

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
 Data File : BG054137.D
 Acq On : 29 Jun 2022 3:59
 Operator : CG/JU
 Sample : N3512-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-3-062722

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-BG061322.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054137.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.644	377	384	395	rVB	70998	125648	25.21%	1.921%
2	7.236	648	655	665	rBV	76300	142674	28.62%	2.181%
3	8.076	787	798	805	rVB	113185	206485	41.42%	3.156%
4	8.359	843	846	852	rVB4	3730	6141	1.23%	0.094%
5	8.617	881	890	891	rBV5	3943	7988	1.60%	0.122%
6	8.711	902	906	913	rBV5	3482	8494	1.70%	0.130%
7	8.852	924	930	933	rBV5	3911	8864	1.78%	0.135%
8	8.917	937	941	945	rVV4	7491	14899	2.99%	0.228%
9	8.970	948	950	957	rVB5	4149	7061	1.42%	0.108%
10	9.187	978	987	990	rBV7	12875	32938	6.61%	0.503%
11	9.234	990	995	1001	rVV	49358	96269	19.31%	1.472%
12	9.299	1004	1006	1012	rVV3	11026	16731	3.36%	0.256%
13	9.393	1018	1022	1024	rBV3	7291	10340	2.07%	0.158%
14	9.434	1026	1029	1035	rVB6	13132	25441	5.10%	0.389%
15	9.516	1038	1043	1045	rBV3	6203	11187	2.24%	0.171%
16	9.551	1047	1049	1054	rVB5	4709	6917	1.39%	0.106%
17	9.645	1061	1065	1071	rVB6	3666	7272	1.46%	0.111%
18	9.722	1072	1078	1082	rVV7	6979	12075	2.42%	0.185%
19	9.804	1082	1092	1102	rVB8	19422	50013	10.03%	0.765%
20	9.968	1112	1120	1123	rBV7	7464	16944	3.40%	0.259%
21	10.010	1123	1127	1131	rVB6	10931	17268	3.46%	0.264%
22	10.068	1131	1137	1145	rBV6	21652	46837	9.40%	0.716%
23	10.127	1145	1147	1150	rBV3	4294	5744	1.15%	0.088%
24	10.156	1150	1152	1157	rVB5	3924	5118	1.03%	0.078%
25	10.227	1157	1164	1169	rBV7	12458	23542	4.72%	0.360%
26	10.292	1169	1175	1180	rBV7	12634	30178	6.05%	0.461%
27	10.462	1200	1204	1210	rBV4	9593	16736	3.36%	0.256%
28	10.515	1210	1213	1220	rVB5	10985	19978	4.01%	0.305%
29	10.585	1220	1225	1228	rBV2	11370	24597	4.93%	0.376%
30	10.673	1234	1240	1244	rBV6	10352	22155	4.44%	0.339%
31	10.744	1248	1252	1255	rBV4	7018	11553	2.32%	0.177%
32	10.785	1255	1259	1265	rVB7	5886	13057	2.62%	0.200%
33	10.885	1265	1276	1284	rBV	157359	378366	75.90%	5.784%
34	11.002	1292	1296	1299	rBV5	11007	19754	3.96%	0.302%
35	11.038	1300	1302	1308	rVB	25761	36517	7.33%	0.558%
36	11.102	1308	1313	1320	rBV9	16903	38236	7.67%	0.584%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.267	1336	1341	1343	rBV5	4413	7880	1.58%	0.120%
38	11.296	1343	1346	1351	rVV7	9489	19395	3.89%	0.296%
39	11.355	1351	1356	1366	rVB5	18545	52604	10.55%	0.804%
40	11.584	1385	1395	1402	rBV5	27589	82924	16.64%	1.268%
41	11.655	1403	1407	1412	rVB7	9128	17963	3.60%	0.275%
42	11.719	1414	1418	1424	rVV6	22088	40147	8.05%	0.614%
43	11.796	1424	1431	1439	rVV7	25813	59260	11.89%	0.906%
44	11.901	1445	1449	1453	rBV2	31864	56470	11.33%	0.863%
45	11.937	1453	1455	1460	rVV3	21759	33365	6.69%	0.510%
46	11.990	1461	1464	1470	rVB4	19238	31927	6.40%	0.488%
47	12.072	1473	1478	1485	rVB4	37961	77362	15.52%	1.183%
48	12.295	1507	1516	1520	rBV3	54370	110575	22.18%	1.690%
49	12.501	1547	1551	1559	rVB6	26916	64129	12.86%	0.980%
50	12.618	1567	1571	1572	rBV3	9330	11929	2.39%	0.182%
51	12.783	1594	1599	1605	rBV3	41749	75956	15.24%	1.161%
52	12.918	1620	1622	1627	rVB4	18217	22480	4.51%	0.344%
53	13.094	1649	1652	1657	rVB5	22727	31772	6.37%	0.486%
54	13.194	1665	1669	1672	rBV4	12340	23808	4.78%	0.364%
55	13.241	1673	1677	1683	rVV2	53676	100881	20.24%	1.542%
56	13.323	1685	1691	1702	rVV	144439	247090	49.57%	3.777%
57	13.411	1702	1706	1711	rVB7	14996	25274	5.07%	0.386%
58	13.523	1719	1725	1733	rBV2	61037	103559	20.77%	1.583%
59	13.646	1743	1746	1750	rVB2	25665	41819	8.39%	0.639%
60	13.693	1751	1754	1758	rVB4	23471	31263	6.27%	0.478%
61	13.729	1758	1760	1762	rBV2	5296	5007	1.00%	0.077%
62	13.993	1799	1805	1808	rBV8	17675	39885	8.00%	0.610%
63	14.175	1834	1836	1840	rVB	27121	31708	6.36%	0.485%
64	14.222	1840	1844	1850	rVV5	22564	42015	8.43%	0.642%
65	14.287	1851	1855	1860	rVB7	21000	37870	7.60%	0.579%
66	14.592	1902	1907	1912	rVB	43335	61183	12.27%	0.935%
67	14.704	1920	1926	1932	rVB	236210	403790	81.00%	6.172%
68	15.215	2009	2013	2021	rVB9	15405	28736	5.76%	0.439%
69	15.344	2028	2035	2044	rVB9	16243	45011	9.03%	0.688%
70	15.421	2046	2048	2050	rBV3	7753	7188	1.44%	0.110%
71	15.497	2057	2061	2063	rBV5	9469	15379	3.09%	0.235%
72	15.538	2064	2068	2073	rVB	37807	54642	10.96%	0.835%
73	15.644	2082	2086	2093	rVB8	8167	16774	3.36%	0.256%
74	15.738	2099	2102	2105	rBV5	5843	7644	1.53%	0.117%
75	15.920	2128	2133	2134	rBV5	6953	12006	2.41%	0.184%
76	15.944	2135	2137	2147	rVB5	15595	30456	6.11%	0.466%

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77	16.026	2149	2151	2159	rVB9	9550	16052	3.22%	0.245%
78	16.097	2159	2163	2166	rBV5	4131	7586	1.52%	0.116%
79	16.185	2172	2178	2186	rBV	100241	165851	33.27%	2.535%
80	16.396	2210	2214	2217	rBV	13625	19654	3.94%	0.300%
81	16.525	2233	2236	2239	rBV4	3610	5167	1.04%	0.079%
82	16.802	2279	2283	2288	rBV5	7758	11245	2.26%	0.172%
83	17.189	2344	2349	2353	rBV	13140	19961	4.00%	0.305%
84	17.248	2355	2359	2364	rVB7	8115	13879	2.78%	0.212%
85	17.448	2386	2393	2399	rBV	297916	478687	96.03%	7.317%
86	17.930	2471	2475	2479	rBV3	10983	15113	3.03%	0.231%
87	17.971	2480	2482	2485	rVV4	6210	6913	1.39%	0.106%
88	18.024	2488	2491	2498	rBV9	5695	11060	2.22%	0.169%
89	18.100	2500	2504	2510	rVB	70579	100296	20.12%	1.533%
90	18.329	2540	2543	2547	rBV5	17512	28105	5.64%	0.430%
91	18.623	2589	2593	2596	rBV2	11145	13748	2.76%	0.210%
92	19.240	2693	2698	2700	rBV2	218949	303738	60.93%	4.643%
93	19.269	2700	2703	2713	rVB2	239199	323199	64.84%	4.941%
94	19.399	2722	2725	2730	rBV	40176	53017	10.64%	0.810%
95	20.051	2831	2836	2841	rBV	244437	320836	64.36%	4.904%
96	21.725	3115	3121	3127	rVB	290640	498487	100.00%	7.620%
97	24.992	3671	3677	3687	rVB2	132282	396085	79.46%	6.055%

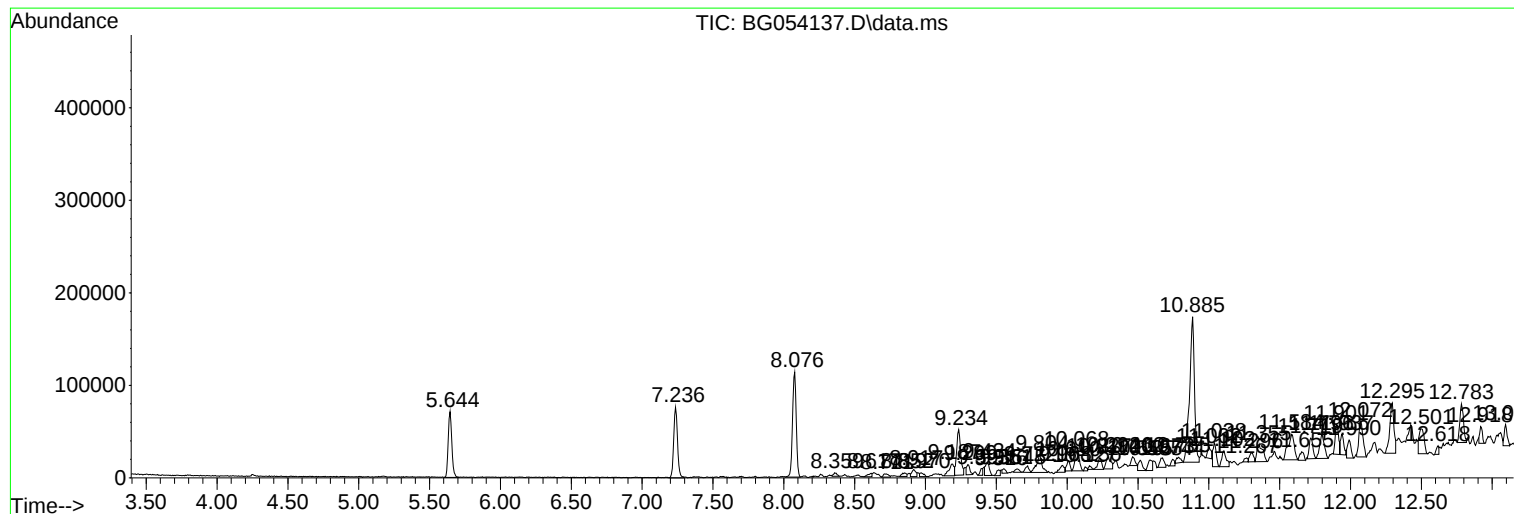
Sum of corrected areas: 6541822

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.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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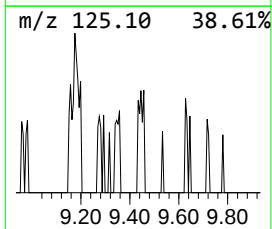
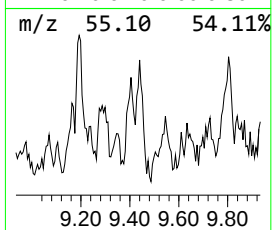
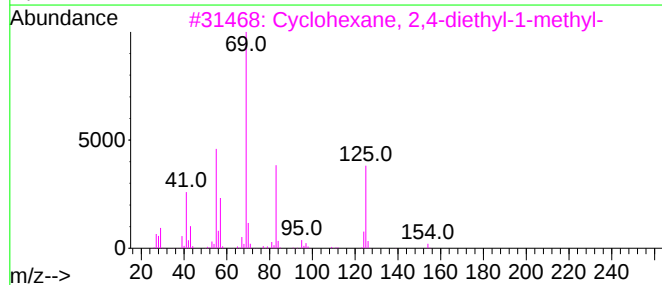
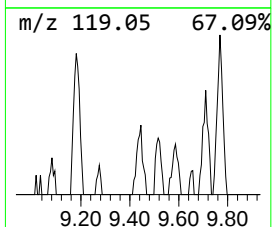
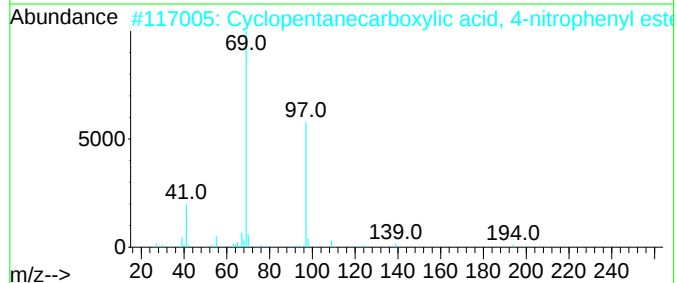
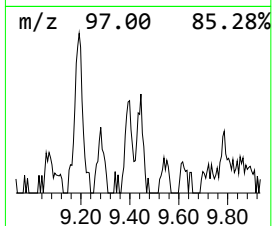
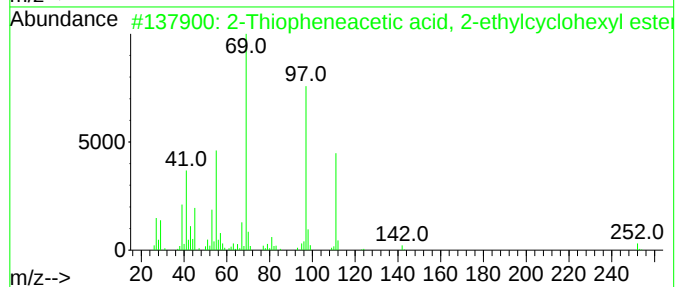
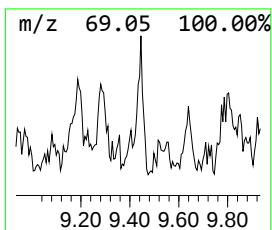
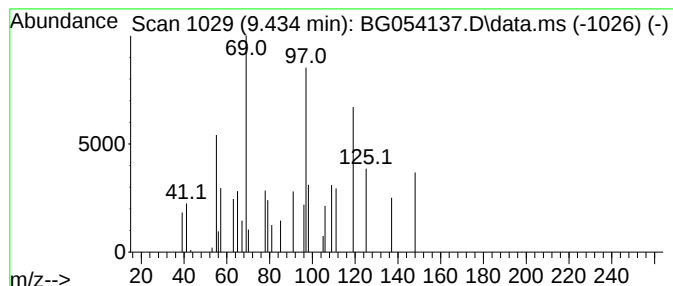
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown9.434 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.434	2.46 ng	25441	1,4-Dichlorobenzene-d4	8.071

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiopheneacetic acid, 2-ethylc...	252	C14H20O2S	1000278-96-1	17		
2	Cyclopentanecarboxylic acid, 4-n...	235	C12H13NO4	1000307-58-0	17		
3	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	12		
4	(2,4-Dimethylcyclohexyl)methanol...	142	C9H18O	1000499-02-8	12		
5	3-Hexene, 3-methyl-, (E)-	98	C7H14	003899-36-3	11		



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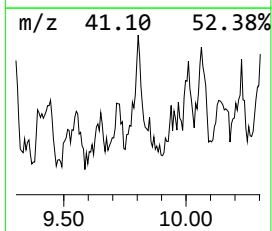
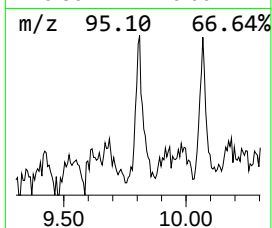
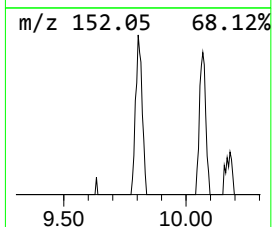
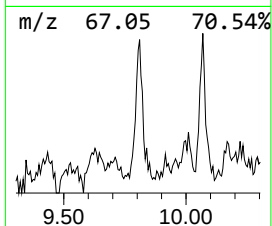
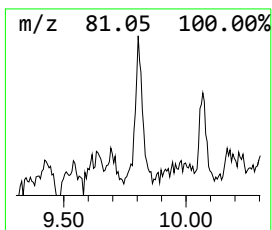
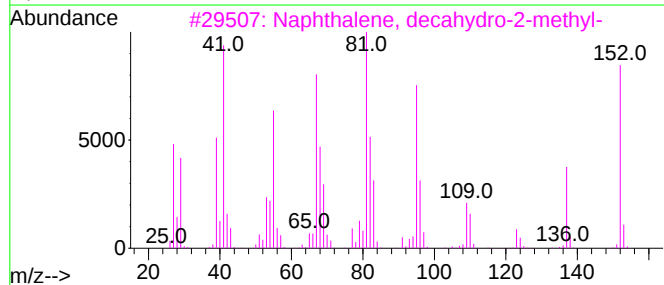
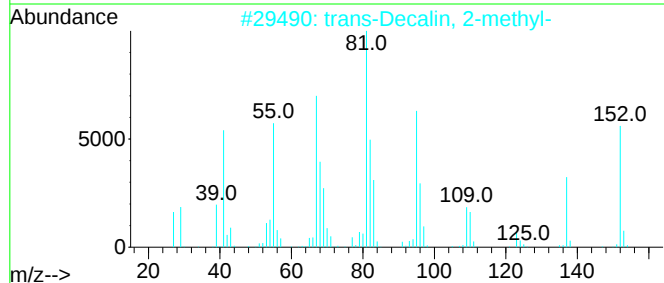
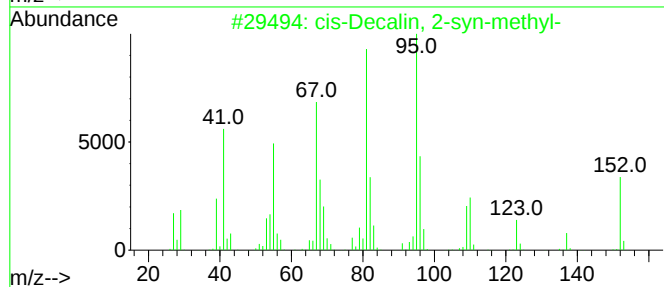
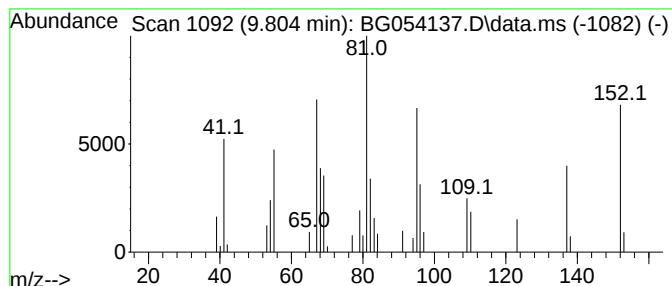
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 cis-Decalin, 2-syn-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.804	2.64 ng	50013	Naphthalene-d8	10.885

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	95
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	94
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	94
4			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	90
5			Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	70



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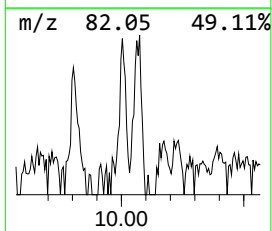
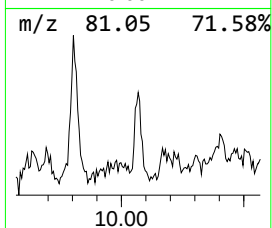
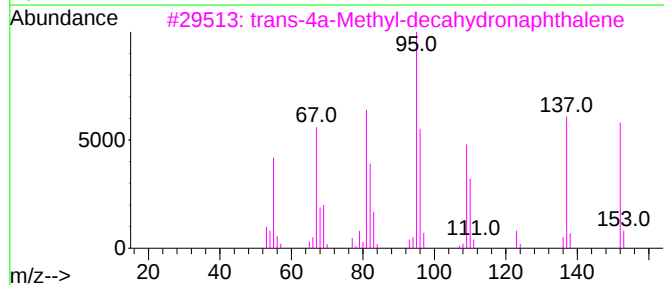
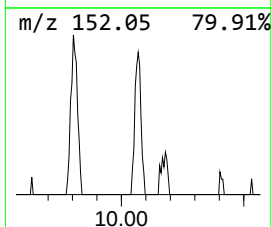
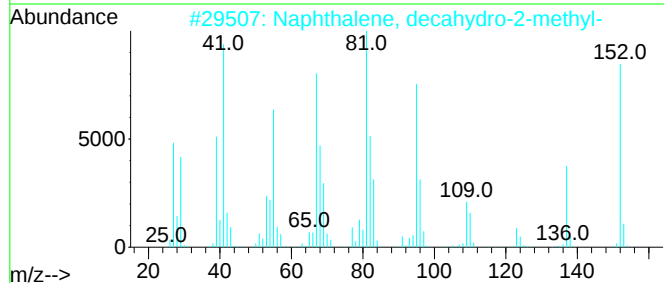
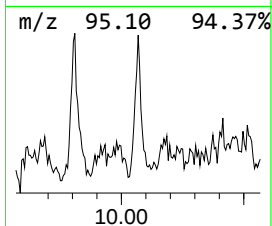
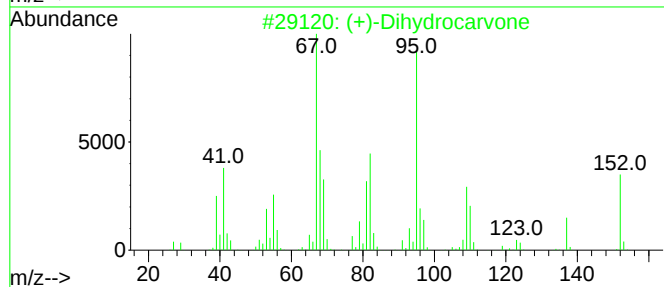
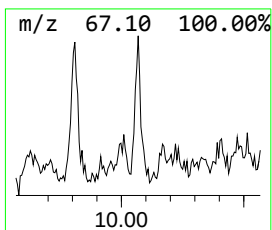
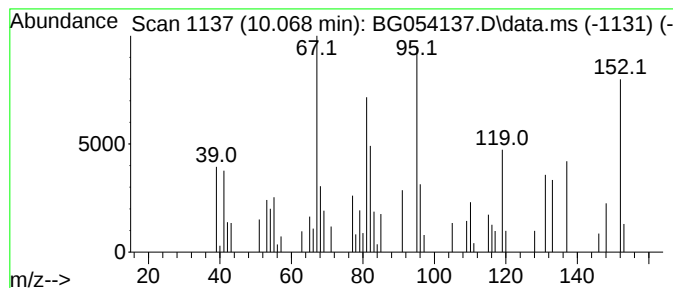
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (+)-Dihydrocarvone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.068	2.48 ng	46837	Naphthalene-d8	10.885

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(+)-Dihydrocarvone	152	C10H16O	005524-05-0	62
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	62
3			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	58
4			2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	46
5			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054137.D
Acq On : 29 Jun 2022 3:59
Operator : CG/JU
Sample : N3512-01 5X
Misc :
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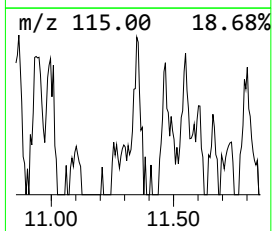
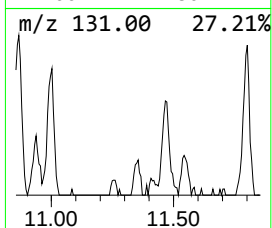
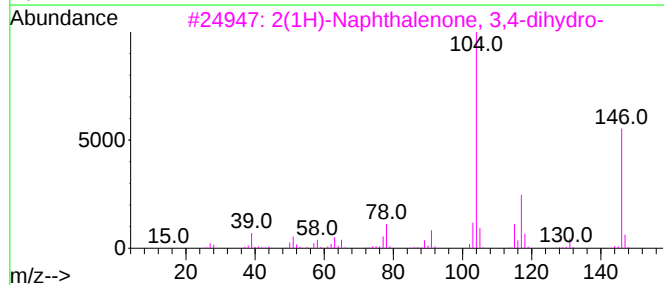
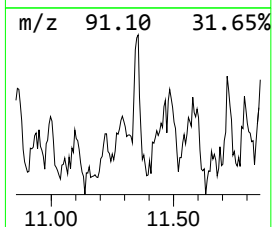
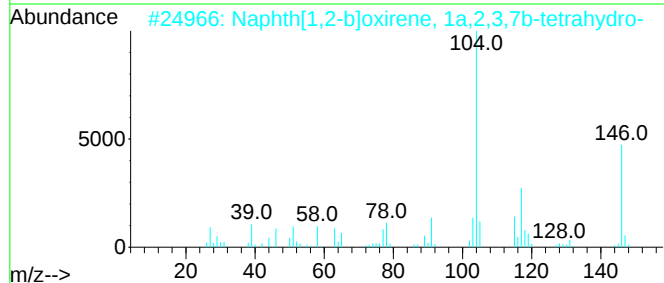
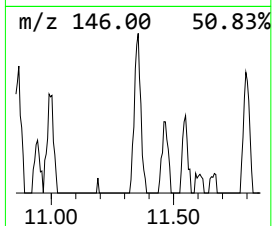
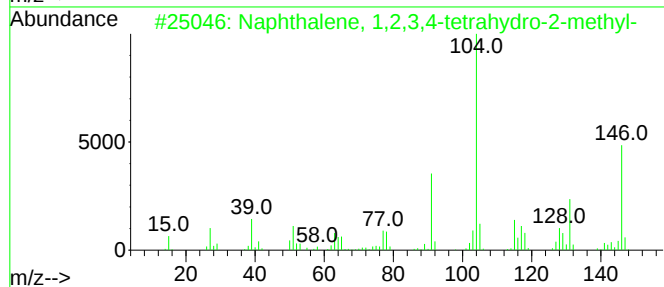
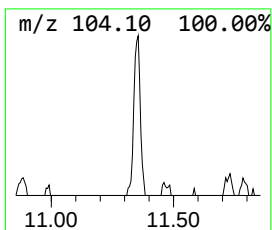
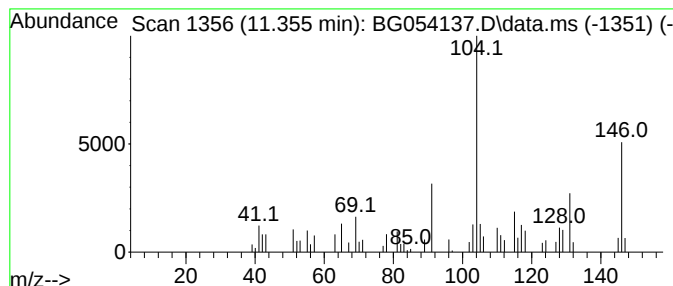
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.355	2.78 ng	52604	Naphthalene-d8	10.885	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	96
2	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	70
3	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	58
4	5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	53
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054137.D
Acq On : 29 Jun 2022 3:59
Operator : CG/JU
Sample : N3512-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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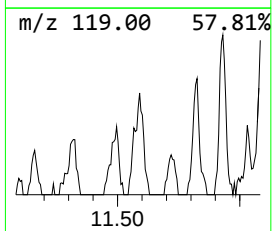
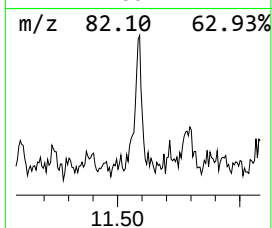
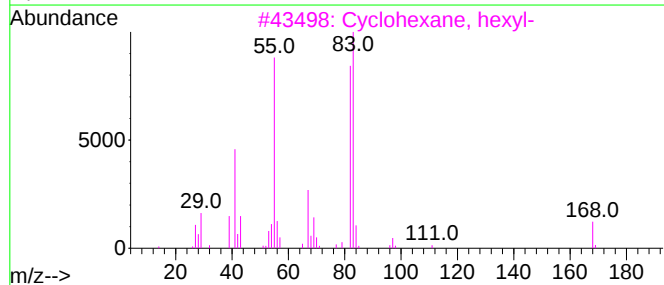
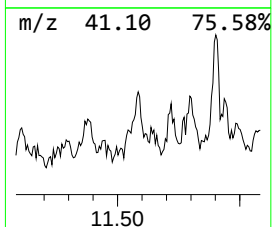
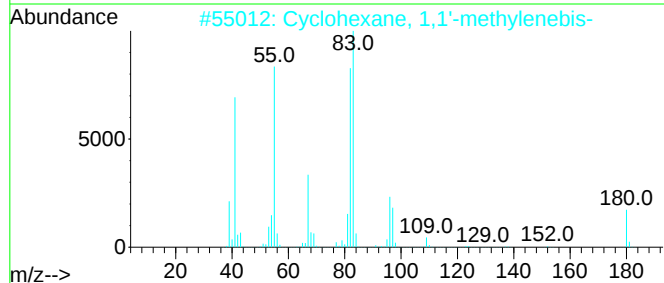
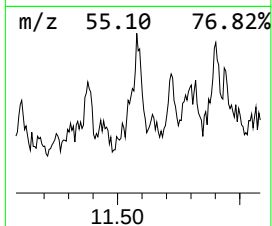
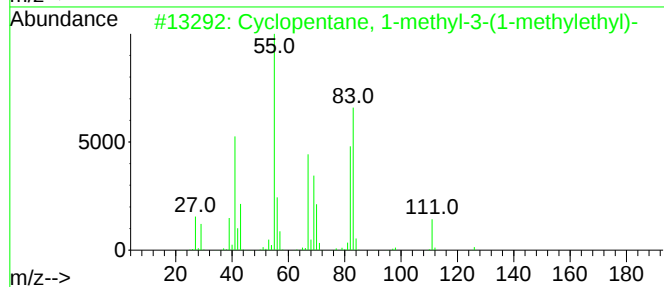
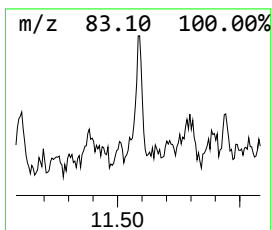
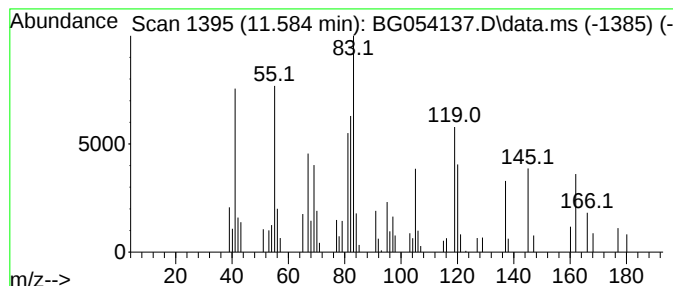
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown11.584 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.584	4.38 ng	82924	Naphthalene-d8	10.885

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	35
2			Cyclohexane, 1,1'-methylenebis-	180	C13H24	003178-23-2	27
3			Cyclohexane, hexyl-	168	C12H24	004292-75-5	27
4			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	22
5			Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054137.D
Acq On : 29 Jun 2022 3:59
Operator : CG/JU
Sample : N3512-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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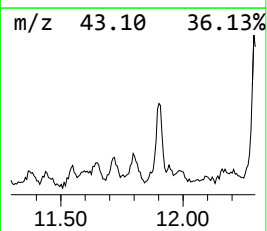
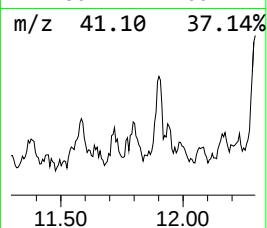
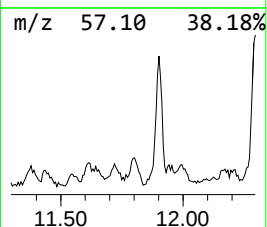
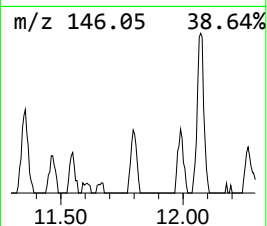
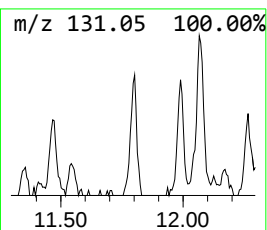
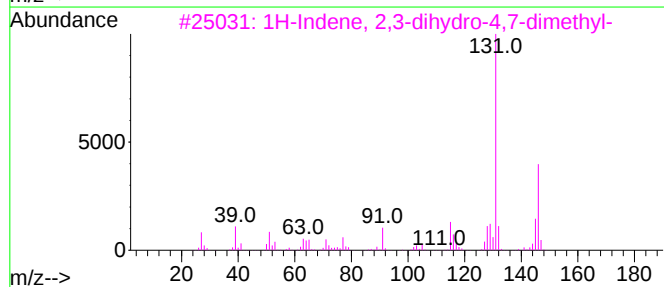
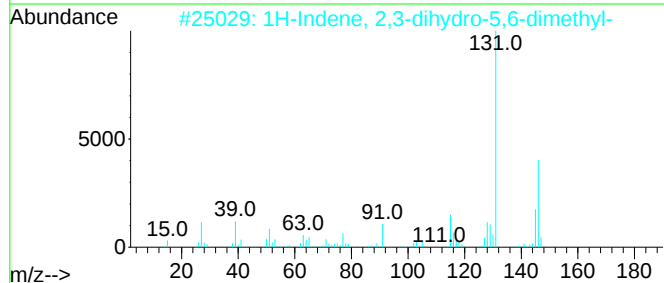
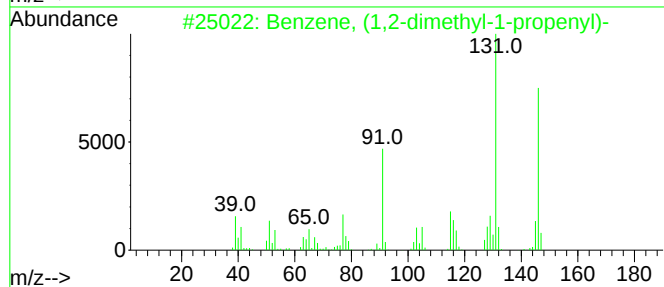
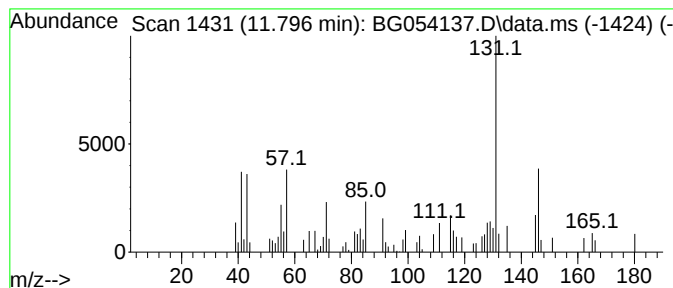
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, (1,2-dimethyl-1-propenyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.796	3.13 ng	59260	Naphthalene-d8	10.885

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94
2			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
4			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	81
5			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054137.D
Acq On : 29 Jun 2022 3:59
Operator : CG/JU
Sample : N3512-01 5X
Misc :
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Instrument :
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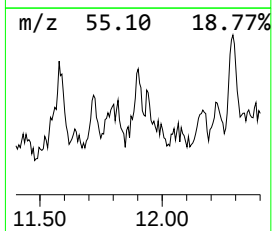
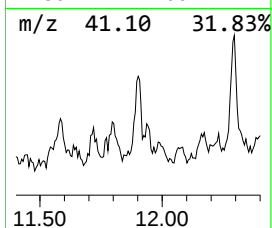
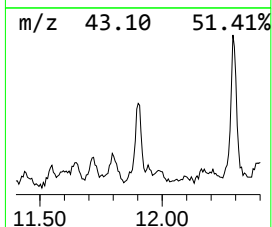
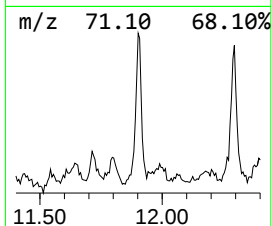
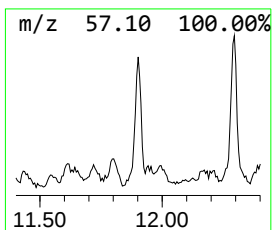
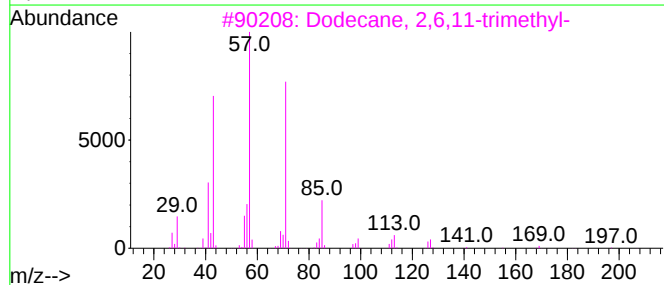
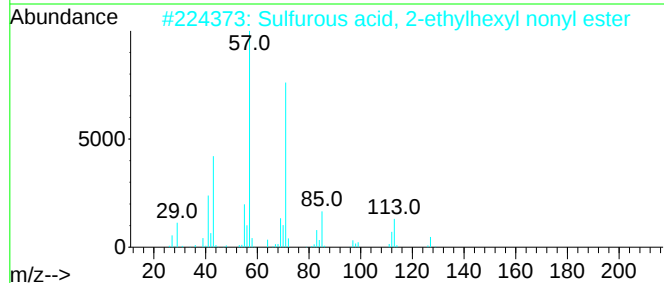
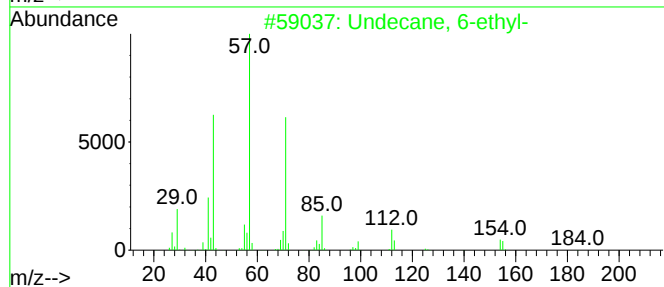
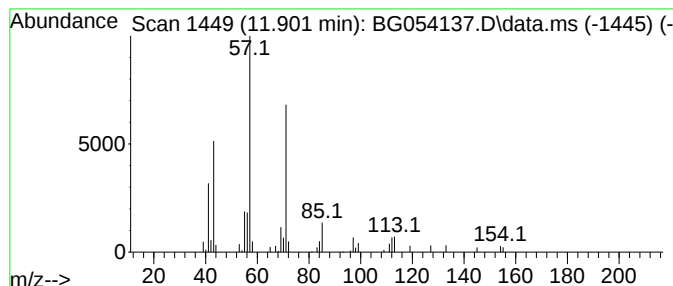
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane, 6-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.901	2.98 ng	56470	Naphthalene-d8	10.885

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
2			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	64
5			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054137.D
Acq On : 29 Jun 2022 3:59
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Sample : N3512-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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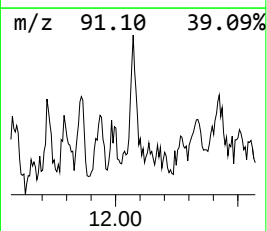
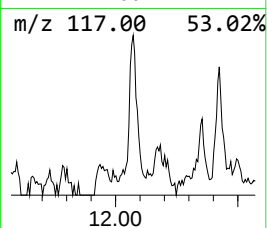
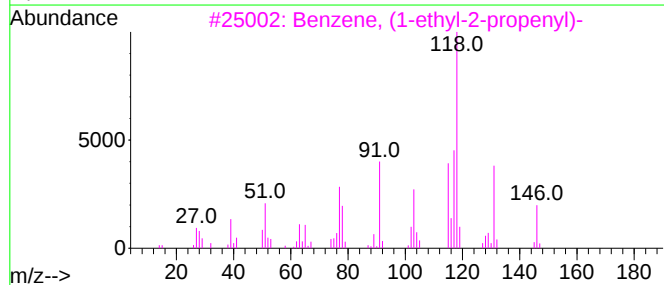
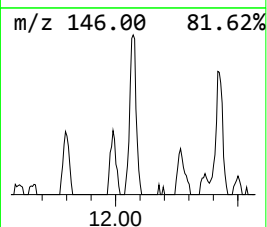
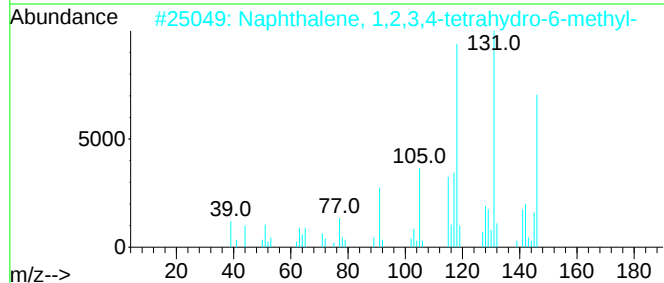
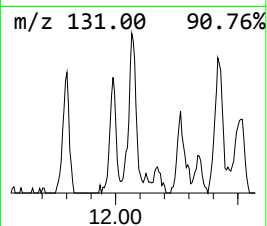
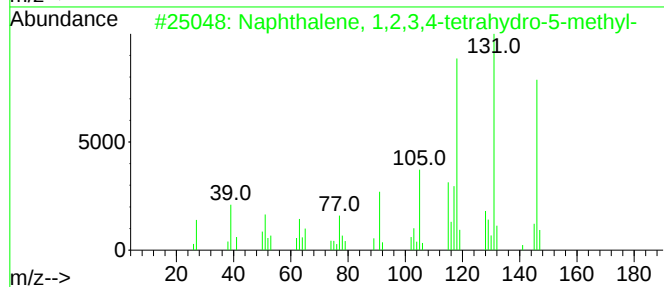
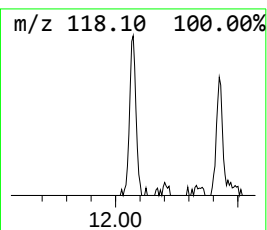
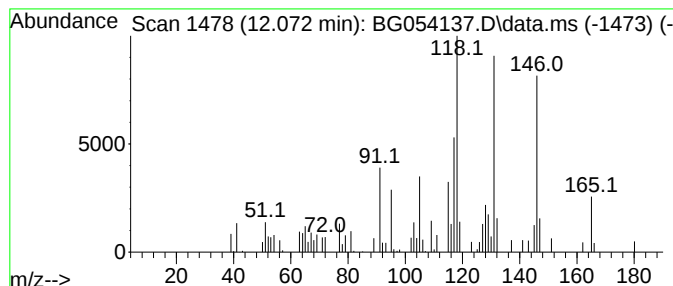
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.072	4.09 ng	77362	Naphthalene-d8	10.885

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
3			Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	81
4			2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	55
5			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054137.D
Acq On : 29 Jun 2022 3:59
Operator : CG/JU
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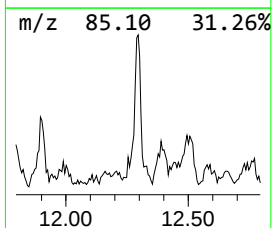
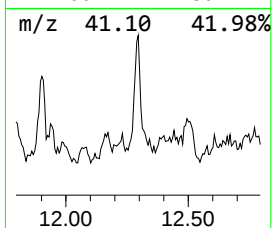
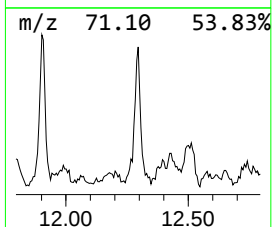
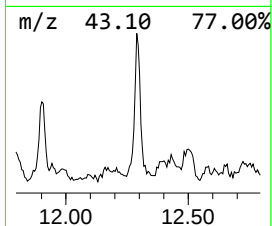
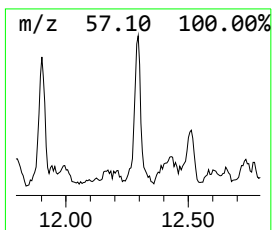
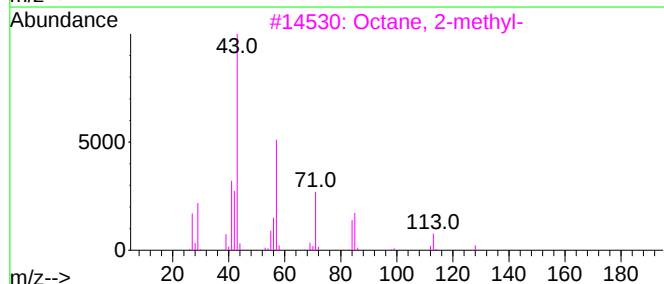
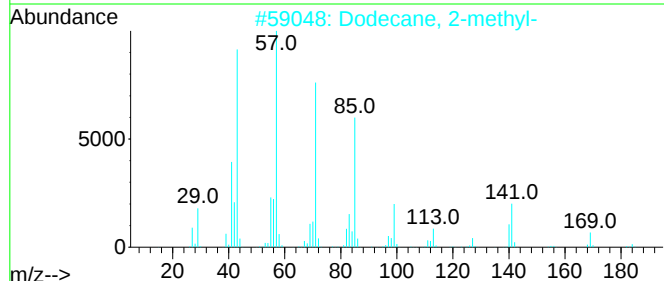
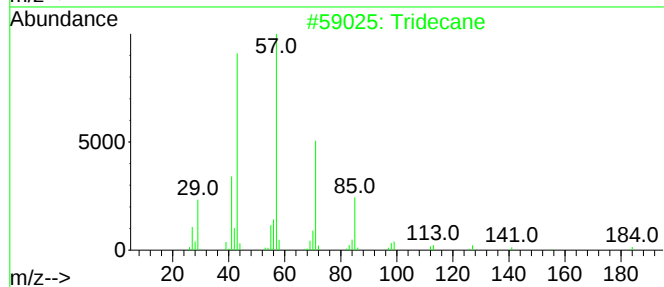
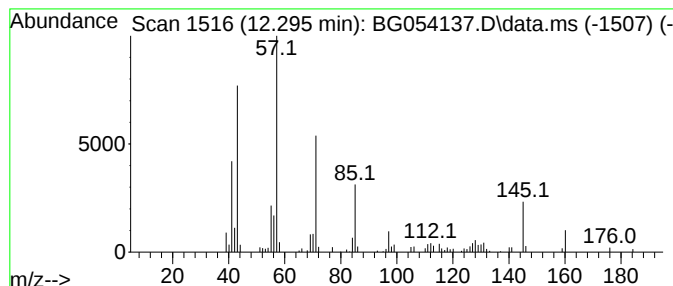
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.295	5.84 ng	110575	Naphthalene-d8	10.885

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	60
2			Dodecane, 2-methyl-	184	C13H28	001560-97-0	55
3			Octane, 2-methyl-	128	C9H20	003221-61-2	49
4			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	47
5			Hexadecane	226	C16H34	000544-76-3	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054137.D
Acq On : 29 Jun 2022 3:59
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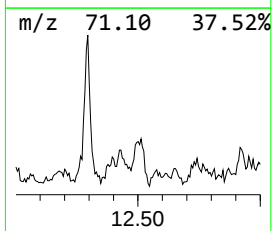
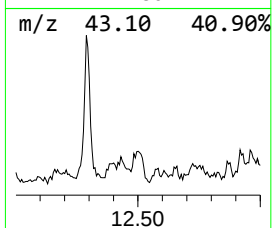
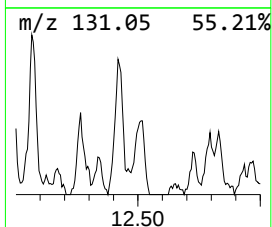
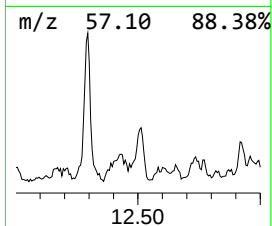
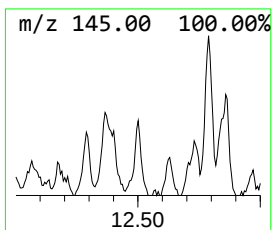
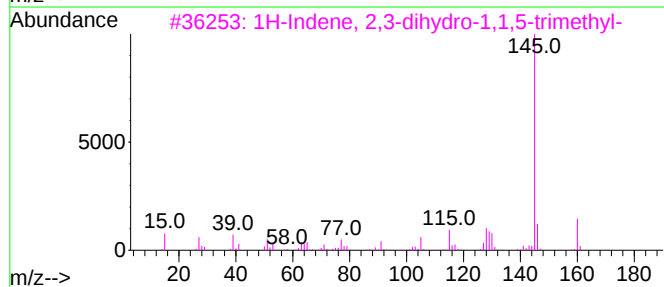
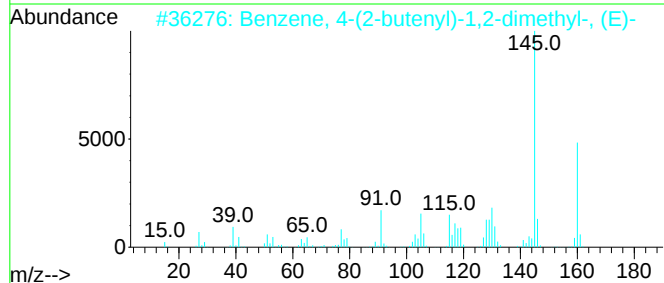
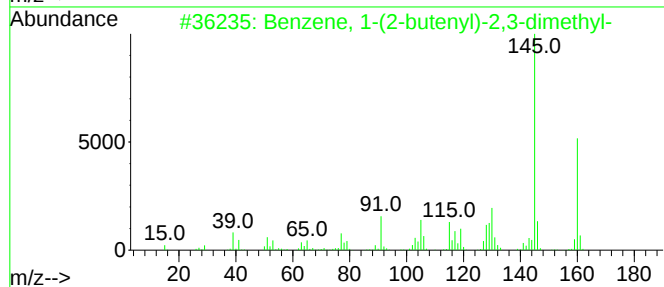
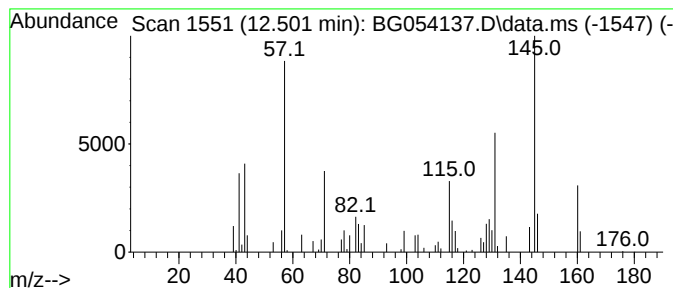
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.501	3.39 ng	64129	Naphthalene-d8	10.885

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	68
2			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	64
3			1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	64
4			Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	58
5			Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054137.D
Acq On : 29 Jun 2022 3:59
Operator : CG/JU
Sample : N3512-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-3-062722

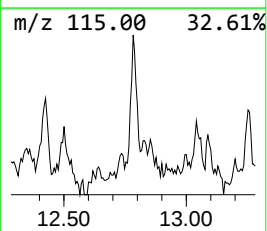
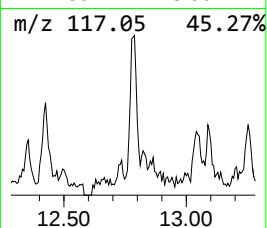
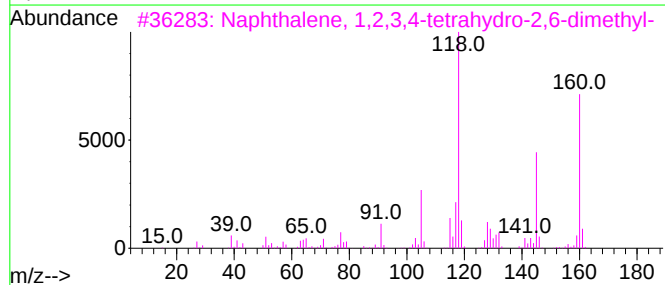
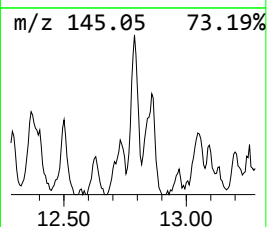
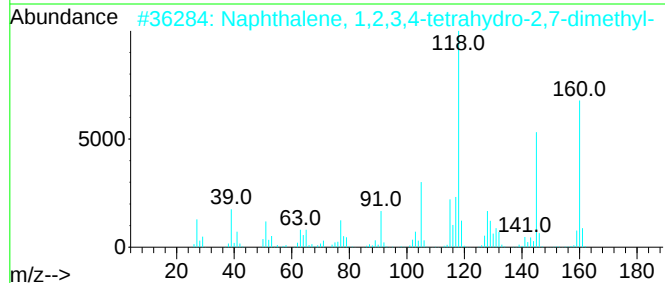
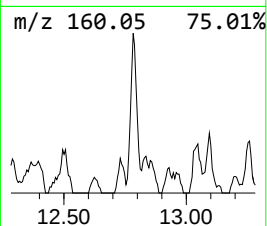
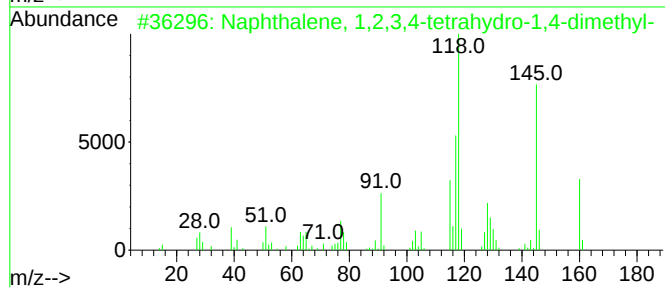
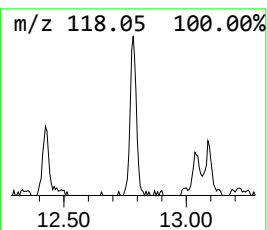
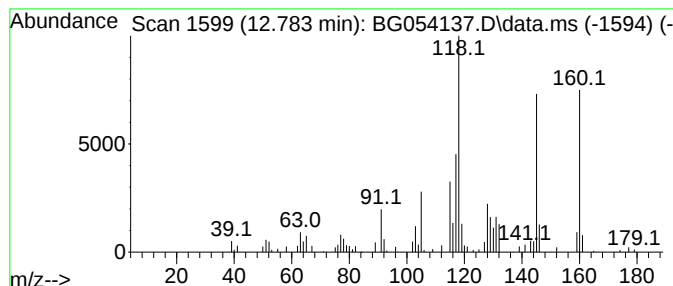
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.783	4.01 ng	75956	Naphthalene-d8	10.885

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	91
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	83
4			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	58
5			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054137.D
Acq On : 29 Jun 2022 3:59
Operator : CG/JU
Sample : N3512-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-3-062722

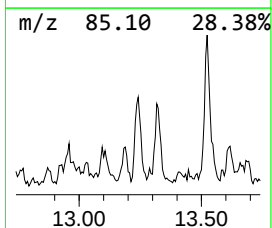
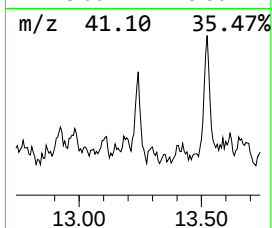
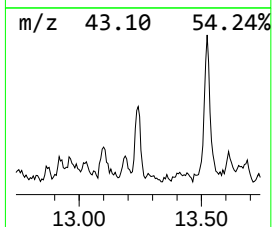
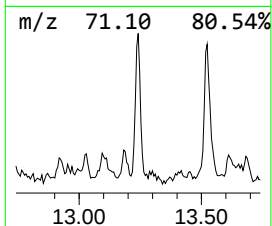
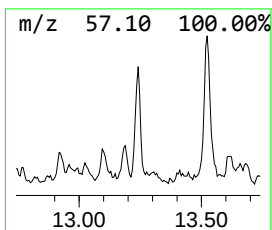
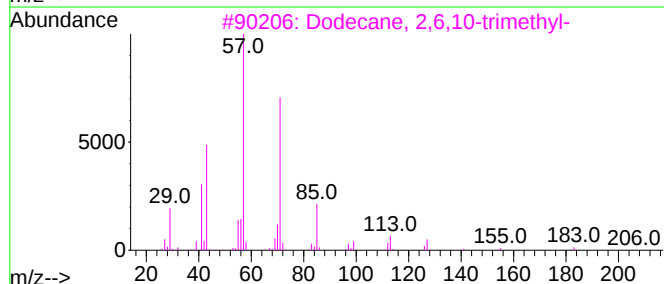
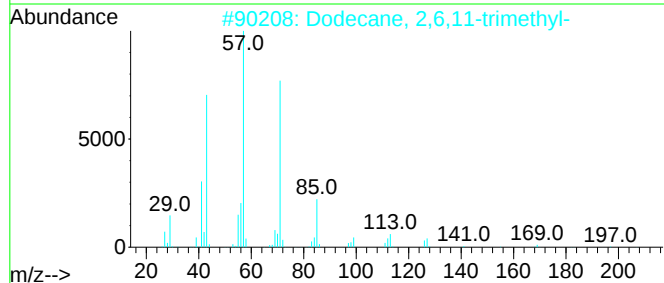
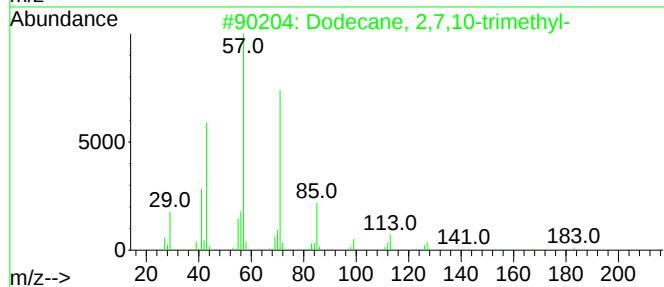
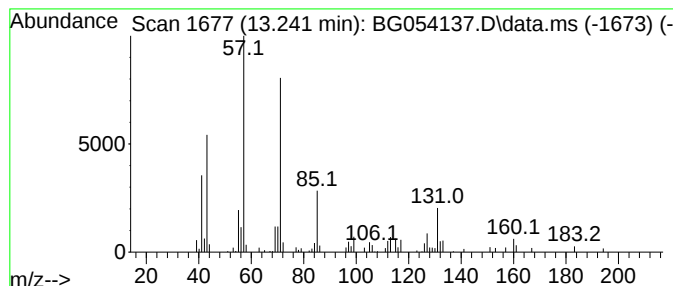
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 2,7,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.241	5.00 ng	100881	Acenaphthene-d10	14.704

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53
4			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	52
5			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054137.D
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Operator : CG/JU
Sample : N3512-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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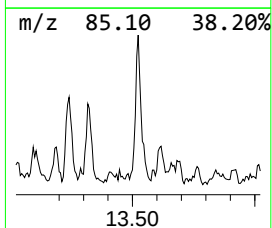
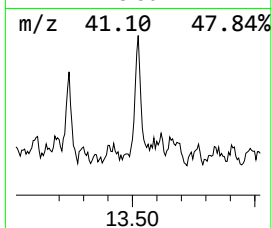
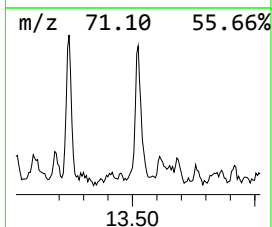
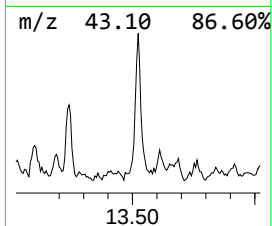
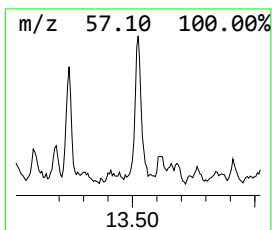
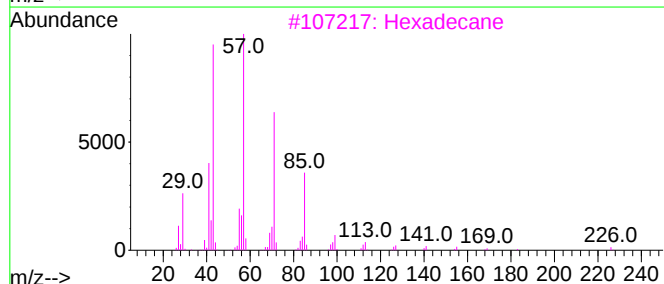
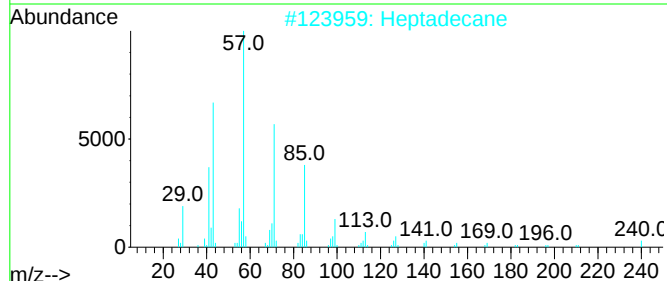
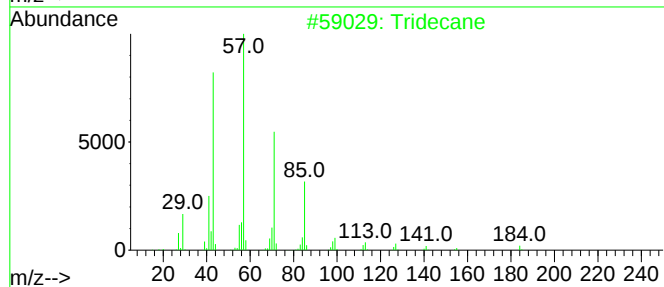
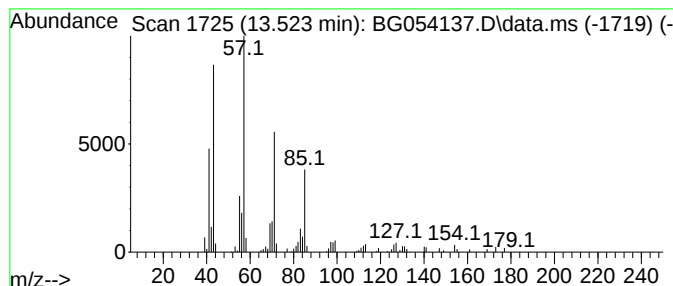
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.523	5.13 ng	103559	Acenaphthene-d10	14.704

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	90
2		Heptadecane	240	C17H36	000629-78-7	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Nonadecane	268	C19H40	000629-92-5	83
5		9-methylheptadecane	254	C18H38	026741-18-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054137.D
Acq On : 29 Jun 2022 3:59
Operator : CG/JU
Sample : N3512-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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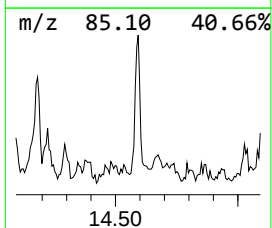
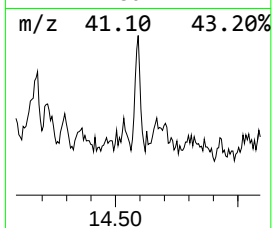
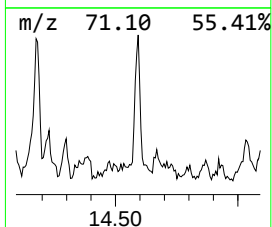
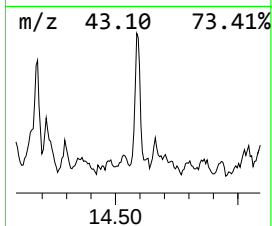
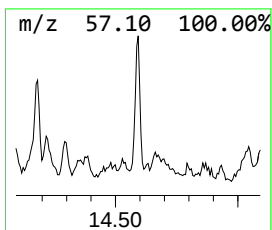
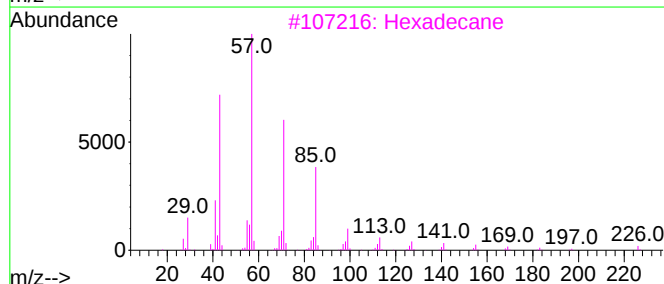
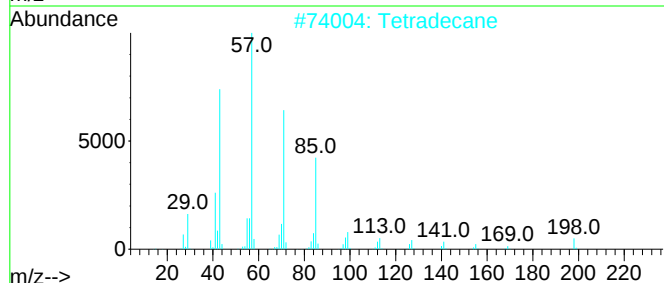
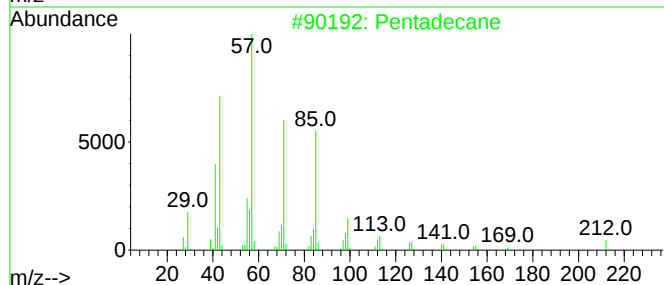
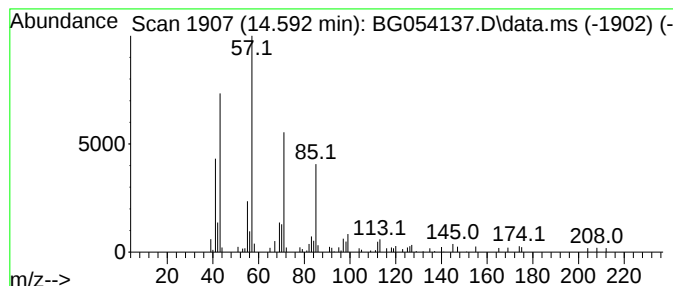
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.592	3.03 ng	61183	Acenaphthene-d10	14.704

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	91
2			Tetradecane	198	C14H30	000629-59-4	86
3			Hexadecane	226	C16H34	000544-76-3	86
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5			Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054137.D
Acq On : 29 Jun 2022 3:59
Operator : CG/JU
Sample : N3512-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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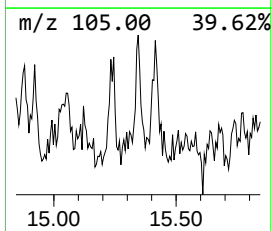
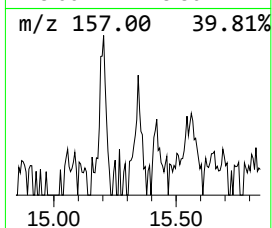
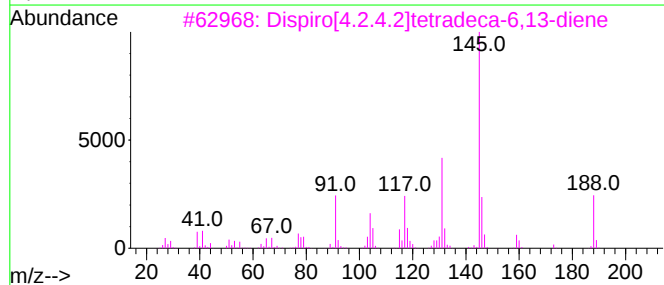
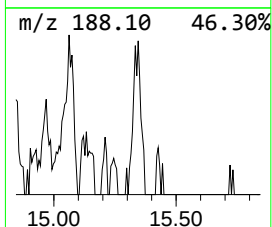
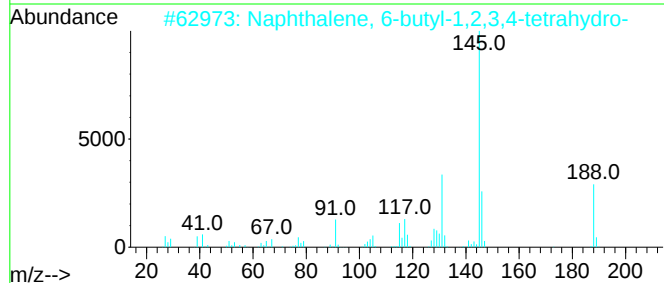
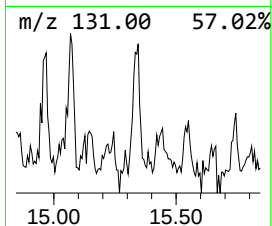
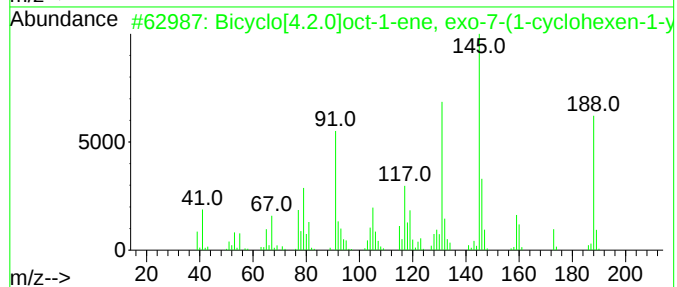
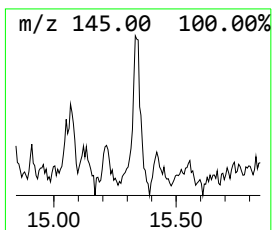
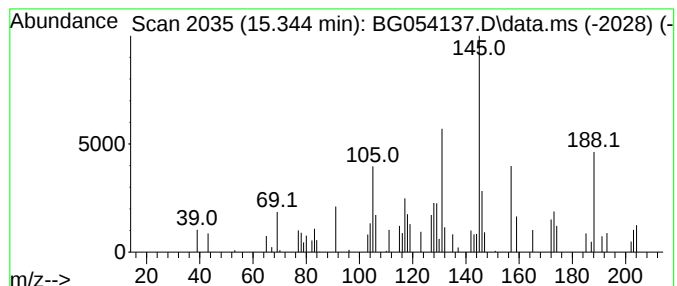
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Bicyclo[4.2.0]oct-1-ene, ex... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.344	2.23 ng	45011	Acenaphthene-d10	14.704

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[4.2.0]oct-1-ene, exo-7-(...	188	C14H20	1000142-22-1	92
2			Naphthalene, 6-butyl-1,2,3,4-tet...	188	C14H20	030654-45-6	62
3			Dispiro[4.2.4.2]tetradeca-6,13-d...	188	C14H20	078578-90-2	60
4			Benzene, 1-(1-methyl-2-propenyl)...	188	C14H20	057438-46-7	53
5			Naphthalene, 1,2,3,4-tetrahydro...	174	C13H18	042775-77-9	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
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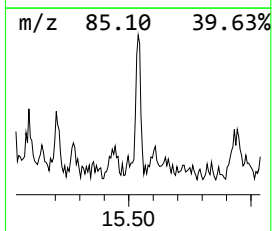
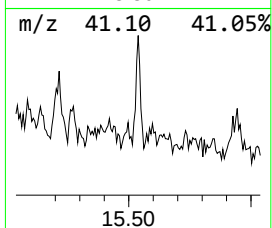
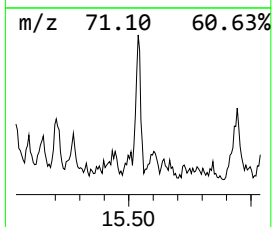
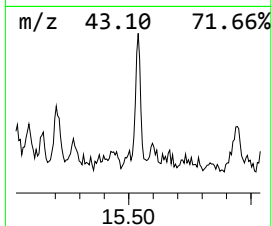
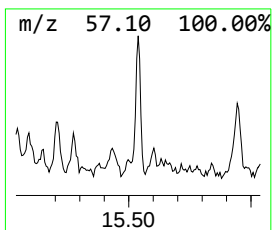
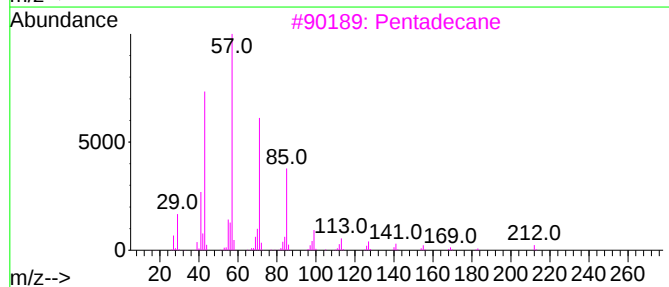
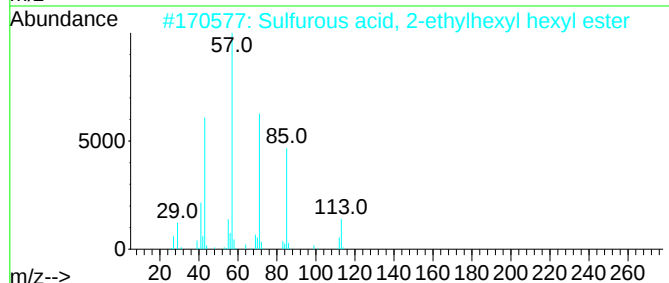
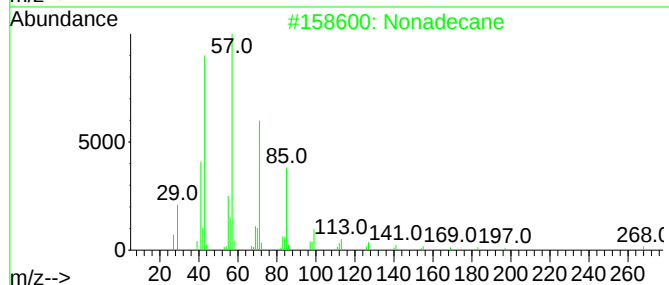
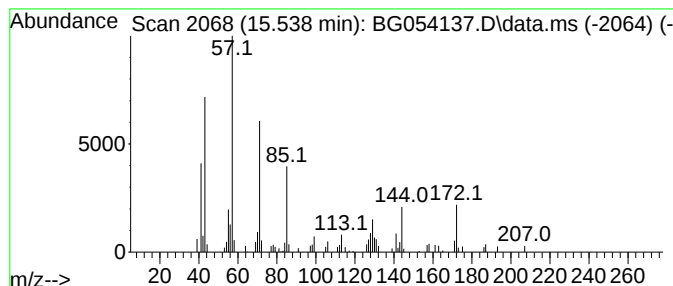
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown15.538 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.538	2.71 ng	54642	Acenaphthene-d10	14.704	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	49
2	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	49
3	Pentadecane	212	C15H32	000629-62-9	49
4	Octane, 2-methyl-	128	C9H20	003221-61-2	49
5	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054137.D
Acq On : 29 Jun 2022 3:59
Operator : CG/JU
Sample : N3512-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-3-062722

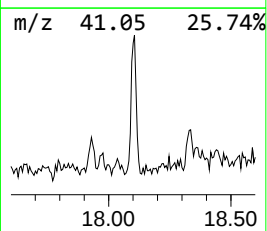
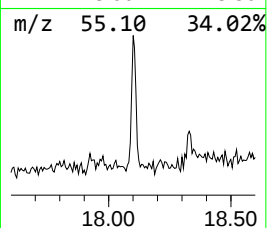
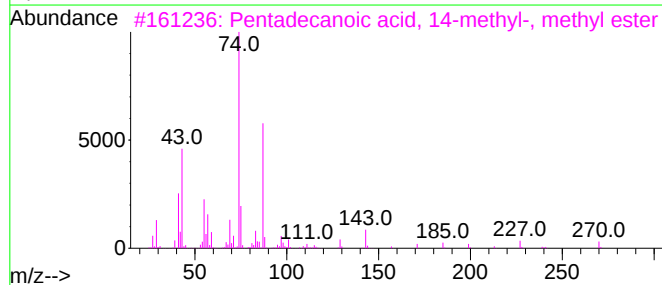
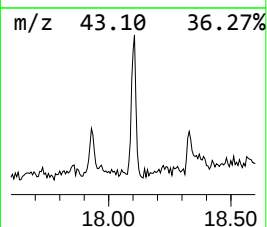
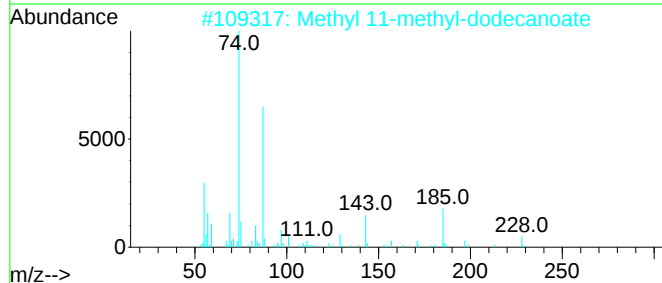
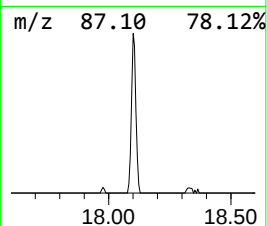
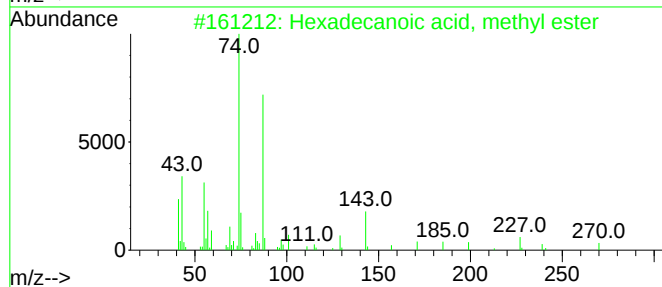
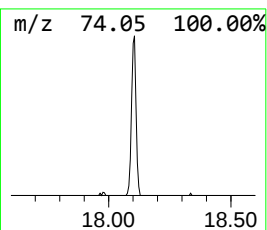
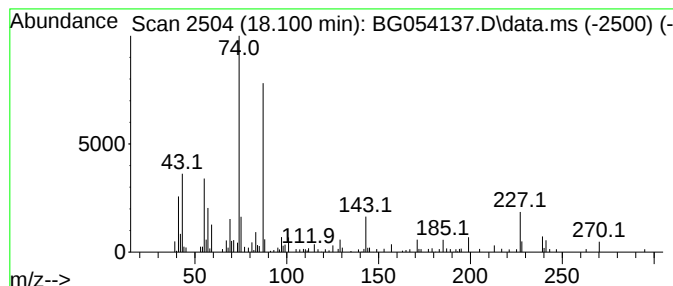
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecanoic acid, methyl e... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.100	4.19 ng	100296	Phenanthrene-d10	17.448

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2		Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	93
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
4		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
5		Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054137.D
Acq On : 29 Jun 2022 3:59
Operator : CG/JU
Sample : N3512-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

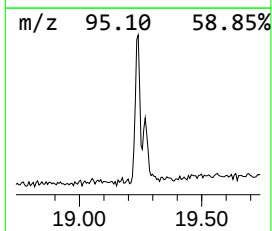
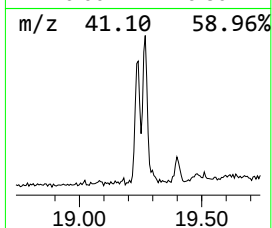
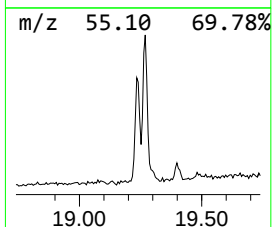
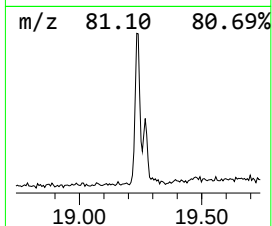
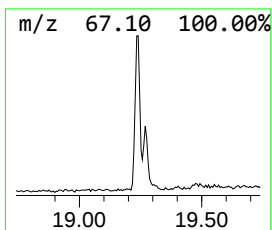
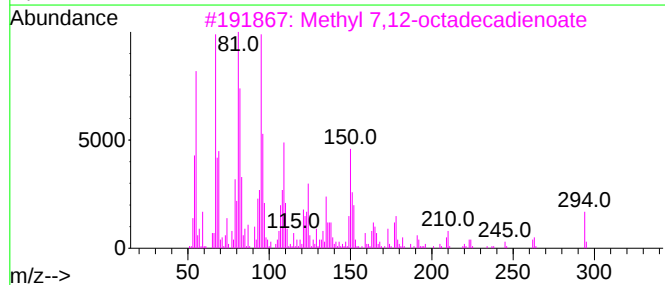
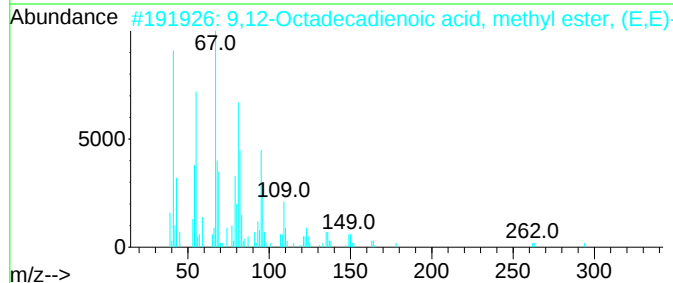
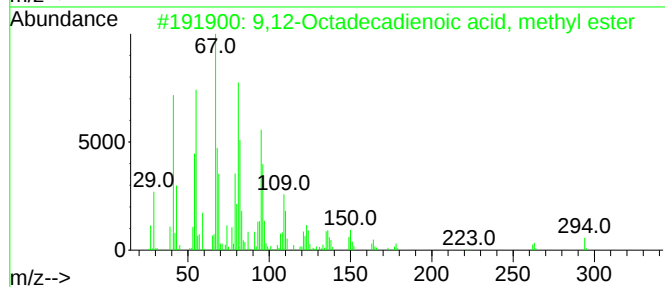
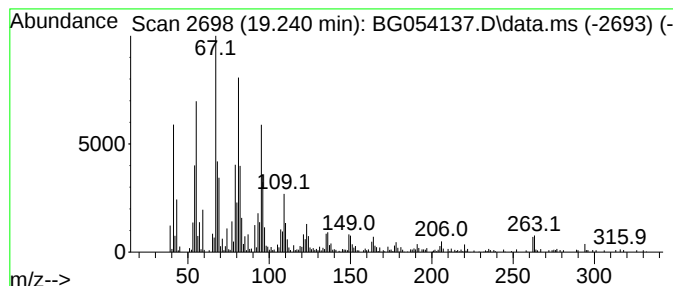
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BNA_G
ClientSampleId :
OR-3-062722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.240	12.69 ng	303738	Phenanthrene-d10	17.448
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		9,12-Octadecadienoic acid, methy...	294 C19H34O2	002462-85-3 99
2		9,12-Octadecadienoic acid, methy...	294 C19H34O2	002566-97-4 99
3		Methyl 7,12-octadecadienoate	294 C19H34O2	1000336-43-8 98
4		9,11-Octadecadienoic acid, methy...	294 C19H34O2	013038-47-6 96
5		Methyl 10-trans,12-cis-octadecad...	294 C19H34O2	1000336-44-2 96



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054137.D
Acq On : 29 Jun 2022 3:59
Operator : CG/JU
Sample : N3512-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-3-062722

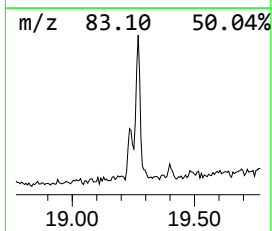
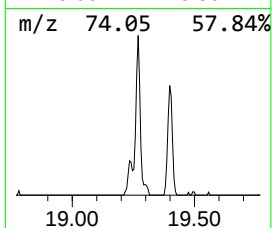
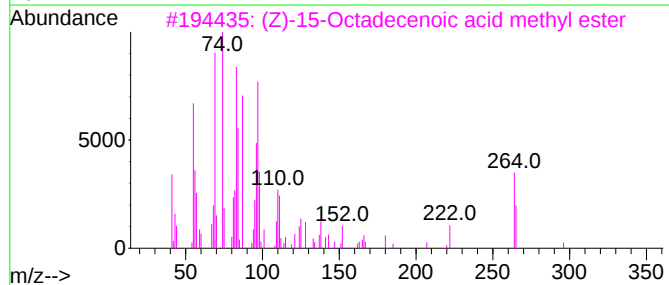
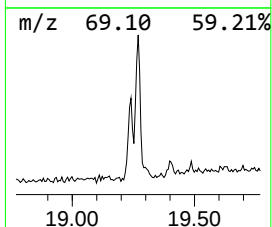
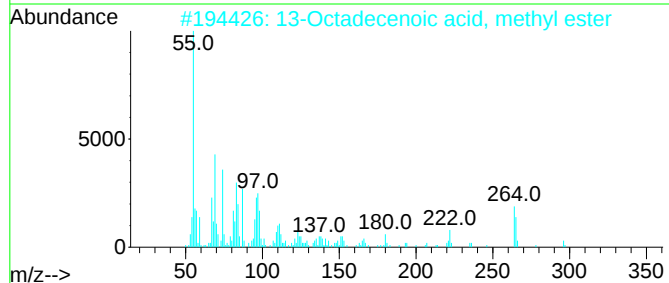
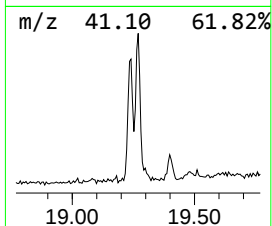
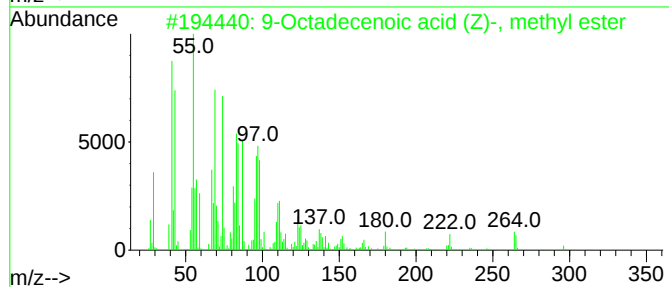
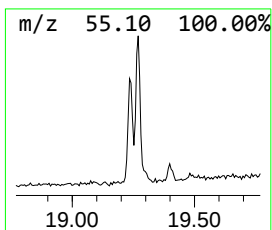
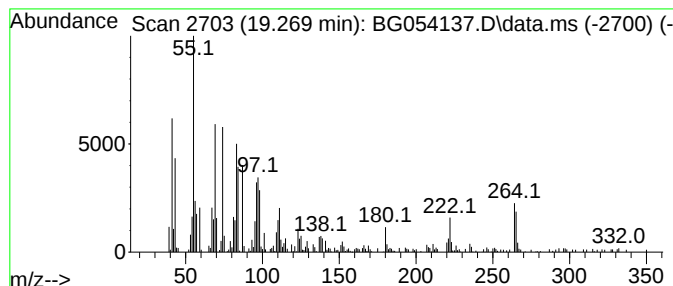
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.269	13.50 ng	323199	Phenanthrene-d10	17.448

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	94
3			(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	94
4			14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	94
5			15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054137.D
Acq On : 29 Jun 2022 3:59
Operator : CG/JU
Sample : N3512-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-3-062722

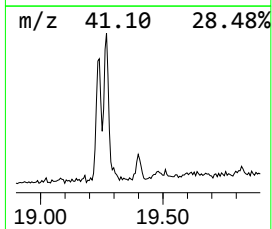
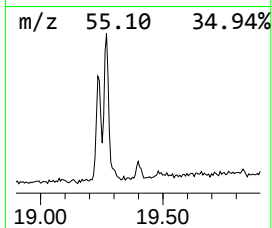
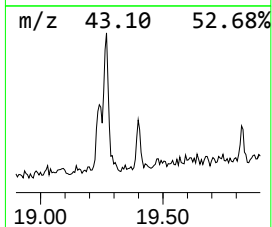
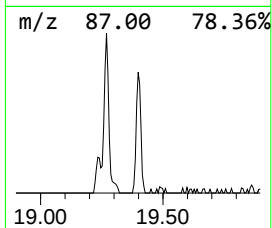
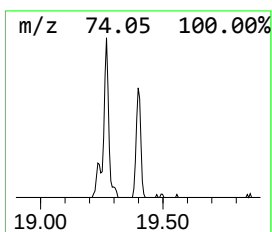
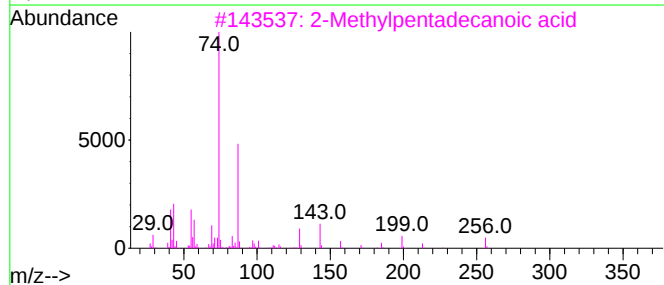
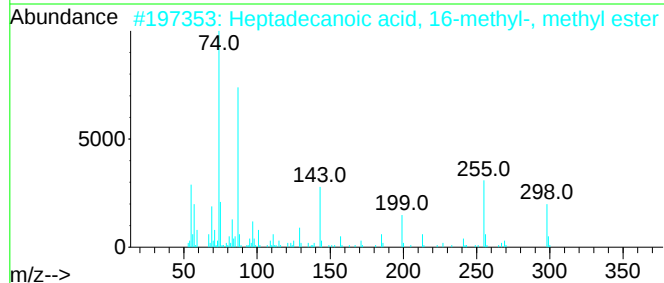
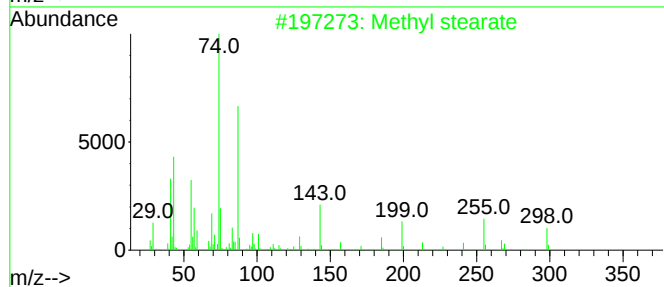
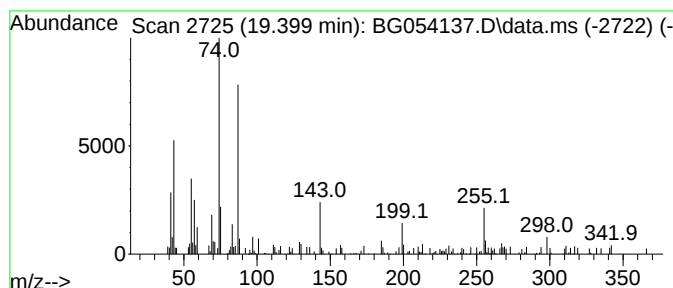
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Methyl stearate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.398	2.22 ng	53017	Phenanthrene-d10	17.448

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl stearate	298	C19H38O2	000112-61-8	98
2			Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
3			2-Methylpentadecanoic acid	256	C16H32O2	025354-92-1	76
4			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	70
5			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
 Data File : BG054137.D
 Acq On : 29 Jun 2022 3:59
 Operator : CG/JU
 Sample : N3512-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.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
unknown9.434	9.434	2.5	ng	25441	1	8.071	206485	20.0
cis-Decalin, 2-...	9.804	2.6	ng	50013	2	10.885	378366	20.0
(+)-Dihydrocarvone	10.068	2.5	ng	46837	2	10.885	378366	20.0
Naphthalene, 1,...	11.355	2.8	ng	52604	2	10.885	378366	20.0
unknown11.584	11.584	4.4	ng	82924	2	10.885	378366	20.0
Benzene, (1,2-d...	11.796	3.1	ng	59260	2	10.885	378366	20.0
Undecane, 6-ethyl-	11.901	3.0	ng	56470	2	10.885	378366	20.0
Naphthalene, 1,...	12.072	4.1	ng	77362	2	10.885	378366	20.0
Tridecane	12.295	5.8	ng	110575	2	10.885	378366	20.0
Benzene, 1-(2-b...	12.501	3.4	ng	64129	2	10.885	378366	20.0
Naphthalene, 1,...	12.783	4.0	ng	75956	2	10.885	378366	20.0
Dodecane, 2,7,1...	13.241	5.0	ng	100881	3	14.704	403790	20.0
Heptadecane	13.523	5.1	ng	103559	3	14.704	403790	20.0
Pentadecane	14.592	3.0	ng	61183	3	14.704	403790	20.0
Bicyclo[4.2.0]o...	15.344	2.2	ng	45011	3	14.704	403790	20.0
unknown15.538	15.538	2.7	ng	54642	3	14.704	403790	20.0
Hexadecanoic ac...	18.100	4.2	ng	100296	4	17.448	478687	20.0
9,12-Octadecadi...	19.240	12.7	ng	303738	4	17.448	478687	20.0
9-Octadecenoic ...	19.269	13.5	ng	323199	4	17.448	478687	20.0
Methyl stearate	19.398	2.2	ng	53017	4	17.448	478687	20.0