

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
 Data File : BG054814.D
 Acq On : 31 Aug 2022 20:13
 Operator : CG/JU
 Sample : N4421-06 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-PALM-SP-02

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-BG082522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054814.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.691	401	409	416	rBV	38940	68700	2.26%	0.285%
2	6.138	479	485	493	rVB5	16165	35666	1.17%	0.148%
3	6.390	521	528	535	rBV5	25536	66369	2.19%	0.276%
4	6.508	542	548	555	rVB2	16118	33645	1.11%	0.140%
5	6.602	559	564	567	rBV3	17238	34109	1.12%	0.142%
6	6.672	573	576	581	rVB	37336	53280	1.76%	0.221%
7	6.766	587	592	607	rVB4	41653	117126	3.86%	0.486%
8	7.113	641	651	657	rBV4	26568	57448	1.89%	0.239%
9	7.225	665	670	674	rBV4	18662	30908	1.02%	0.128%
10	7.289	674	681	690	rBV4	85274	202253	6.66%	0.840%
11	7.460	705	710	715	rVB3	20629	38665	1.27%	0.161%
12	7.524	716	721	725	rBV3	20767	39692	1.31%	0.165%
13	7.624	734	738	743	rVB3	23977	37566	1.24%	0.156%
14	7.789	762	766	770	rBV	24030	36216	1.19%	0.150%
15	7.859	774	778	783	rVB3	21290	32303	1.06%	0.134%
16	8.047	801	810	815	rBV7	26080	82838	2.73%	0.344%
17	8.106	816	820	823	rVV	77492	118808	3.91%	0.493%
18	8.153	823	828	833	rVB	168861	282802	9.32%	1.174%
19	8.265	843	847	852	rBV4	27566	58012	1.91%	0.241%
20	8.323	852	857	862	rVV4	54858	107415	3.54%	0.446%
21	8.388	862	868	871	rVV3	40253	81947	2.70%	0.340%
22	8.429	871	875	881	rVV	59863	117499	3.87%	0.488%
23	8.488	882	885	892	rVB5	24440	47071	1.55%	0.195%
24	8.641	906	911	913	rBV3	22074	35346	1.16%	0.147%
25	8.705	918	922	931	rVB5	47819	109768	3.62%	0.456%
26	8.793	931	937	940	rBV5	29002	60923	2.01%	0.253%
27	8.923	949	959	961	rBV9	19017	52994	1.75%	0.220%
28	8.993	966	971	976	rBV3	56003	114365	3.77%	0.475%
29	9.258	1005	1016	1022	rBV3	123280	314992	10.38%	1.308%
30	9.352	1023	1032	1039	rVB5	69431	206768	6.81%	0.859%
31	9.616	1066	1077	1084	rBV8	50024	148675	4.90%	0.617%
32	9.722	1088	1095	1099	rVV6	27031	79118	2.61%	0.329%
33	9.786	1101	1106	1111	rVV3	92098	170774	5.63%	0.709%
34	9.845	1112	1116	1119	rVV4	42529	77932	2.57%	0.324%
35	9.886	1119	1123	1133	rVB4	75129	177296	5.84%	0.736%
36	10.021	1139	1146	1151	rBV4	37388	106874	3.52%	0.444%

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37	10.080	1151	1156	1160	rVV	86416	156328	5.15%	0.649%
38	10.145	1161	1167	1172	rVV5	97798	203273	6.70%	0.844%
39	10.198	1173	1176	1185	rVB3	32189	76807	2.53%	0.319%
40	10.368	1199	1205	1211	rBV5	63587	149775	4.93%	0.622%

41	10.421	1211	1214	1218	rVB3	31774	45674	1.50%	0.190%
42	10.538	1228	1234	1242	rBV7	42885	117555	3.87%	0.488%
43	10.674	1250	1257	1263	rBV4	54451	131084	4.32%	0.544%
44	10.744	1265	1269	1273	rBV5	26701	43337	1.43%	0.180%
45	10.815	1277	1281	1284	rBV4	31751	49753	1.64%	0.207%

46	10.856	1284	1288	1294	rVV3	38793	65965	2.17%	0.274%
47	10.920	1294	1299	1304	rBV2	98828	203519	6.70%	0.845%
48	10.979	1304	1309	1315	rVB	260832	453494	14.94%	1.883%
49	11.108	1326	1331	1337	rVB	293072	503720	16.59%	2.092%
50	11.179	1337	1343	1350	rBV5	89942	218472	7.20%	0.907%

51	11.332	1363	1369	1374	rBV6	41614	99206	3.27%	0.412%
52	11.390	1375	1379	1383	rVV4	37452	67045	2.21%	0.278%
53	11.455	1385	1390	1395	rVB5	82462	160154	5.28%	0.665%
54	11.508	1396	1399	1402	rBV4	22250	35378	1.17%	0.147%
55	11.667	1421	1426	1431	rVB4	129009	236727	7.80%	0.983%

56	11.790	1442	1447	1455	rBV7	70037	158685	5.23%	0.659%
57	11.872	1456	1461	1468	rVV7	80354	197979	6.52%	0.822%
58	11.972	1472	1478	1482	rVV	394995	641772	21.14%	2.665%
59	12.013	1482	1485	1489	rVV3	116207	189319	6.24%	0.786%
60	12.066	1490	1494	1500	rVB3	76734	143828	4.74%	0.597%

61	12.154	1505	1509	1516	rVB5	68203	122110	4.02%	0.507%
62	12.242	1520	1524	1528	rVV4	57185	78839	2.60%	0.327%
63	12.360	1539	1544	1552	rBV4	139375	282820	9.32%	1.174%
64	12.577	1578	1581	1586	rVB2	147685	227159	7.48%	0.943%
65	12.765	1609	1613	1616	rBV3	60271	111285	3.67%	0.462%

66	12.842	1623	1626	1635	rVB4	92792	154296	5.08%	0.641%
67	12.989	1646	1651	1656	rBV3	116079	234965	7.74%	0.976%
68	13.059	1659	1663	1671	rVB2	162626	334387	11.01%	1.389%
69	13.306	1700	1705	1711	rVB	533229	800092	26.35%	3.322%
70	13.406	1719	1722	1727	rVB2	91033	138905	4.58%	0.577%

71	13.588	1747	1753	1763	rBV5	218568	596416	19.65%	2.477%
72	14.105	1837	1841	1846	rVB3	168143	256356	8.44%	1.065%
73	14.158	1846	1850	1854	rVB2	181006	245527	8.09%	1.020%
74	14.211	1855	1859	1860	rBV2	165127	215305	7.09%	0.894%
75	14.246	1861	1865	1869	rVB2	768873	1085920	35.77%	4.509%

76	14.534	1907	1914	1918	rBV5	118335	301348	9.93%	1.251%
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77	14.610	1923	1927	1931	rVB2	203092	304044	10.02%	1.263%
78	14.657	1931	1935	1939	rBV2	142695	228141	7.51%	0.947%
79	14.739	1944	1949	1953	rBV5	167774	412774	13.60%	1.714%
80	14.786	1953	1957	1962	rVB	442417	708663	23.34%	2.943%
81	14.863	1967	1970	1973	rVV3	98600	115218	3.80%	0.478%
82	15.162	2017	2021	2027	rVB4	173150	336586	11.09%	1.398%
83	15.286	2034	2042	2048	rBV5	162695	442529	14.58%	1.838%
84	15.397	2057	2061	2065	rBV3	187387	318480	10.49%	1.323%
85	15.568	2087	2090	2093	rBV3	132079	166375	5.48%	0.691%
86	16.009	2160	2165	2174	rVB	818465	1417098	46.68%	5.885%
87	16.226	2200	2202	2206	rVB2	185429	230795	7.60%	0.958%
88	16.496	2240	2248	2252	rBV	1785751	3035851	100.00%	12.607%
89	17.313	2383	2387	2392	rVB	1102465	1628882	53.65%	6.764%
90	17.536	2422	2425	2430	rVB	445656	556764	18.34%	2.312%
91	17.924	2488	2491	2497	rVB	399075	571416	18.82%	2.373%
92	19.322	2726	2729	2733	rVB	551985	636754	20.97%	2.644%

Sum of corrected areas: 24081112

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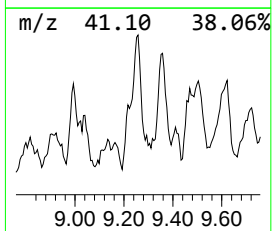
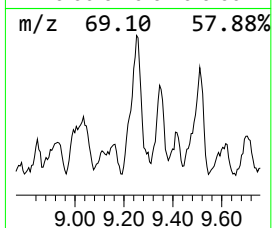
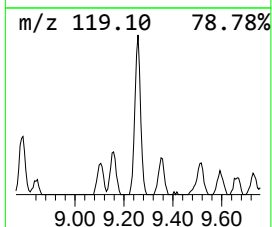
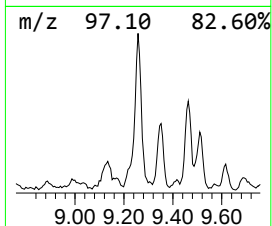
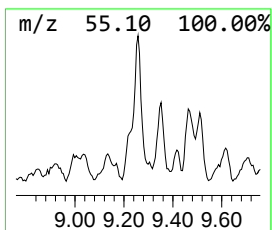
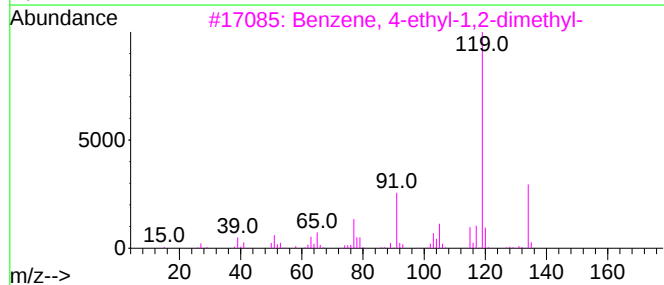
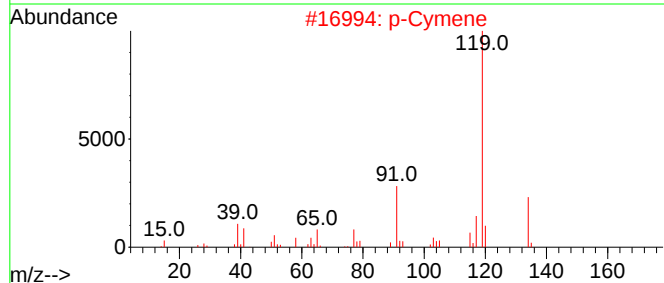
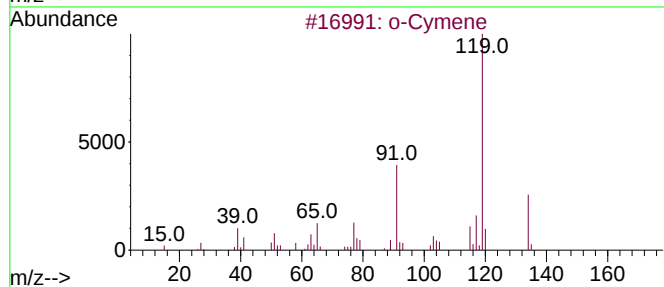
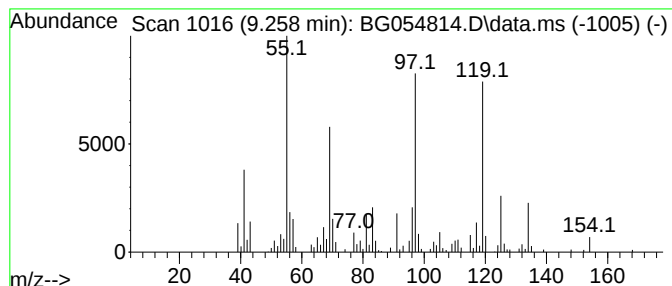
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.258	22.28 ng	314992	1,4-Dichlorobenzene-d4	8.153

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	80
2			p-Cymene	134	C10H14	000099-87-6	55
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	47
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	47
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	42



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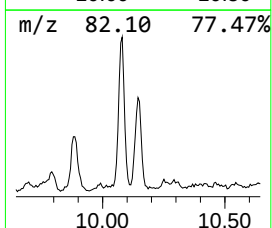
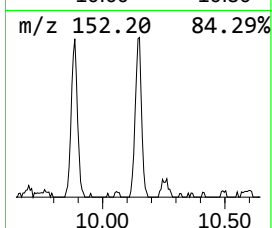
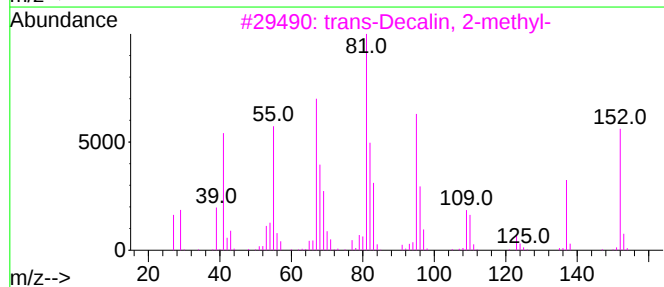
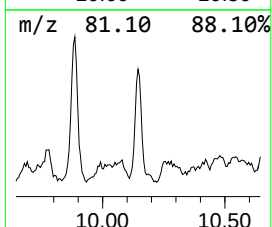
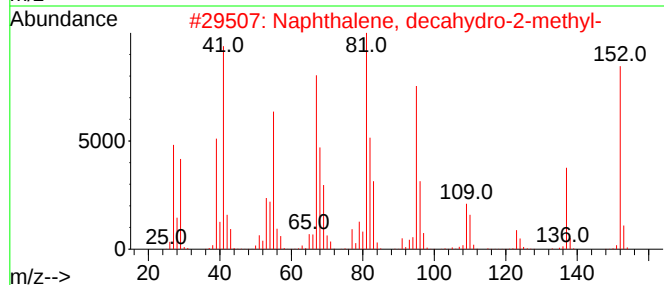
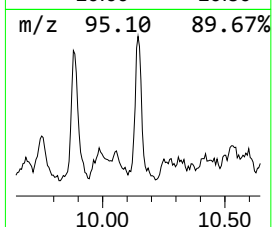
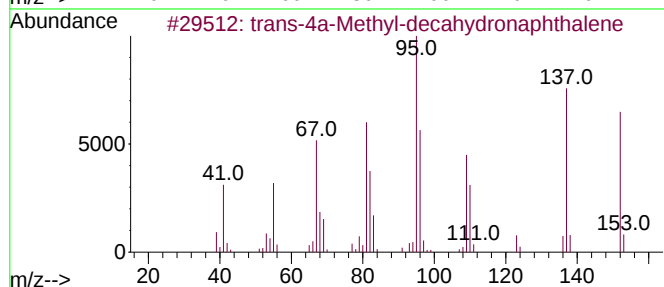
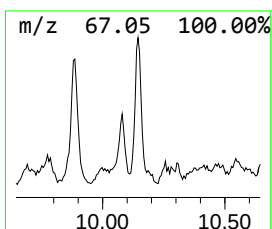
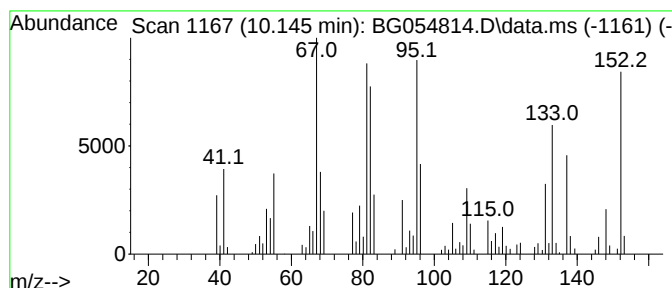
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 trans-4a-Methyl-decahydrona... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.145	8.96 ng	203273	Naphthalene-d8	10.979

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	78
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	70
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	62
4			9-Nonadecyne	264	C19H36	106073-69-2	52
5			Bicyclo[4.1.0]heptane, 7-butyl-	152	C11H20	018645-10-8	46



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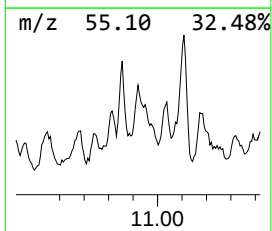
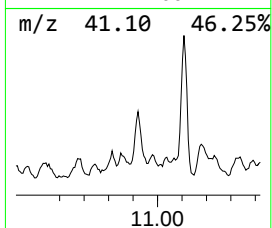
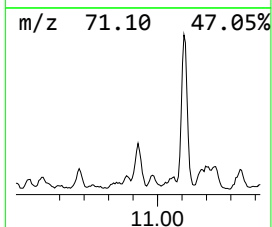
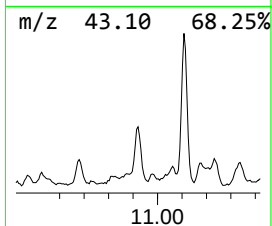
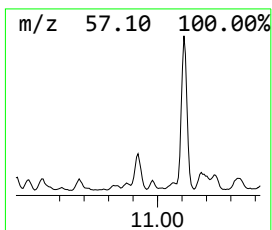
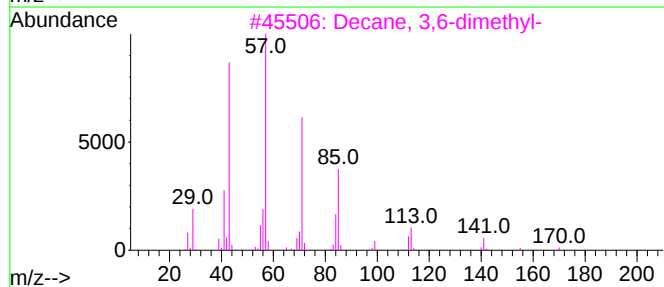
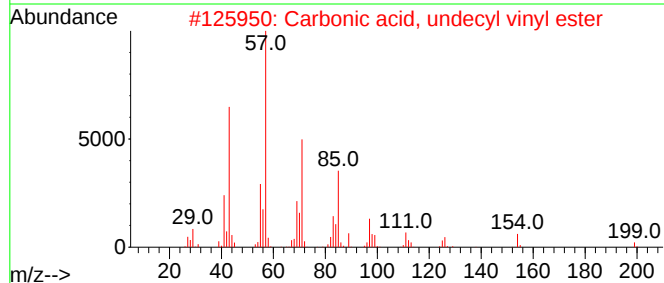
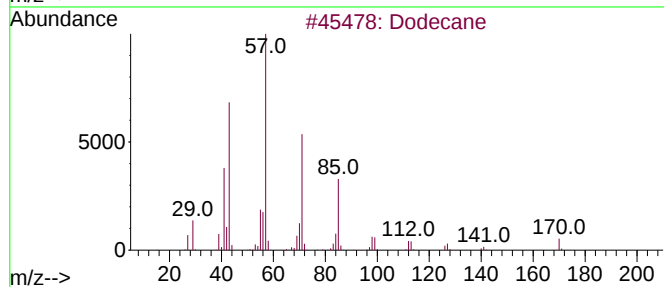
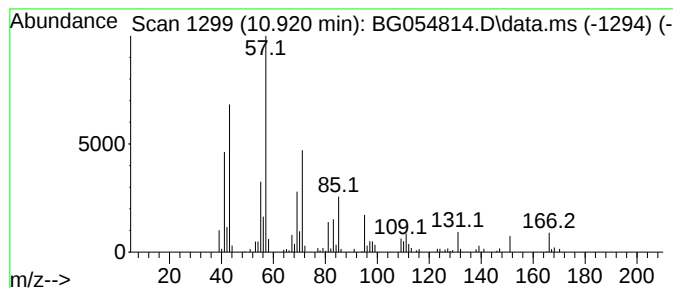
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Dodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.920	8.98 ng	203519	Naphthalene-d8	10.979

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	62
2			Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	53
3			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	53
4			Decane, 5-propyl-	184	C13H28	017312-62-8	53
5			Hexadecane	226	C16H34	000544-76-3	50



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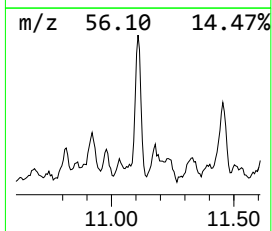
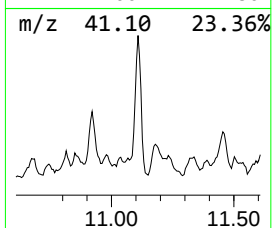
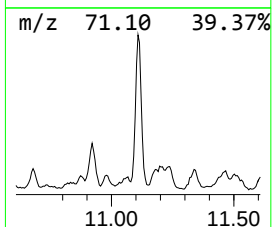
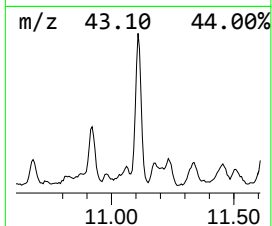
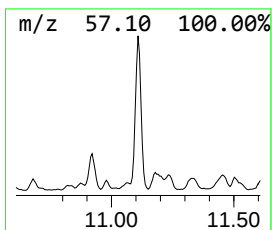
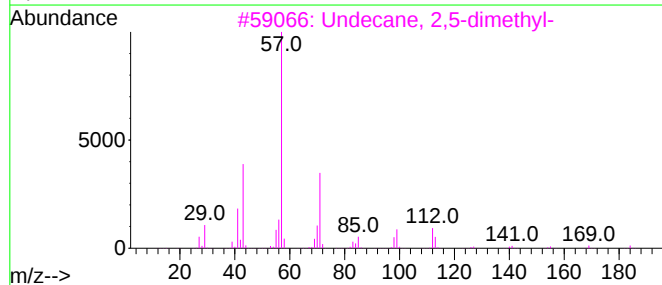
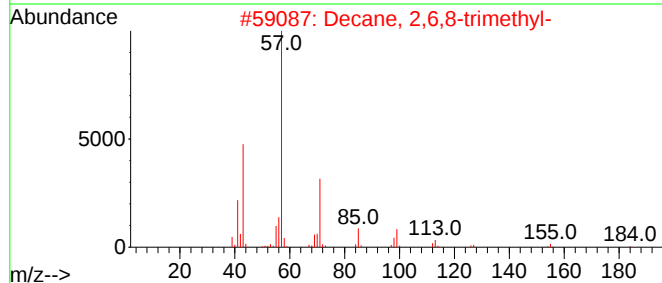
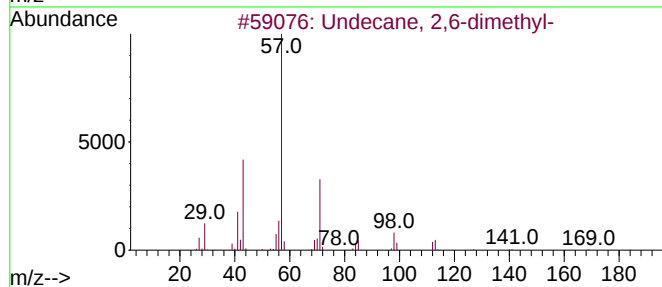
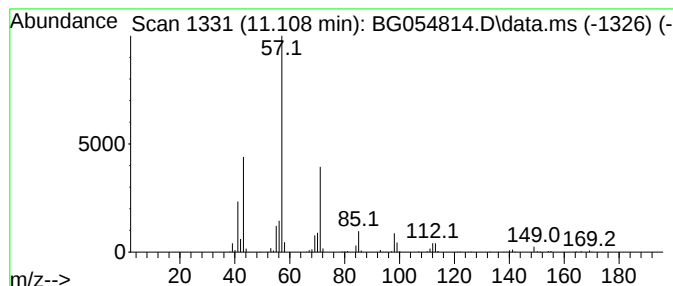
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.108	22.22 ng	503720	Naphthalene-d8	10.979

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86
2			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72
3			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	72
4			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	59
5			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054814.D
Acq On : 31 Aug 2022 20:13
Operator : CG/JU
Sample : N4421-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-02

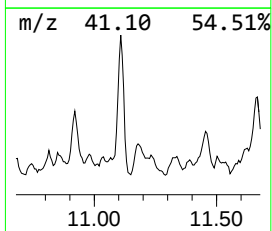
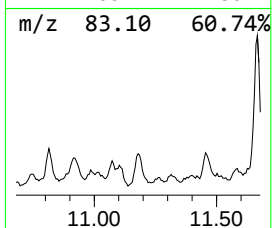
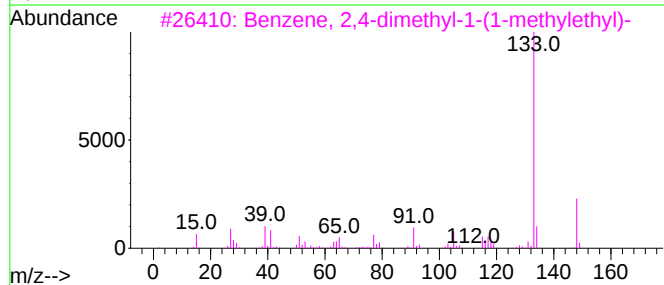
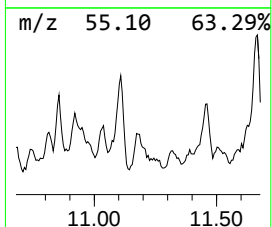
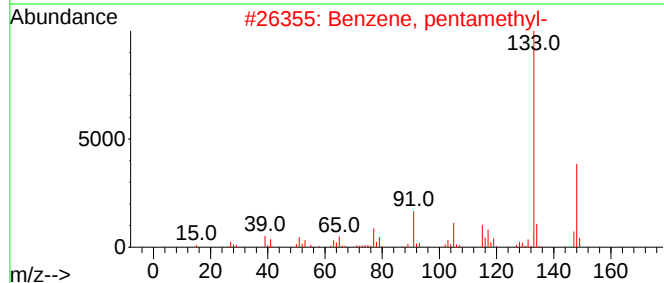
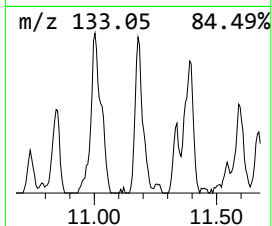
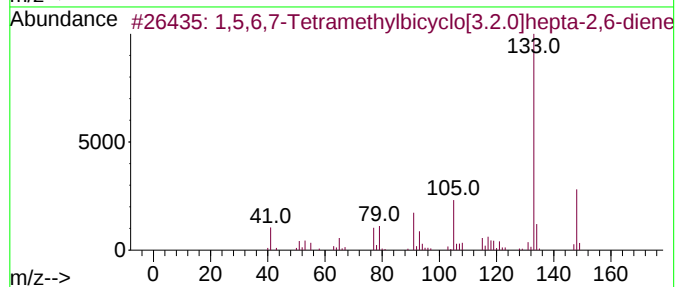
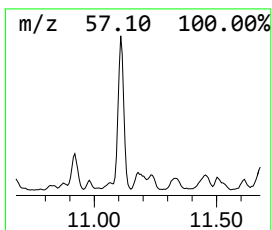
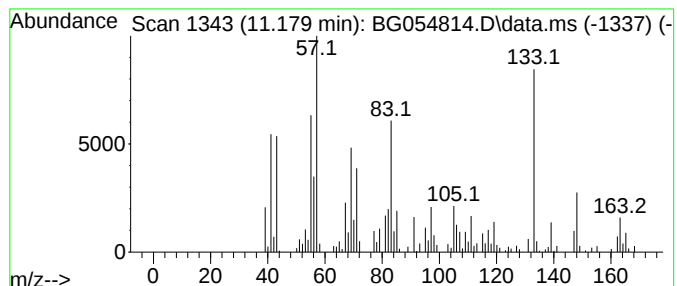
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown11.179 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.179	9.64 ng	218472	Naphthalene-d8	10.979

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,5,6,7-Tetramethylbicyclo[3.2.0]hepta-2,6-diene	148	C11H16	134329-46-7	42
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	30
3			Benzene, 2,4-dimethyl-1-(1-methylethyl)-	148	C11H16	004706-89-2	30
4			3,4-Dimethylcumene	148	C11H16	1000370-34-1	30
5			Benzene, 1,4-dimethyl-2-(1-methylethyl)-	148	C11H16	004132-72-3	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054814.D
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Operator : CG/JU
Sample : N4421-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

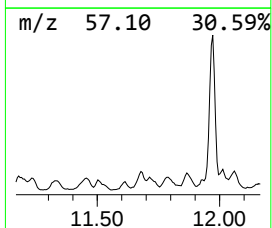
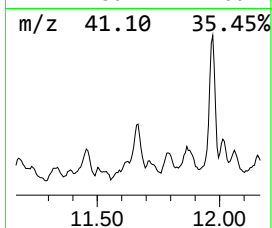
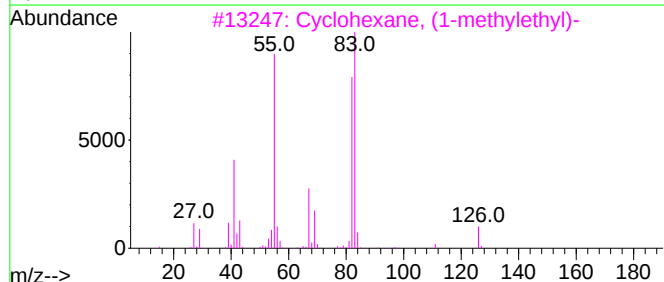
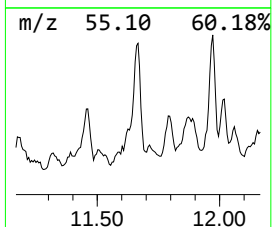
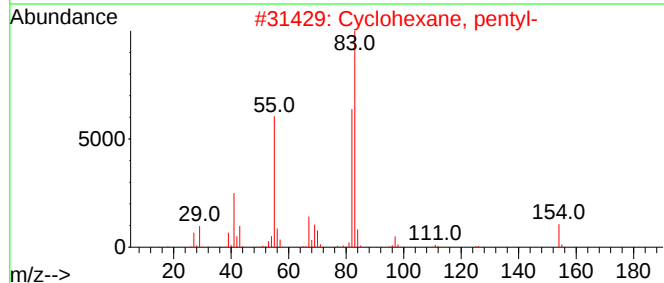
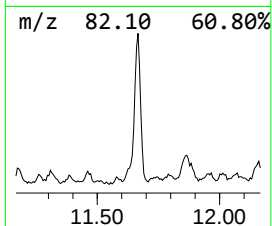
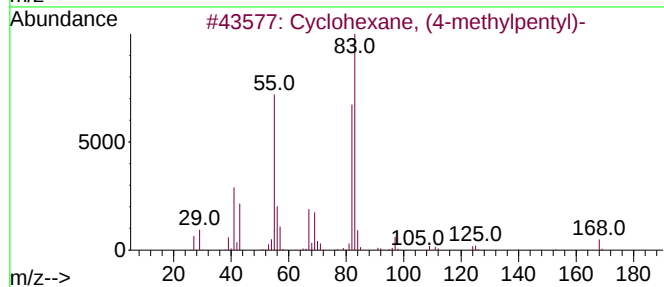
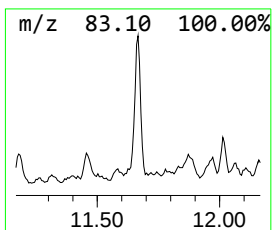
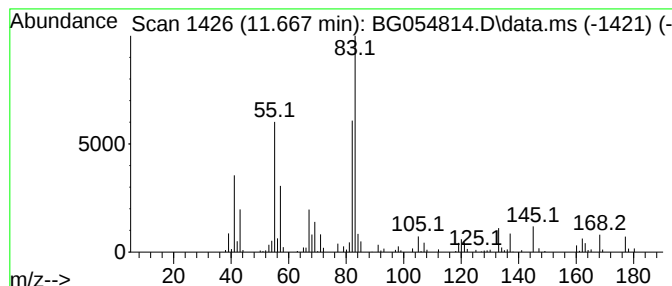
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ClientSampleId :
WC-PALM-SP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexane, (4-methylpentyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.667	10.44 ng	236727	Naphthalene-d8	10.979	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	64
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59
5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054814.D
Acq On : 31 Aug 2022 20:13
Operator : CG/JU
Sample : N4421-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-02

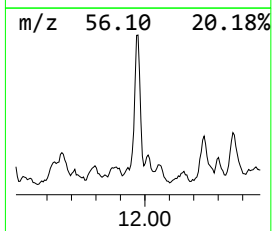
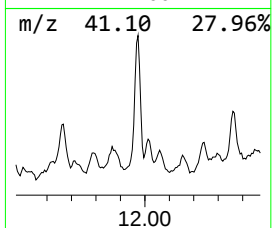
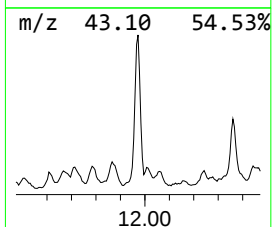
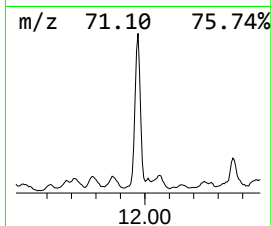
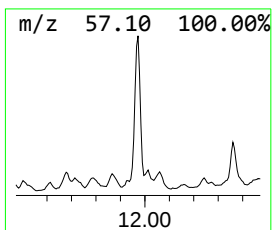
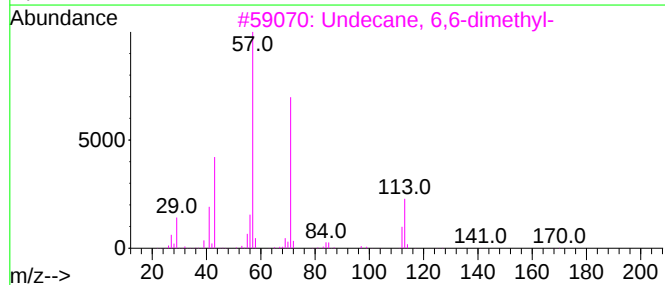
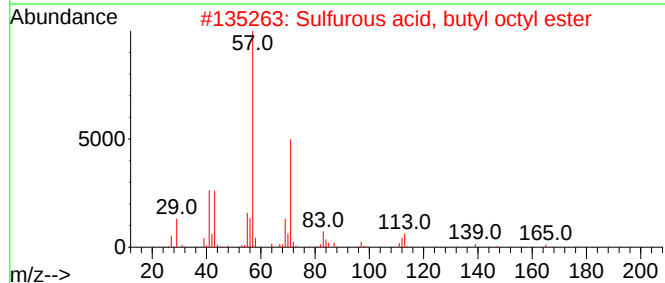
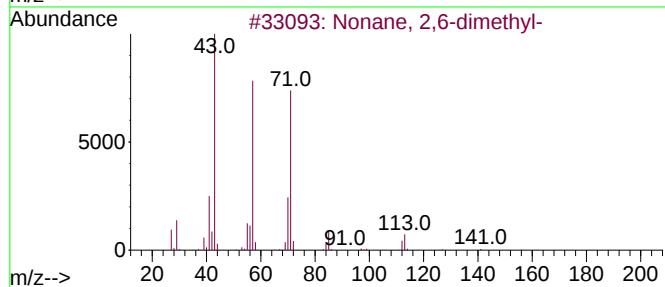
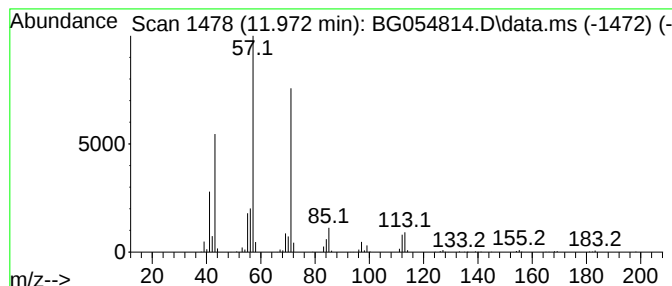
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.972	28.30 ng	641772	Naphthalene-d8	10.979

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
2			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	72
3			Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72
4			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59
5			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054814.D
Acq On : 31 Aug 2022 20:13
Operator : CG/JU
Sample : N4421-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-02

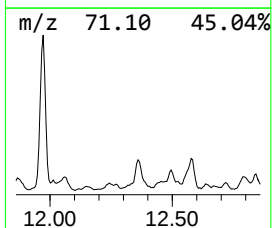
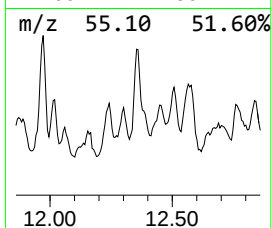
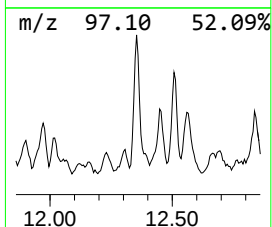
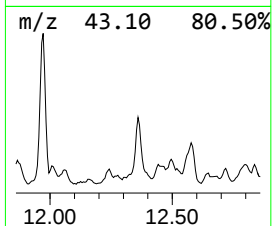
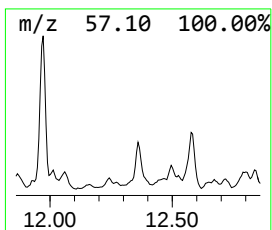
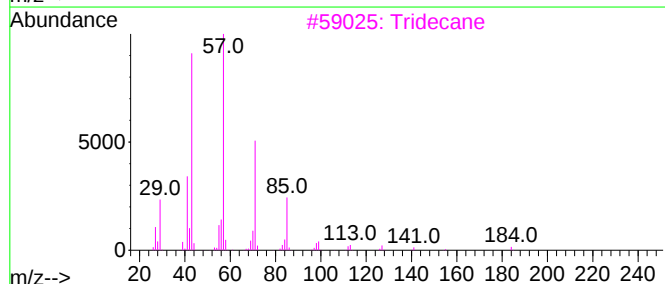
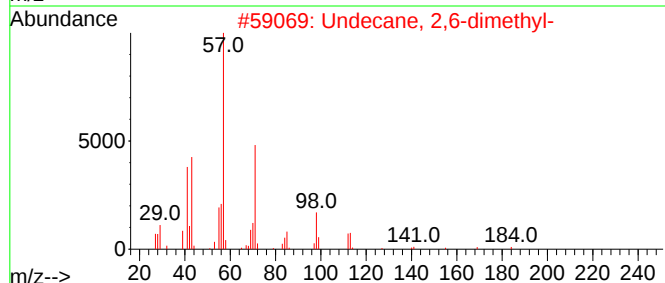
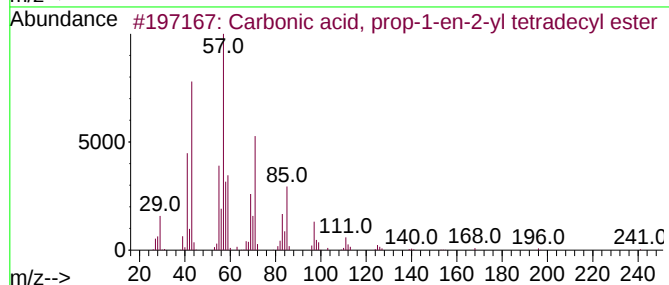
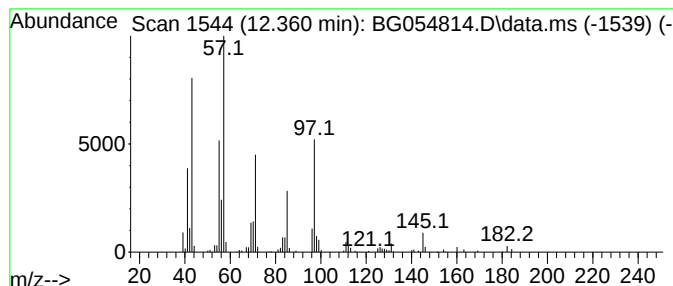
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Carbonic acid, prop-1-en-2-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.360	12.47 ng	282820	Naphthalene-d8	10.979

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	52
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
3			Tridecane	184	C13H28	000629-50-5	50
4			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	49
5			Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054814.D
Acq On : 31 Aug 2022 20:13
Operator : CG/JU
Sample : N4421-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-PALM-SP-02

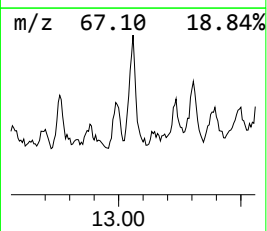
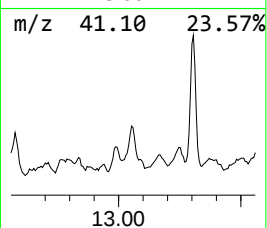
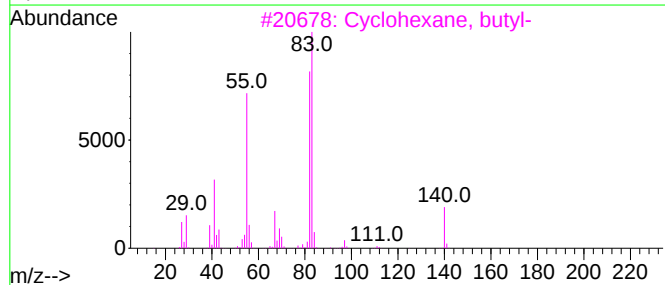
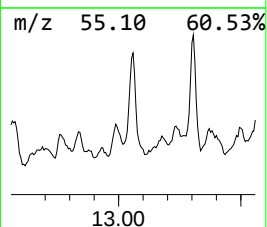
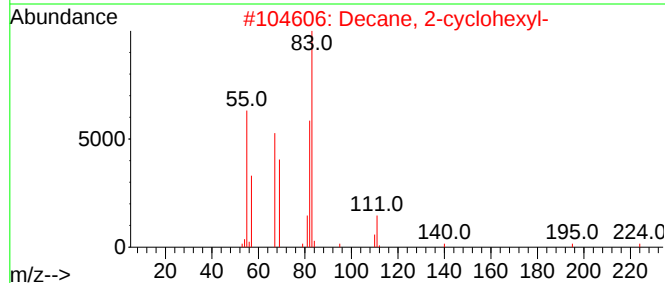
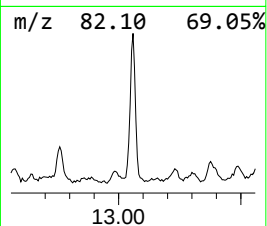
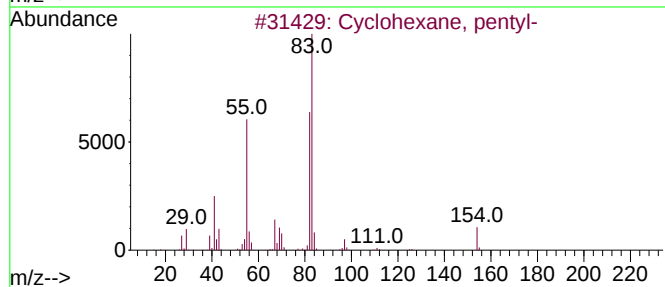
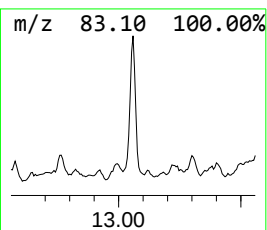
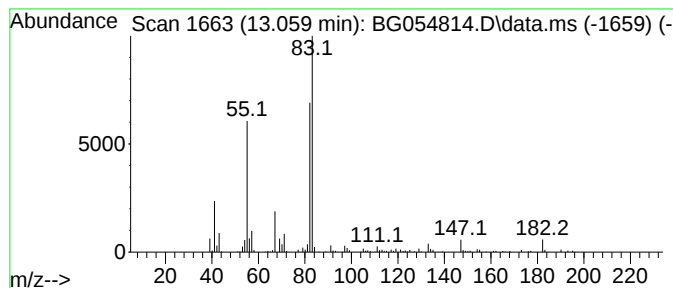
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclohexane, pentyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.059	9.44 ng	334387	Acenaphthene-d10	14.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
2			Decane, 2-cyclohexyl-	224	C16H32	013151-73-0	59
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	50
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	50
5			Oxalic acid, cyclohexyl butyl ester	228	C12H20O4	1000309-30-5	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054814.D
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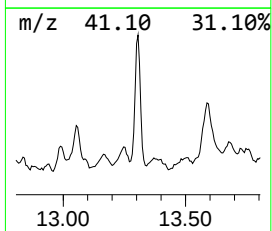
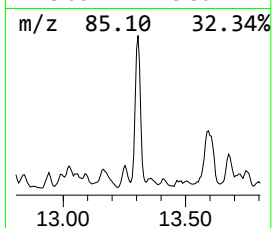
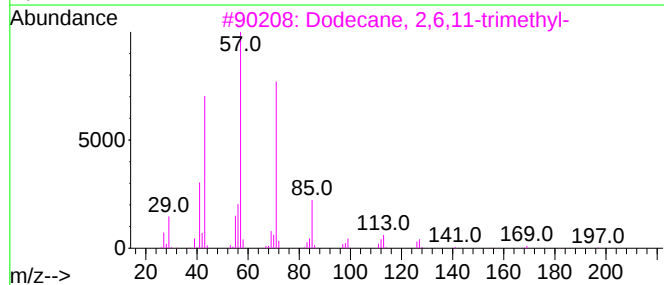
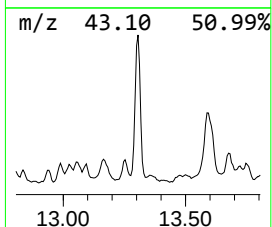
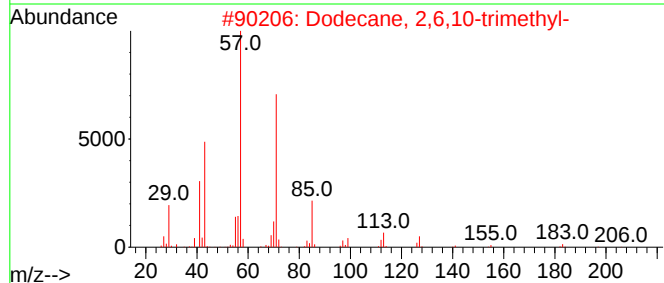
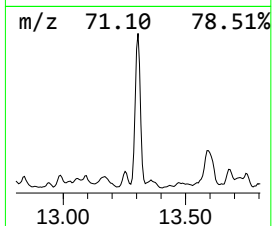
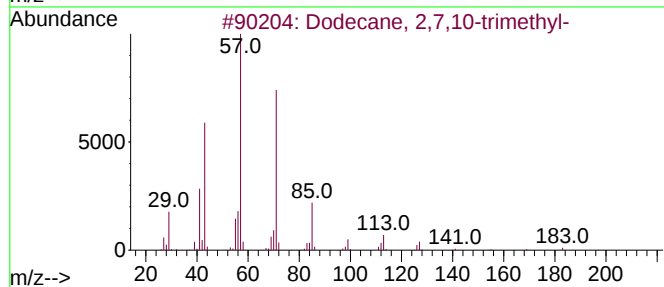
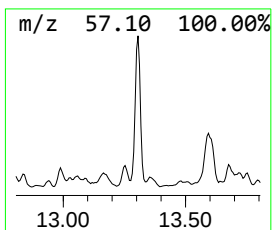
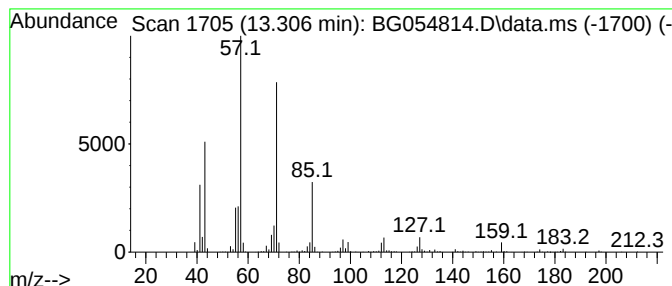
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.306	22.58 ng	800092	Acenaphthene-d10			14.786
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	90
2	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	90
3	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	83
4	Nonane, 3-methyl-5-propyl-		184	C13H28	031081-18-2	72
5	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054814.D
Acq On : 31 Aug 2022 20:13
Operator : CG/JU
Sample : N4421-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

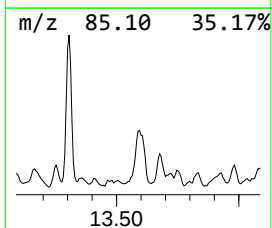
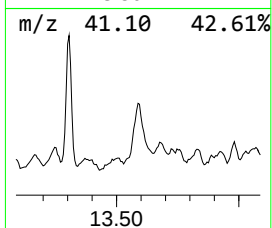
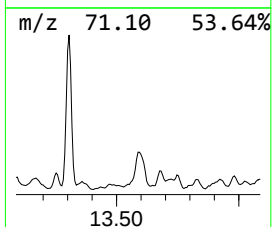
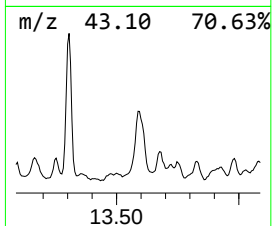
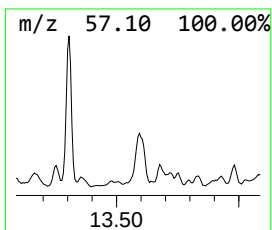
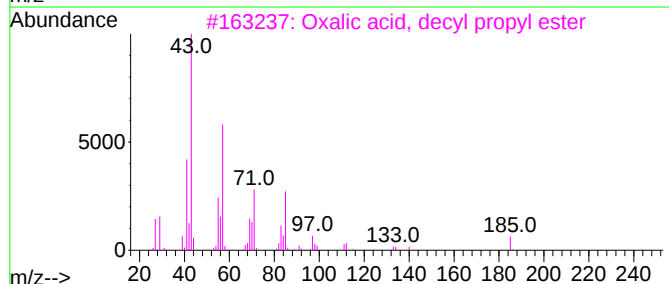
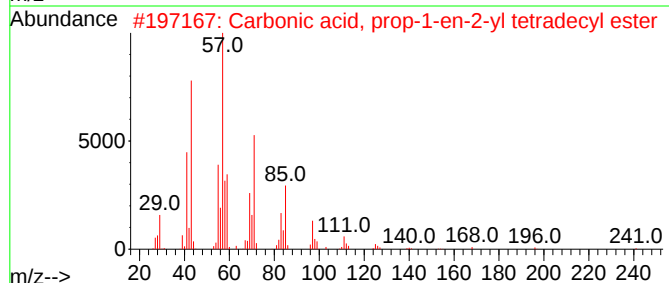
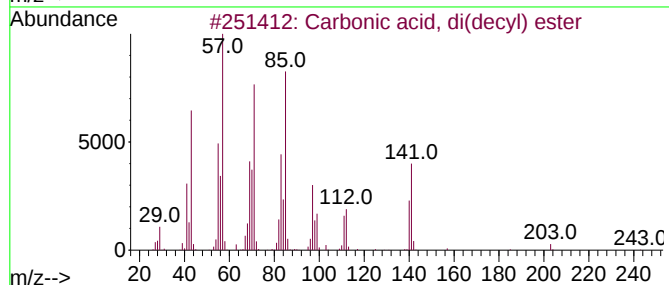
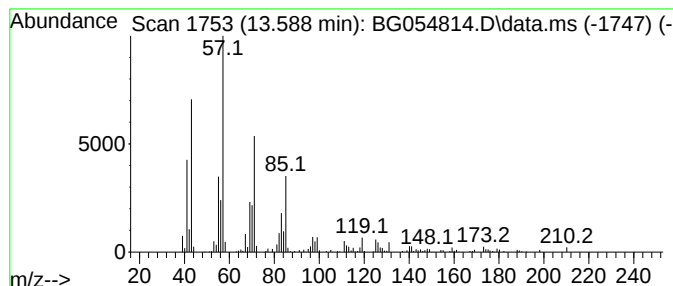
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ClientSampleId :
WC-PALM-SP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Carbonic acid, di(decyl) ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.588	16.83 ng	596416	Acenaphthene-d10			14.786
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Carbonic acid, di(decyl) ester		342	C21H42O3	1000383-15-9	87
2	Carbonic acid, prop-1-en-2-yl te...		298	C18H34O3	1000382-90-9	80
3	Oxalic acid, decyl propyl ester		272	C15H28O4	1000309-26-3	78
4	Nonadecane		268	C19H40	000629-92-5	64
5	Carbonic acid, prop-1-en-2-yl tr...		284	C17H32O3	1000382-90-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054814.D
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Operator : CG/JU
Sample : N4421-06 10X
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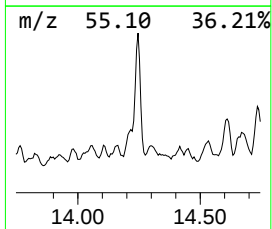
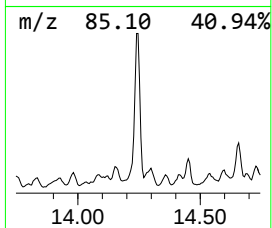
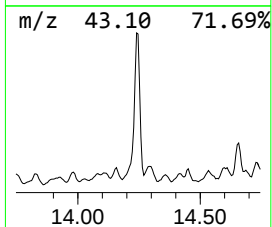
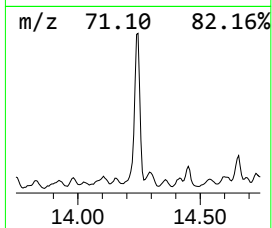
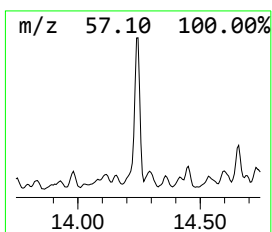
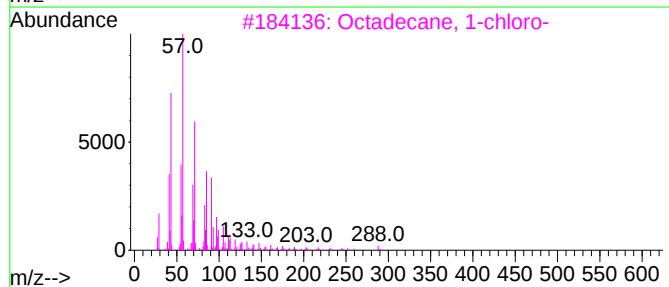
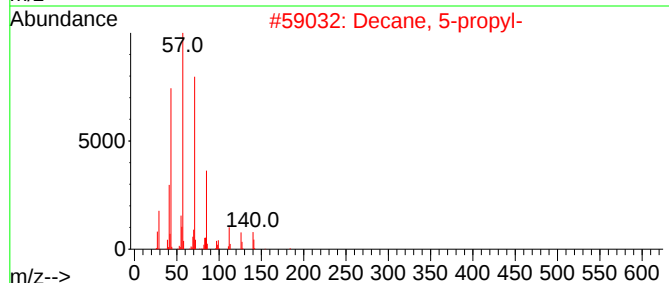
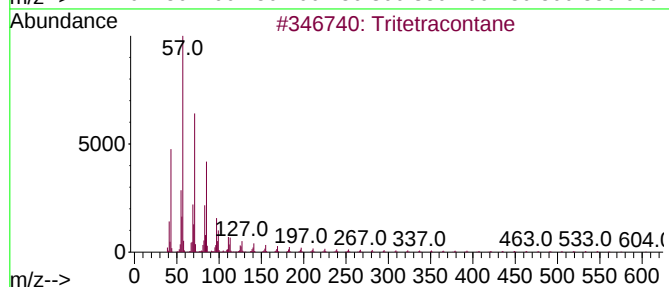
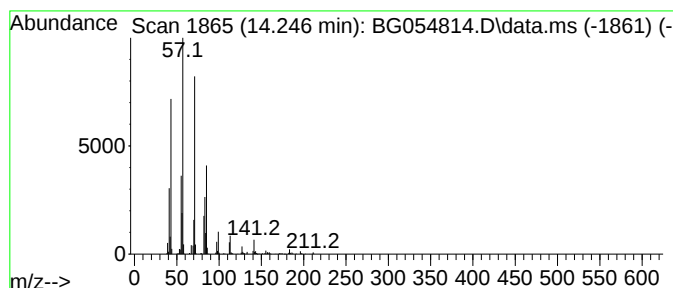
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WC-PALM-SP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tritetracontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.246	30.65 ng	1085920	Acenaphthene-d10		14.786	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tritetracontane		605	C43H88	007098-21-7	90
2	Decane, 5-propyl-		184	C13H28	017312-62-8	87
3	Octadecane, 1-chloro-		288	C18H37Cl	003386-33-2	83
4	Hexadecane		226	C16H34	000544-76-3	83
5	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054814.D
Acq On : 31 Aug 2022 20:13
Operator : CG/JU
Sample : N4421-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

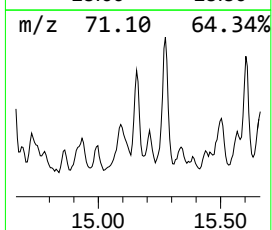
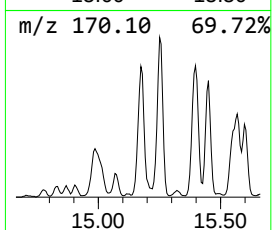
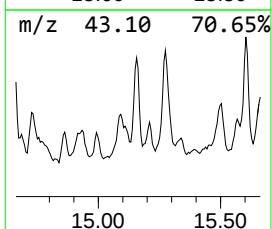
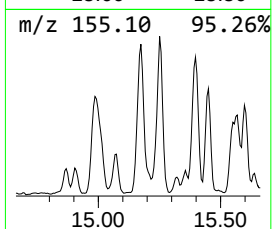
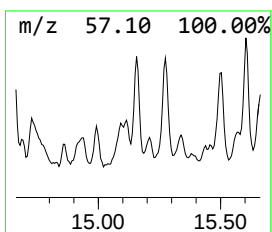
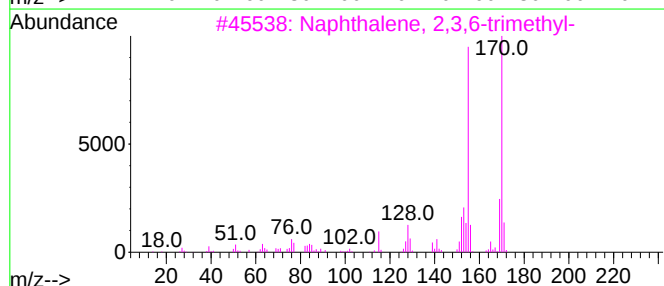
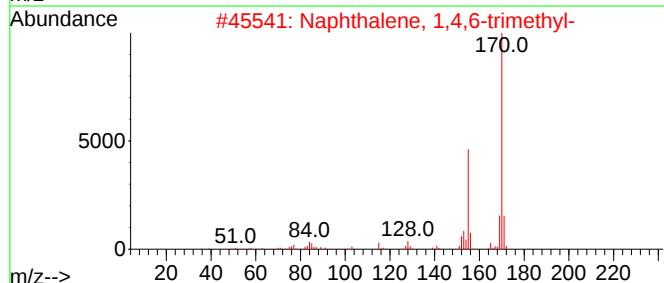
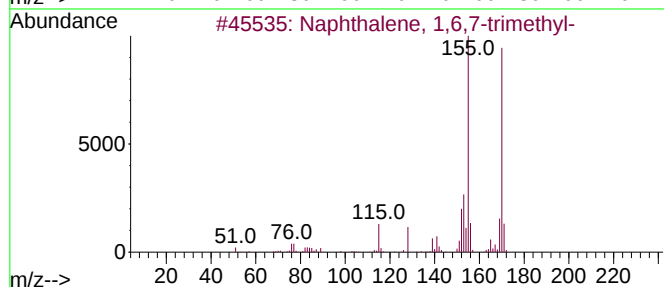
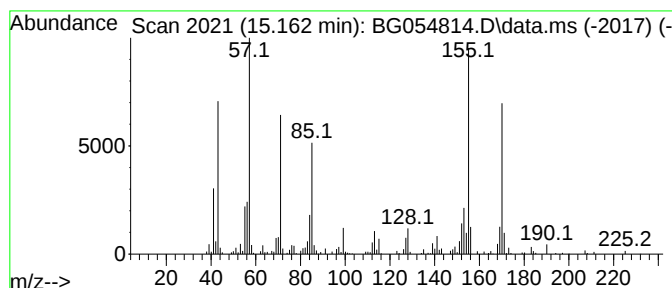
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.163	9.50 ng	336586	Acenaphthene-d10	14.786	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054814.D
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Operator : CG/JU
Sample : N4421-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

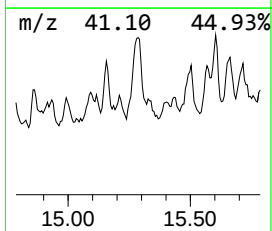
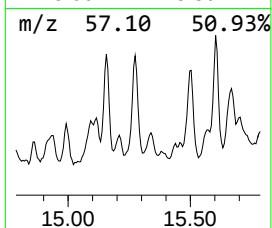
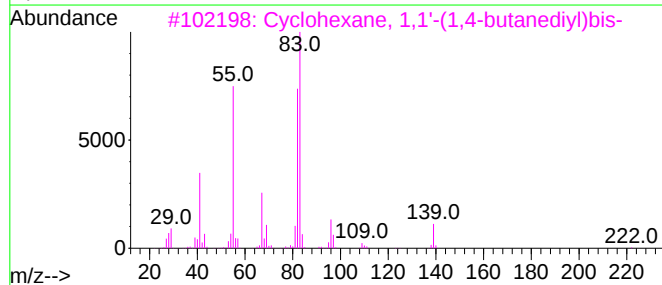
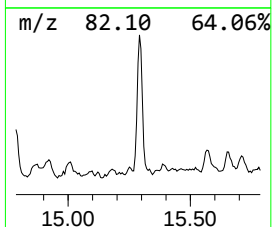
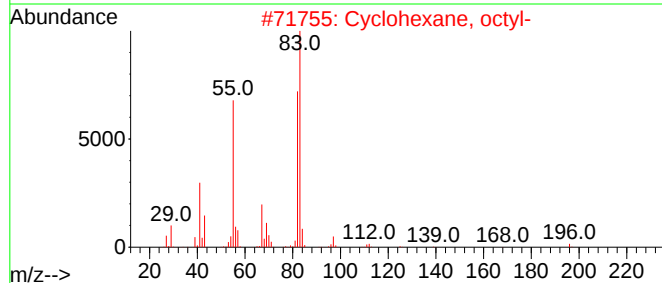
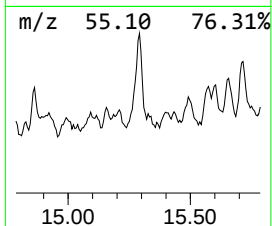
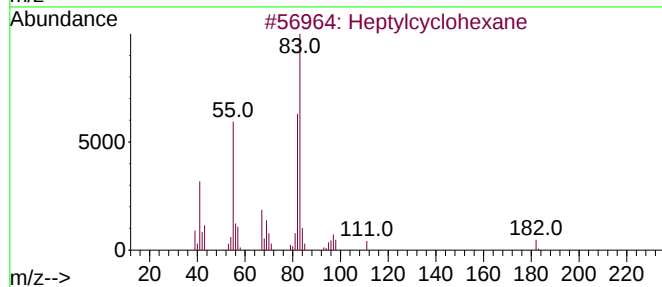
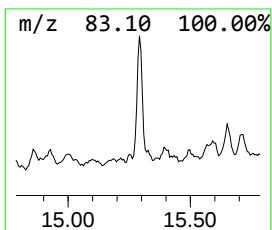
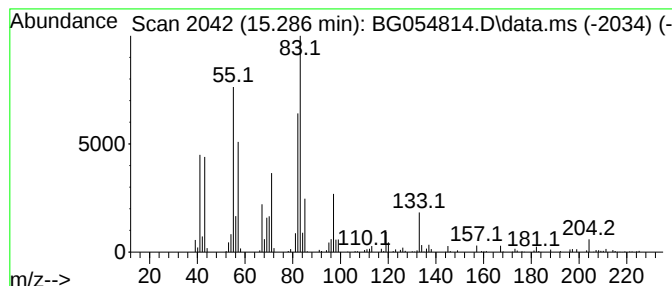
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptylcyclohexane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.286	12.49 ng	442529	Acenaphthene-d10		14.786	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptylcyclohexane		182	C13H26	005617-41-4	64
2	Cyclohexane, octyl-		196	C14H28	001795-15-9	64
3	Cyclohexane, 1,1'-(1,4-butanediyl-...		222	C16H30	006165-44-2	64
4	n-Nonylcyclohexane		210	C15H30	002883-02-5	58
5	Cyclohexane, (2-methylpropyl)-		140	C10H20	001678-98-4	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054814.D
Acq On : 31 Aug 2022 20:13
Operator : CG/JU
Sample : N4421-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

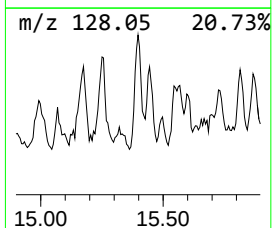
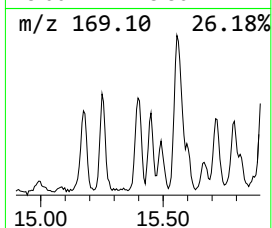
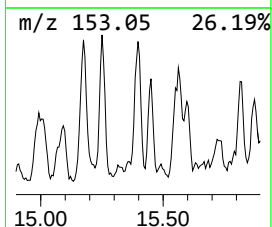
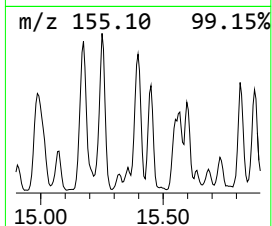
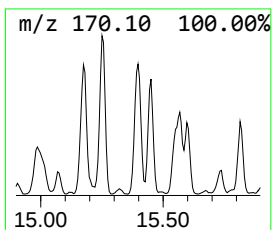
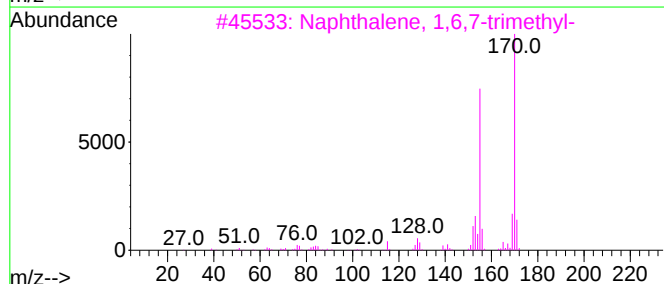
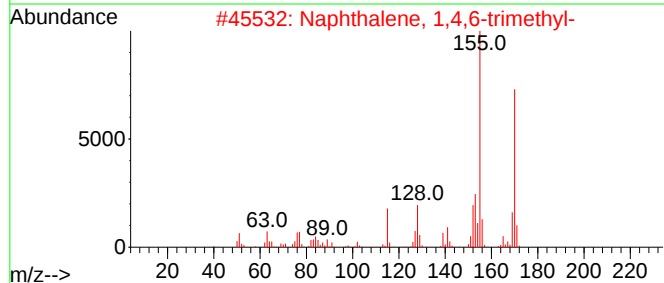
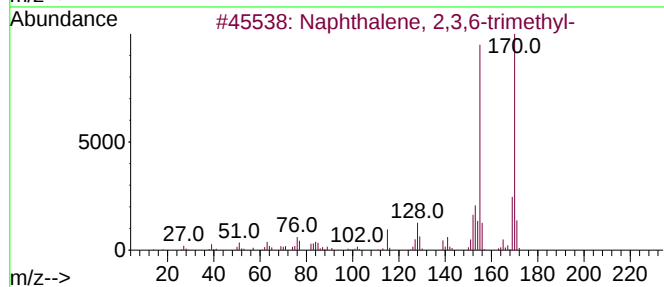
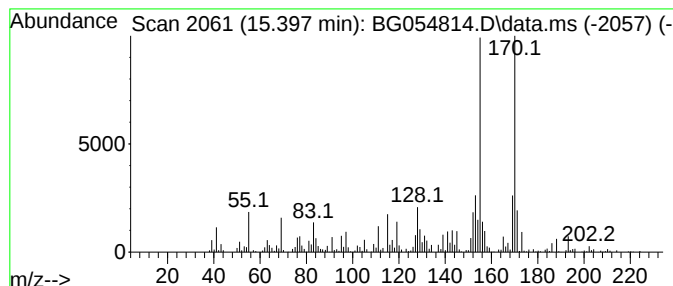
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.398	8.99 ng	318480	Acenaphthene-d10		14.786	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-		170	C13H14	000829-26-5	96
2	Naphthalene, 1,4,6-trimethyl-		170	C13H14	002131-42-2	96
3	Naphthalene, 1,6,7-trimethyl-		170	C13H14	002245-38-7	95
4	4,6,8-Trimethylazulene		170	C13H14	000941-81-1	93
5	3-(2-Methyl-propenyl)-1H-indene		170	C13H14	1000187-78-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054814.D
Acq On : 31 Aug 2022 20:13
Operator : CG/JU
Sample : N4421-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-PALM-SP-02

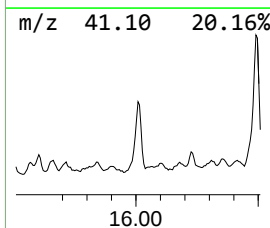
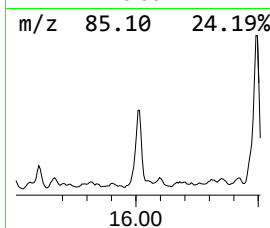
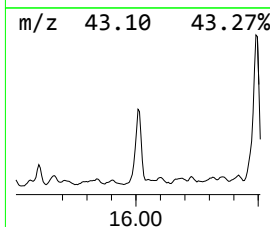
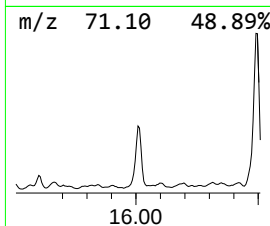
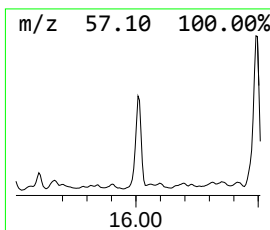
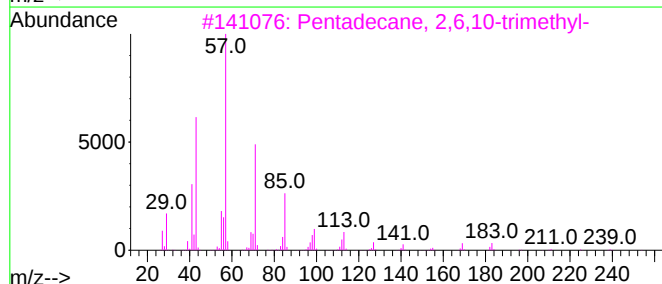
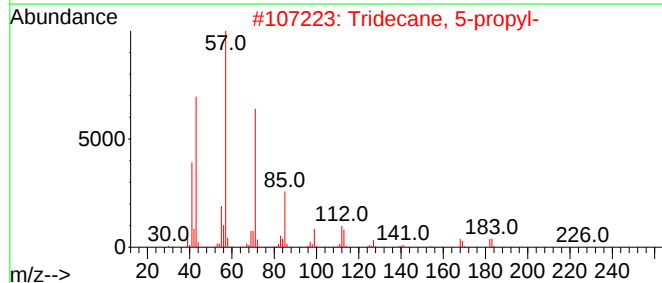
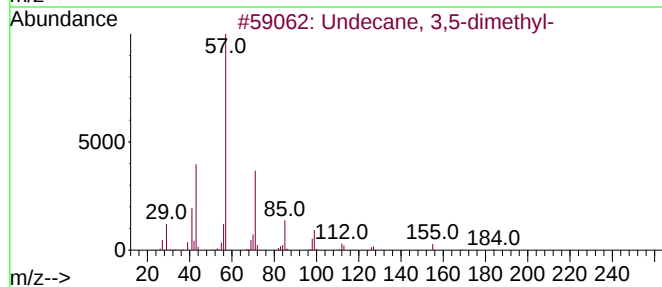
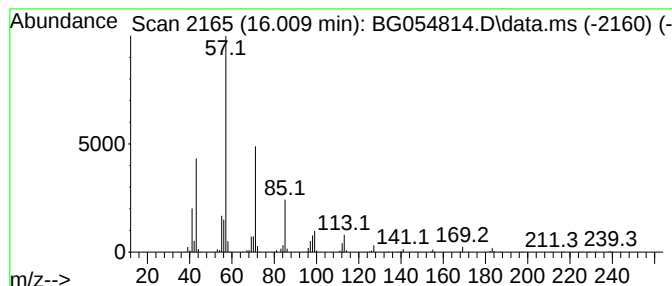
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Undecane, 3,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.009	39.99 ng	1417100	Acenaphthene-d10	14.786

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	87
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
3		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	83
5		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054814.D
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Operator : CG/JU
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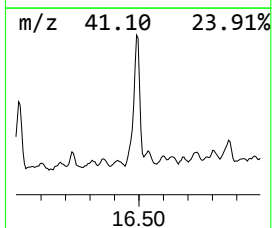
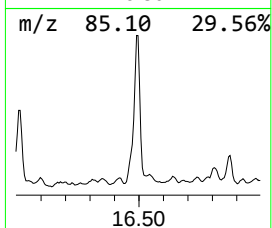
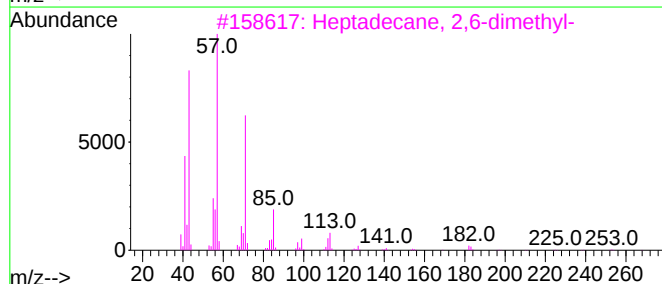
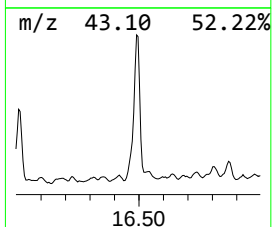
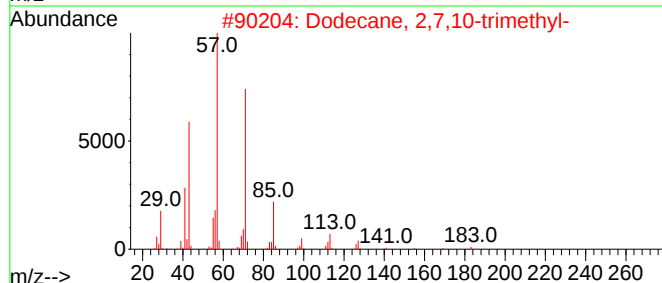
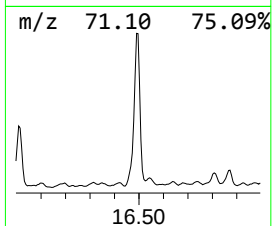
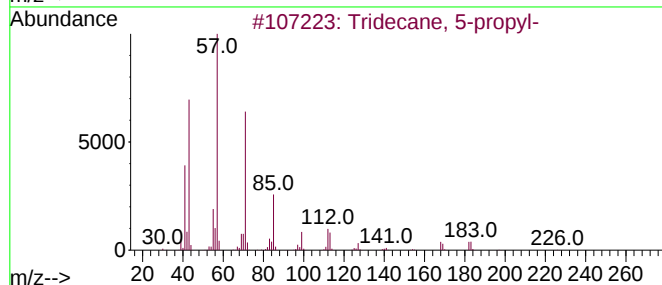
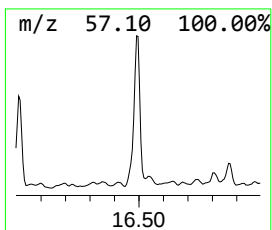
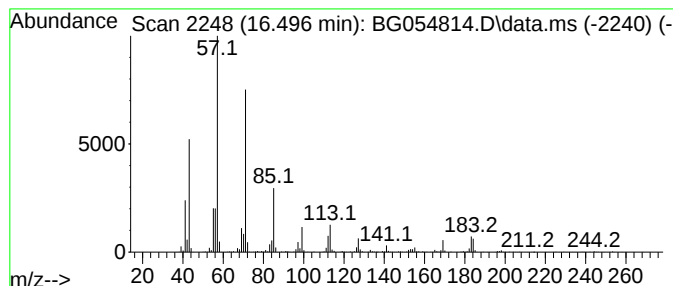
Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.496	109.05 ng	3035850	Phenanthrene-d10		17.536	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-		226	C16H34	055045-11-9	86
2	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	80
3	Heptadecane, 2,6-dimethyl-		268	C19H40	054105-67-8	80
4	Tridecane, 4-methyl-		198	C14H30	026730-12-1	76
5	Tridecane		184	C13H28	000629-50-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054814.D
Acq On : 31 Aug 2022 20:13
Operator : CG/JU
Sample : N4421-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

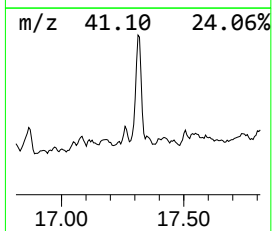
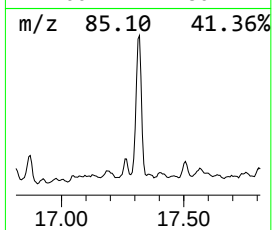
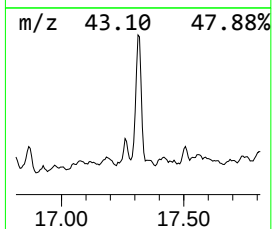
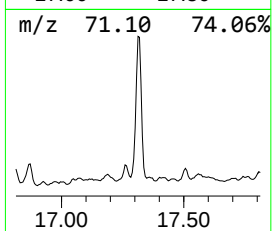
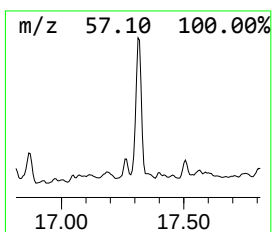
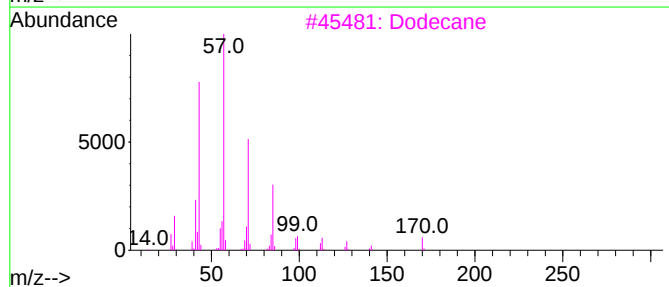
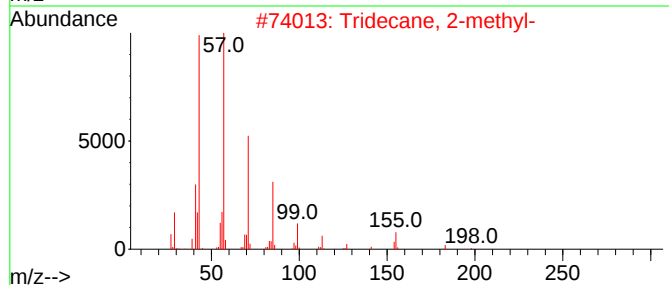
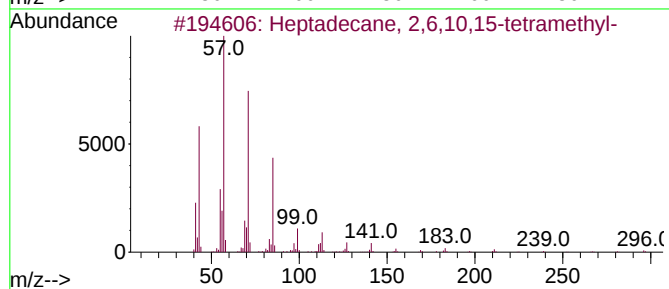
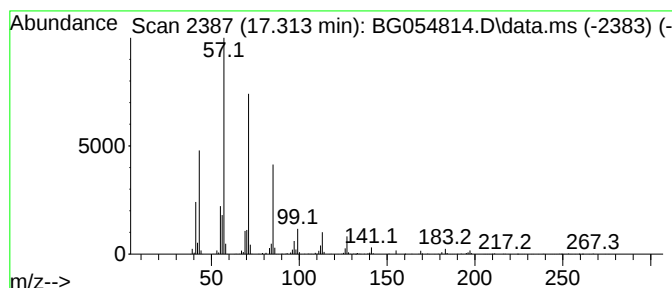
Instrument :
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ClientSampleId :
WC-PALM-SP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptadecane, 2,6,10,15-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.313	58.51 ng	1628880	Phenanthrene-d10		17.536	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	91
2	Tridecane, 2-methyl-		198	C14H30	001560-96-9	90
3	Dodecane		170	C12H26	000112-40-3	90
4	Heptadecane		240	C17H36	000629-78-7	90
5	Nonadecane		268	C19H40	000629-92-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054814.D
Acq On : 31 Aug 2022 20:13
Operator : CG/JU
Sample : N4421-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-02

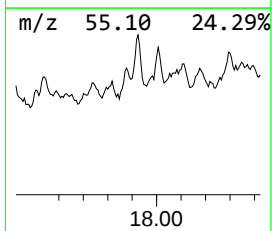
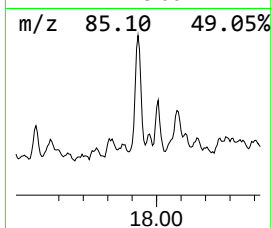
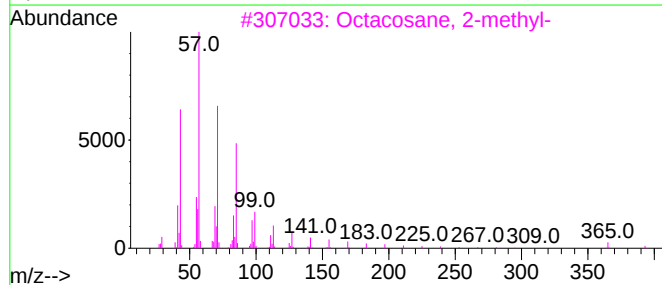
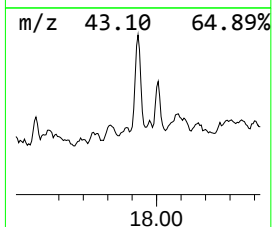
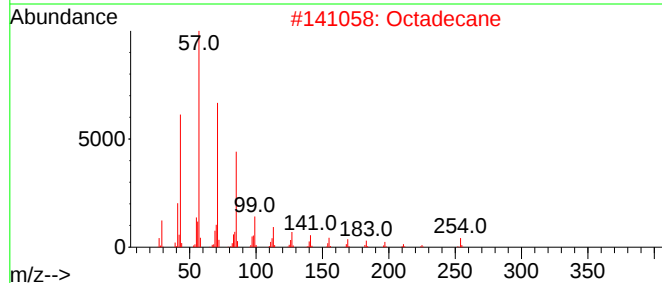
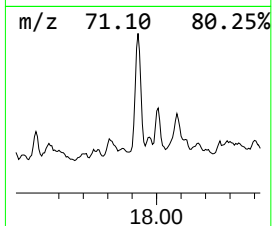
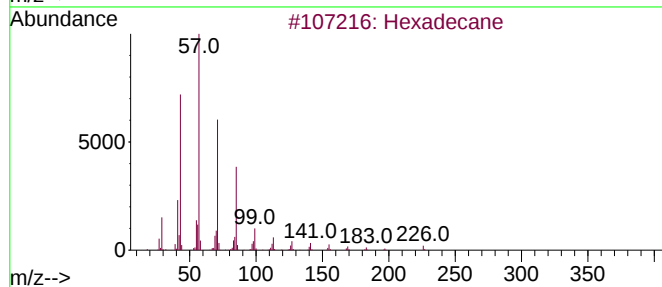
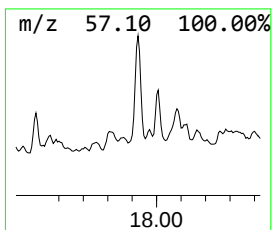
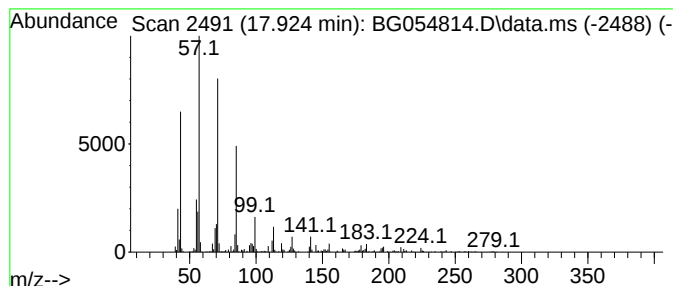
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.924	20.53 ng	571416	Phenanthrene-d10	17.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Octadecane	254	C18H38	000593-45-3	90
3			Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
4			Tetratetracontane	619	C44H90	007098-22-8	90
5			Pentacosane	352	C25H52	000629-99-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054814.D
Acq On : 31 Aug 2022 20:13
Operator : CG/JU
Sample : N4421-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-02

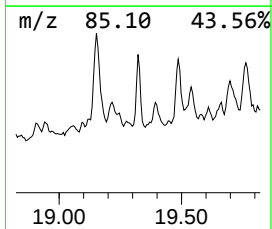
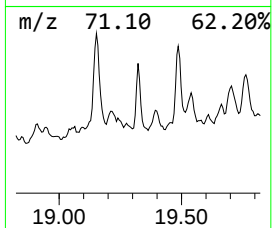
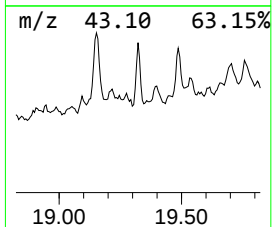
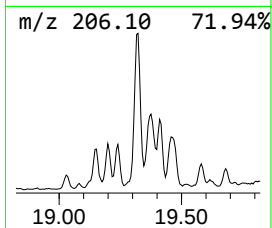
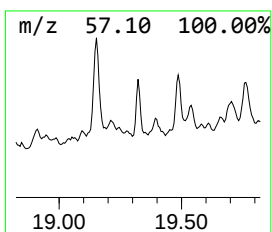
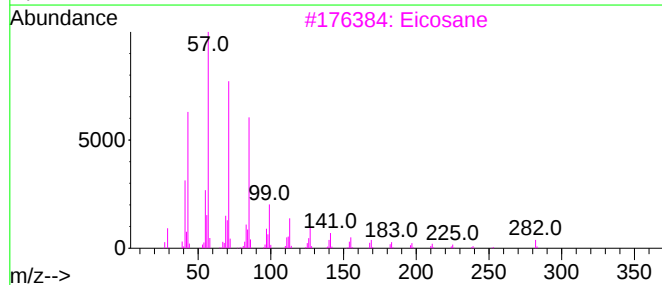
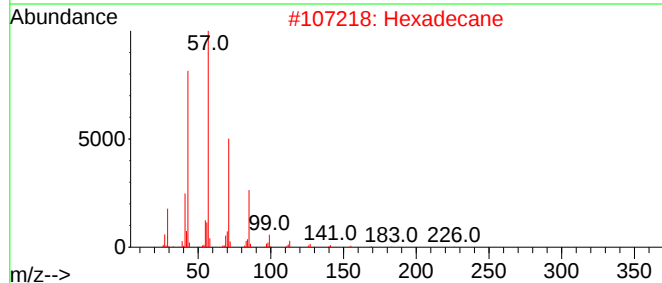
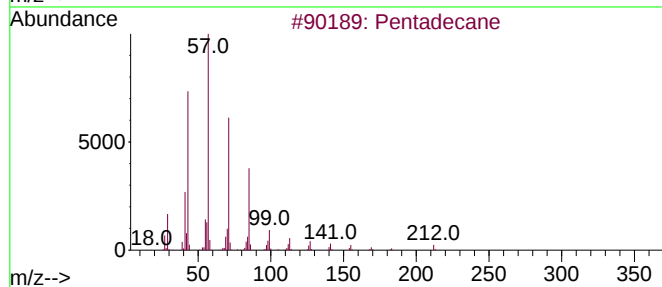
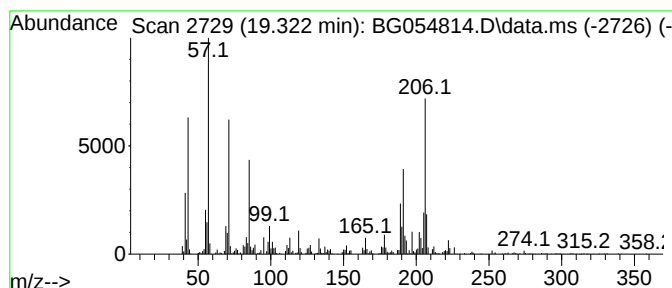
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.322	22.87 ng	636754	Phenanthrene-d10	17.536

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	90
2		Hexadecane	226	C16H34	000544-76-3	76
3		Eicosane	282	C20H42	000112-95-8	70
4		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	70
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054814.D
Acq On : 31 Aug 2022 20:13
Operator : CG/JU
Sample : N4421-06 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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
o-Cymene	9.258	22.3	ng	314992	1	8.153	282802	20.0
trans-4a-Methyl...	10.145	9.0	ng	203273	2	10.979	453494	20.0
Dodecane	10.920	9.0	ng	203519	2	10.979	453494	20.0
Undecane, 2,6-d...	11.108	22.2	ng	503720	2	10.979	453494	20.0
unknown11.179	11.179	9.6	ng	218472	2	10.979	453494	20.0
Cyclohexane, (4...	11.667	10.4	ng	236727	2	10.979	453494	20.0
Nonane, 2,6-dim...	11.972	28.3	ng	641772	2	10.979	453494	20.0
Carbonic acid, ...	12.360	12.5	ng	282820	2	10.979	453494	20.0
Cyclohexane, pe...	13.059	9.4	ng	334387	3	14.786	708663	20.0
Dodecane, 2,7,1...	13.306	22.6	ng	800092	3	14.786	708663	20.0
Carbonic acid, ...	13.588	16.8	ng	596416	3	14.786	708663	20.0
Tritetracontane	14.246	30.6	ng	1085920	3	14.786	708663	20.0
Naphthalene, 1,...	15.163	9.5	ng	336586	3	14.786	708663	20.0
Heptylcyclohexane	15.286	12.5	ng	442529	3	14.786	708663	20.0
Naphthalene, 2,...	15.398	9.0	ng	318480	3	14.786	708663	20.0
Undecane, 3,5-d...	16.009	40.0	ng	1417100	3	14.786	708663	20.0
Tridecane, 5-pr...	16.496	109.1	ng	3035850	4	17.536	556764	20.0
Heptadecane, 2,...	17.313	58.5	ng	1628880	4	17.536	556764	20.0
Hexadecane	17.924	20.5	ng	571416	4	17.536	556764	20.0
Pentadecane	19.322	22.9	ng	636754	4	17.536	556764	20.0