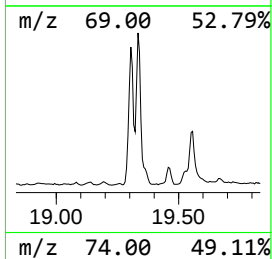
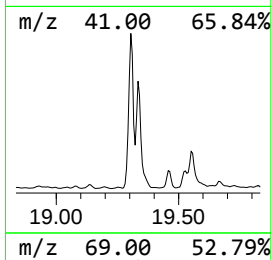
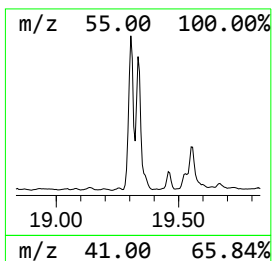
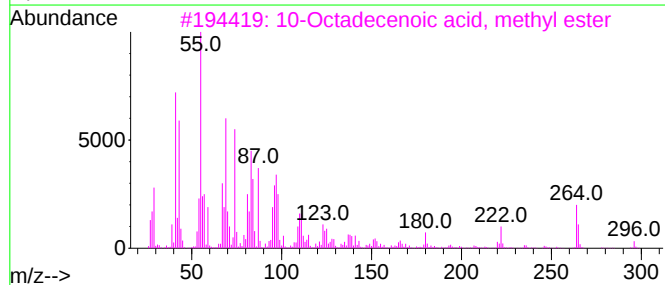
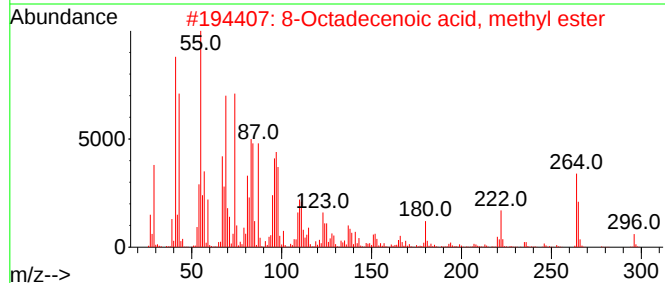
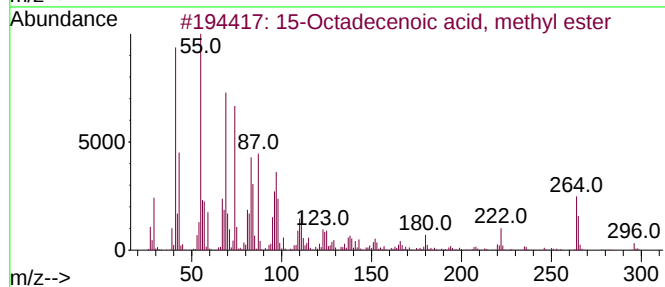
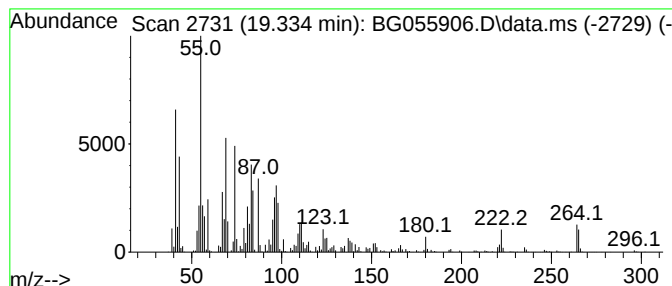
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 15-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.334	127.27 ng	3722680	Phenanthrene-d10	17.542	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	96
2	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	94
3	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	94
4	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	93
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
 Data File : BG055906.D
 Acq On : 6 Dec 2022 16:41
 Operator : CG/JU
 Sample : N5884-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-3-120522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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
2-Pentanone, 4-...	5.210	40.7	ng	381225	1	8.165	187449	20.0
Benzene, 2-ethe...	10.380	26.2	ng	366400	2	10.991	279269	20.0
Dodecane	10.938	57.5	ng	803492	2	10.991	279269	20.0
Undecane, 2,6-d...	11.120	29.3	ng	409265	2	10.991	279269	20.0
unknown11.678	11.678	25.2	ng	352028	2	10.991	279269	20.0
Sulfurous acid,...	11.878	24.7	ng	345375	2	10.991	279269	20.0
Hexadecane, 7-m...	11.978	27.8	ng	388393	2	10.991	279269	20.0
Naphthalene, 1,...	12.172	27.9	ng	389645	2	10.991	279269	20.0
Tetradecane	12.372	83.0	ng	1158470	2	10.991	279269	20.0
Hexadecane	13.600	58.5	ng	1406500	3	14.798	480975	20.0
Pentadecane	14.663	64.0	ng	1539700	3	14.798	480975	20.0
Heptadecane	15.609	61.3	ng	1473030	3	14.798	480975	20.0
Pentadecane, 2,...	16.009	28.3	ng	681164	3	14.798	480975	20.0
Eicosane	16.467	69.6	ng	2034760	4	17.542	585018	20.0
Octadecane	17.260	41.0	ng	1199420	4	17.542	585018	20.0
Dodecane, 2-met...	17.994	37.1	ng	1085690	4	17.542	585018	20.0
Hexadecanoic ac...	18.171	56.1	ng	1639670	4	17.542	585018	20.0
Nonadecane, 9-m...	18.682	31.1	ng	910547	4	17.542	585018	20.0
9,12-Octadecadi...	19.305	198.1	ng	5793390	4	17.542	585018	20.0
15-Octadecenoic...	19.334	127.3	ng	3722680	4	17.542	585018	20.0