

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
 Data File : BG041485.D
 Acq On : 27 Jun 2019 11:12
 Operator : HP/JU
 Sample : K3511-01 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.566	416	422	434	rBV	190941	322269	43.82%	2.805%
2	6.624	598	602	611	rVB6	11143	27553	3.75%	0.240%
3	7.135	684	689	692	rBV3	22367	37582	5.11%	0.327%
4	7.188	692	698	712	rVB	202735	390451	53.10%	3.398%
5	7.558	754	761	766	rVV	216789	387636	52.71%	3.374%
6	7.605	766	769	777	rVB	71712	112020	15.23%	0.975%
7	7.899	812	819	823	rBV8	8105	21089	2.87%	0.184%
8	7.963	825	830	836	rVV3	30839	53035	7.21%	0.462%
9	8.028	836	841	853	rVB	107593	212915	28.95%	1.853%
10	8.134	853	859	862	rBV5	18994	35309	4.80%	0.307%
11	8.292	882	886	890	rVV4	20997	31914	4.34%	0.278%
12	8.351	890	896	903	rVB	165510	277173	37.69%	2.412%
13	8.515	918	924	928	rBV4	24188	48842	6.64%	0.425%
14	8.568	928	933	942	rVB5	33938	72527	9.86%	0.631%
15	8.651	942	947	954	rBV3	46147	80886	11.00%	0.704%
16	8.756	961	965	972	rBV3	26836	50190	6.83%	0.437%
17	8.986	996	1004	1006	rBV6	10623	23796	3.24%	0.207%
18	9.121	1022	1027	1033	rVB4	32890	62056	8.44%	0.540%
19	9.221	1036	1044	1051	rBV3	272051	527048	71.67%	4.587%
20	9.367	1066	1069	1076	rVB5	26919	51179	6.96%	0.445%
21	9.467	1078	1086	1093	rBV8	25588	59616	8.11%	0.519%
22	9.644	1112	1116	1122	rVB5	26705	46989	6.39%	0.409%
23	9.714	1123	1128	1130	rVV3	24268	40473	5.50%	0.352%
24	9.743	1130	1133	1142	rVB6	35313	76864	10.45%	0.669%
25	9.873	1149	1155	1159	rBV6	11721	28367	3.86%	0.247%
26	9.937	1159	1166	1171	rVV5	29154	62676	8.52%	0.545%
27	10.014	1173	1179	1183	rBV5	25502	56622	7.70%	0.493%
28	10.143	1196	1201	1210	rVB6	23059	54702	7.44%	0.476%
29	10.231	1210	1216	1223	rBV3	68027	128582	17.49%	1.119%
30	10.331	1229	1233	1238	rVB3	30436	51732	7.03%	0.450%
31	10.384	1238	1242	1243	rBV3	16526	20748	2.82%	0.181%
32	10.407	1243	1246	1252	rVB5	21609	34382	4.68%	0.299%
33	10.472	1252	1257	1262	rBV4	21729	35189	4.79%	0.306%
34	10.531	1263	1267	1272	rVB4	24248	44387	6.04%	0.386%

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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.601	1273	1279	1282	rBV6	13982	27477	3.74%	0.239%
36	10.713	1294	1298	1301	rBV5	16358	25710	3.50%	0.224%
37	10.778	1303	1309	1314	rBV	223316	335779	45.66%	2.922%
38	10.854	1317	1322	1327	rVV	112350	185595	25.24%	1.615%
39	10.960	1334	1340	1346	rVB2	105822	188774	25.67%	1.643%
40	11.036	1347	1353	1358	rBV9	25710	62983	8.56%	0.548%
41	11.312	1395	1400	1405	rVB6	36053	65239	8.87%	0.568%
42	11.436	1416	1421	1425	rBV5	10174	20357	2.77%	0.177%
43	11.524	1429	1436	1441	rBV8	53484	122856	16.71%	1.069%
44	11.641	1452	1456	1465	rVB7	28321	67627	9.20%	0.589%
45	11.723	1465	1470	1480	rVB4	45275	97912	13.31%	0.852%
46	11.823	1480	1487	1492	rBV	99826	159449	21.68%	1.388%
47	11.876	1492	1496	1501	rBV7	25754	41842	5.69%	0.364%
48	12.029	1516	1522	1527	rBV6	60088	108278	14.72%	0.942%
49	12.094	1528	1533	1537	rBV6	18722	34896	4.75%	0.304%
50	12.223	1549	1555	1560	rBV	248685	372881	50.71%	3.245%
51	12.387	1580	1583	1586	rVB4	15445	20471	2.78%	0.178%
52	12.499	1599	1602	1608	rBV8	11378	20479	2.78%	0.178%
53	12.746	1639	1644	1648	rBV4	42732	70980	9.65%	0.618%
54	12.852	1658	1662	1667	rBV5	34475	54242	7.38%	0.472%
55	12.957	1677	1680	1684	rVB4	22859	28969	3.94%	0.252%
56	13.028	1684	1692	1700	rVB8	42393	114095	15.52%	0.993%
57	13.116	1703	1707	1711	rVB3	32113	41846	5.69%	0.364%
58	13.169	1711	1716	1721	rBV2	77700	116263	15.81%	1.012%
59	13.292	1732	1737	1746	rVB	308360	472980	64.32%	4.116%
60	13.457	1760	1765	1771	rBV	214522	294506	40.05%	2.563%
61	13.545	1776	1780	1784	rBV7	12261	22188	3.02%	0.193%
62	13.850	1829	1832	1837	rBV7	16465	24835	3.38%	0.216%
63	13.944	1843	1848	1851	rBV7	11078	22230	3.02%	0.193%
64	13.991	1851	1856	1859	rVV6	24380	42580	5.79%	0.371%
65	14.027	1859	1862	1867	rVB6	19192	29110	3.96%	0.253%
66	14.115	1868	1877	1881	rBV4	87667	169439	23.04%	1.475%
67	14.232	1893	1897	1901	rVB4	26577	37065	5.04%	0.323%
68	14.397	1921	1925	1933	rVV4	14225	32659	4.44%	0.284%
69	14.479	1935	1939	1943	rVV7	13372	23122	3.14%	0.201%
70	14.526	1943	1947	1956	rVB	149046	194057	26.39%	1.689%
71	14.608	1956	1961	1963	rBV5	13815	24897	3.39%	0.217%

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72	14.673	1967	1972	1980	rVB2	218464	356988	48.54%	3.107%
73	14.973	2017	2023	2028	rVV8	12638	32816	4.46%	0.286%
74	15.025	2028	2032	2036	rVV7	19382	29689	4.04%	0.258%
75	15.084	2036	2042	2047	rVB8	16291	30496	4.15%	0.265%
76	15.137	2047	2051	2054	rBV5	24369	36909	5.02%	0.321%
77	15.208	2060	2063	2070	rVB5	15243	27022	3.67%	0.235%
78	15.296	2070	2078	2084	rBV5	14917	43545	5.92%	0.379%
79	15.478	2098	2109	2115	rBV	79035	121553	16.53%	1.058%
80	15.877	2168	2177	2181	rBV2	26057	51556	7.01%	0.449%
81	16.165	2220	2226	2241	rBV	293476	494569	67.25%	4.304%
82	16.336	2250	2255	2264	rBV	50815	99850	13.58%	0.869%
83	17.129	2386	2390	2394	rVB2	30032	36353	4.94%	0.316%
84	17.423	2433	2440	2445	rBV	313030	485119	65.97%	4.222%
85	17.470	2445	2448	2452	rVB2	19379	27289	3.71%	0.237%
86	17.869	2510	2516	2524	rVB2	23514	33563	4.56%	0.292%
87	18.304	2584	2590	2592	rVV6	12398	26446	3.60%	0.230%
88	18.563	2627	2634	2639	rVB4	15455	25807	3.51%	0.225%
89	19.191	2736	2741	2743	rBV2	24351	31071	4.23%	0.270%
90	19.221	2743	2746	2753	rVB8	16883	27456	3.73%	0.239%
91	19.473	2785	2789	2793	rBV	38860	57351	7.80%	0.499%
92	19.837	2848	2851	2856	rVB	35482	48867	6.65%	0.425%
93	20.020	2876	2882	2889	rBV	555317	735378	100.00%	6.400%
94	20.296	2925	2929	2933	rBV5	21926	30304	4.12%	0.264%
95	20.930	3032	3037	3039	rBV6	10935	20671	2.81%	0.180%
96	21.694	3161	3167	3180	rVB2	331669	617245	83.94%	5.372%
97	21.835	3189	3191	3197	rVB6	23685	35138	4.78%	0.306%
98	22.446	3291	3295	3299	rVB4	22104	30519	4.15%	0.266%
99	23.339	3443	3447	3450	rBV6	12745	20438	2.78%	0.178%
100	24.979	3718	3726	3736	rVB	195756	534899	72.74%	4.655%

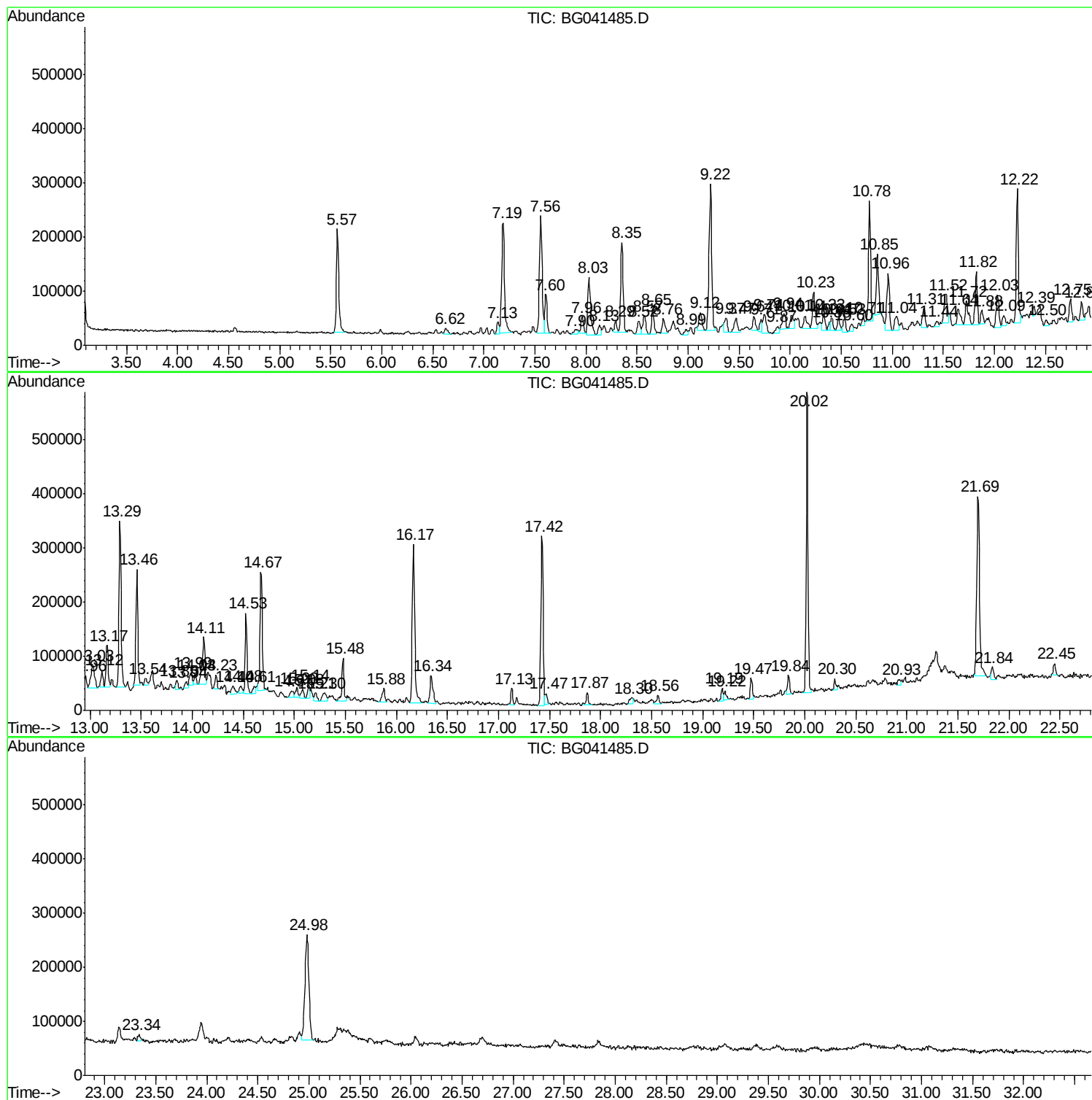
Sum of corrected areas: 11490374

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Instrument :
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ClientSampled :
COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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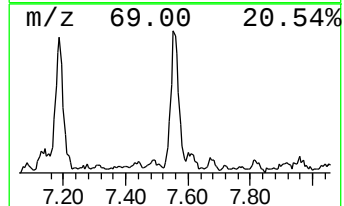
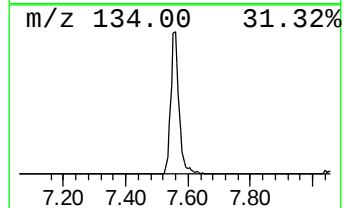
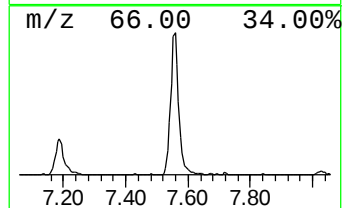
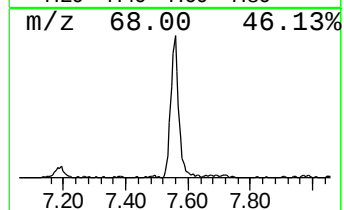
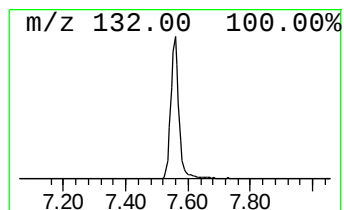
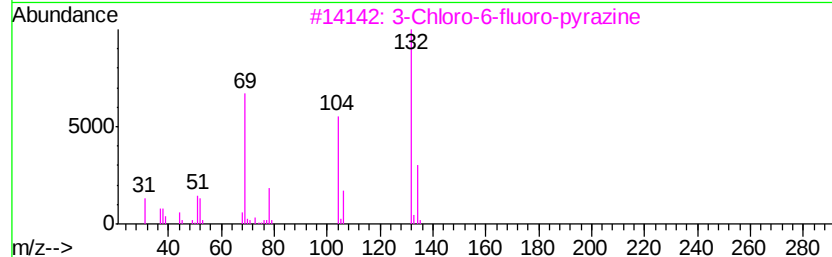
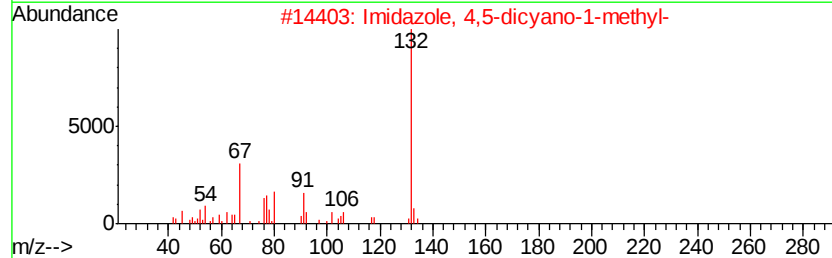
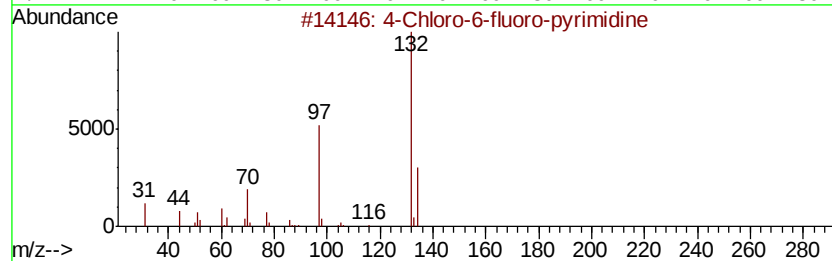
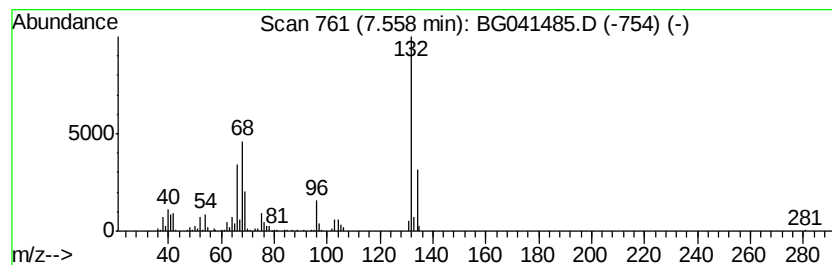
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	36.41 ng	387636	1,4-Dichlorobenzene-d4	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	14
5		Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	12



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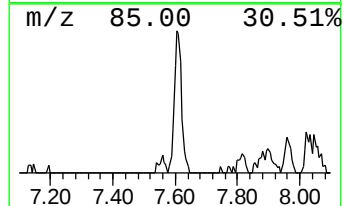
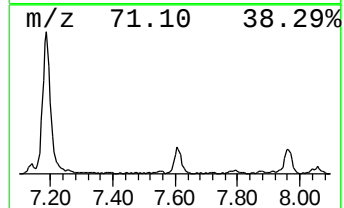
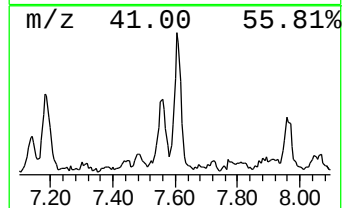
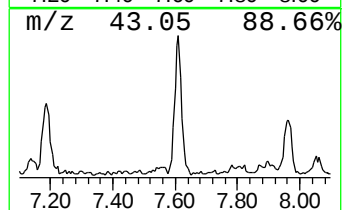
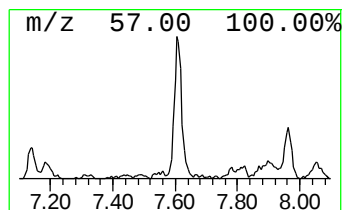
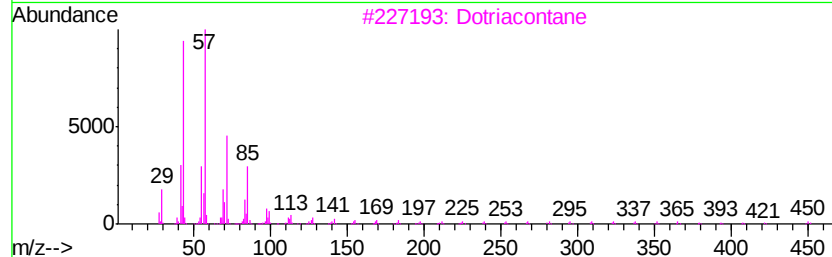
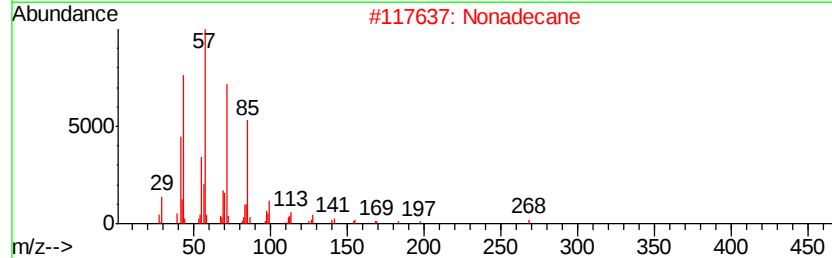
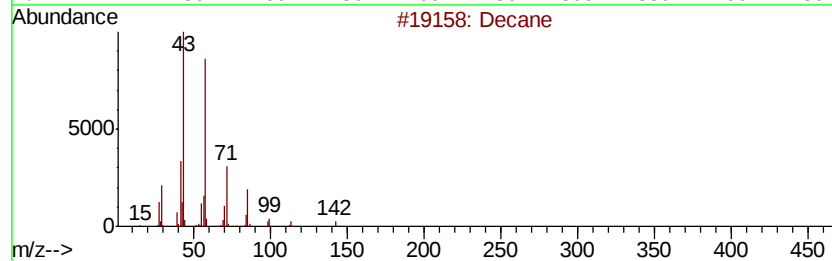
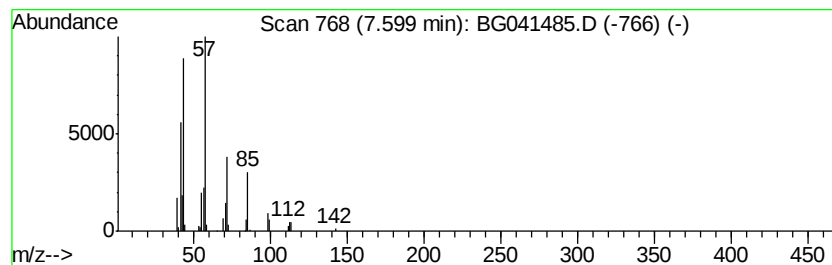
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 Decane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	10.52 ng	112020	1,4-Dichlorobenzene-d4	8.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	83
2	Nonadecane		268	C19H40	000629-92-5	78
3	Dotriacontane		451	C32H66	000544-85-4	72
4	Tridecane		184	C13H28	000629-50-5	72
5	Undecane		156	C11H24	001120-21-4	72



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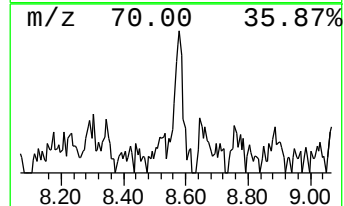
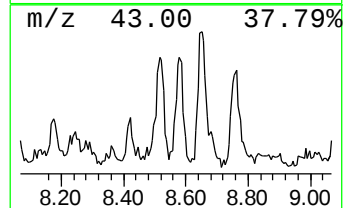
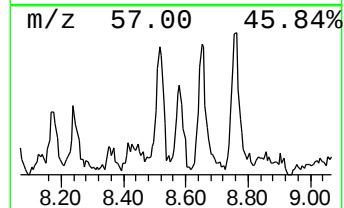
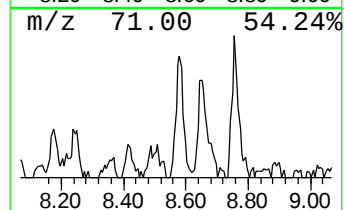
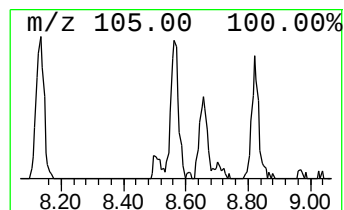
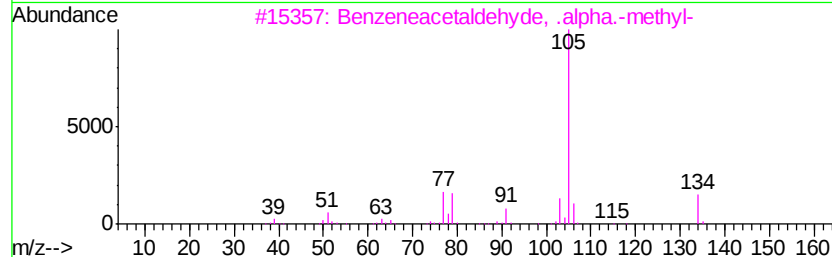
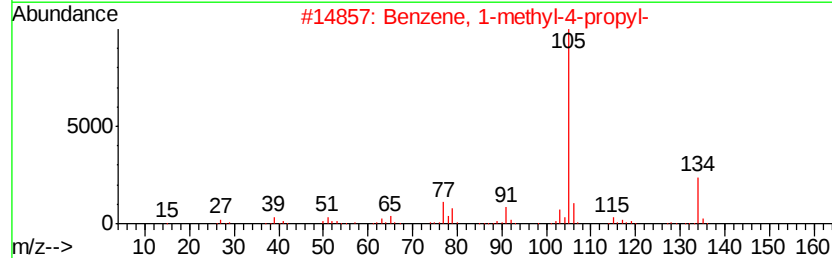
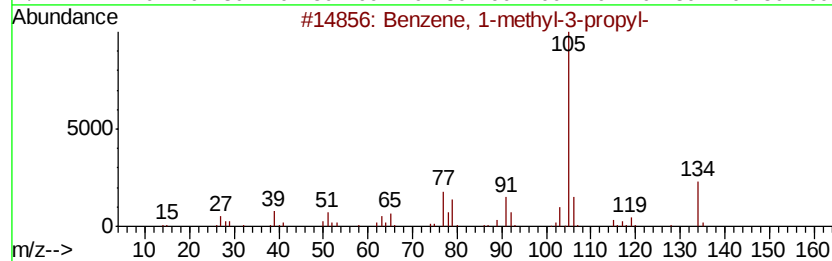
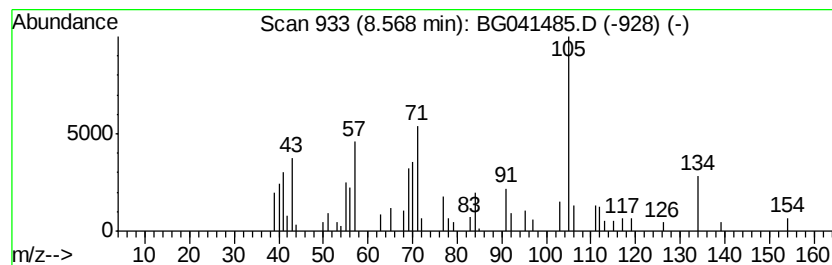
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TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown8.57 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	6.81 ng	72527	1,4-Dichlorobenzene-d4	8.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	38
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	27
3			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	22
4			Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	16
5			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	16



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Data File : BG041485.D
Acq On : 27 Jun 2019 11:12
Operator : HP/JU
Sample : K3511-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

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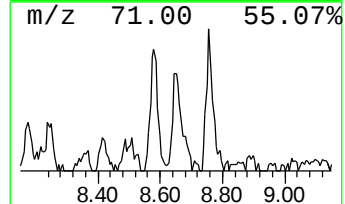
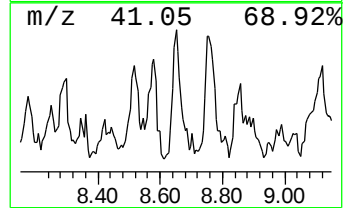
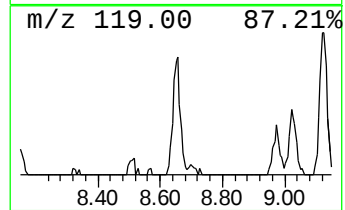
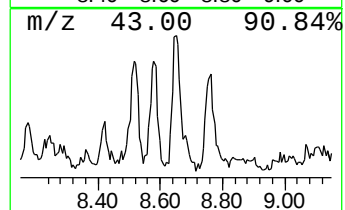
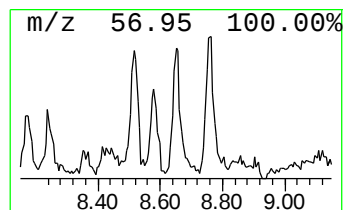
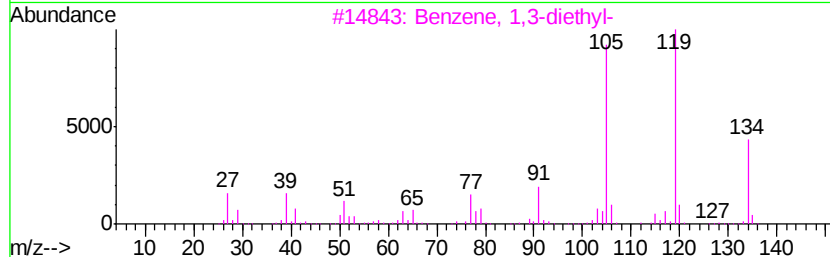
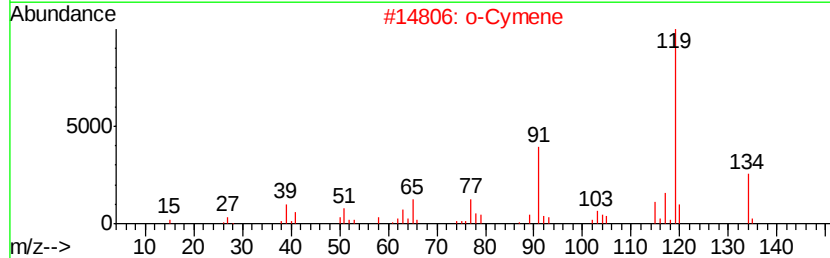
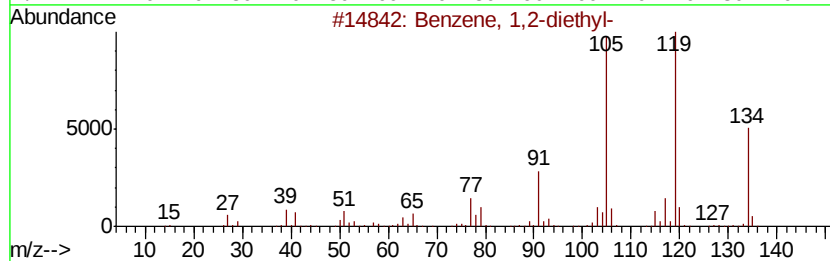
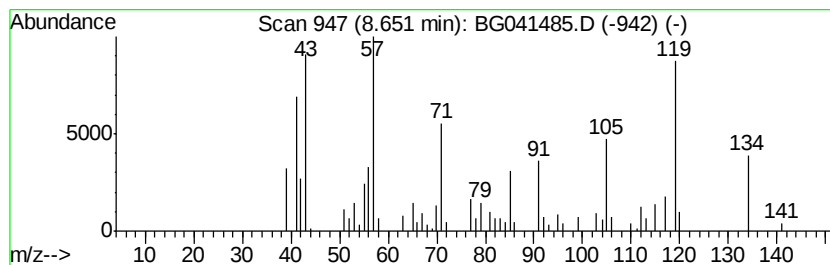
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown8.65 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	7.60 ng	80886	1,4-Dichlorobenzene-d4	8.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	49
2			o-Cymene	134	C10H14	000527-84-4	49
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	49
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	46
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041485.D
Acq On : 27 Jun 2019 11:12
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Misc :
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ClientSampleId :
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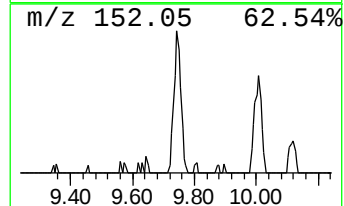
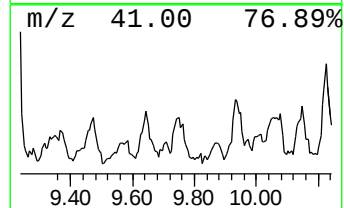
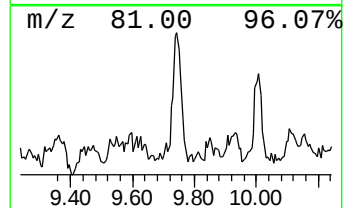
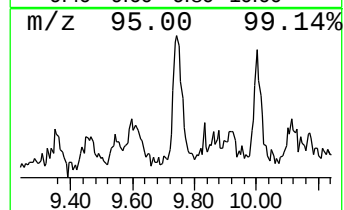
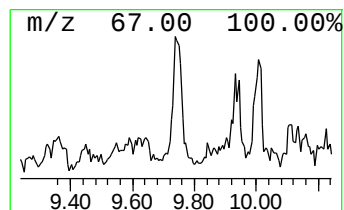
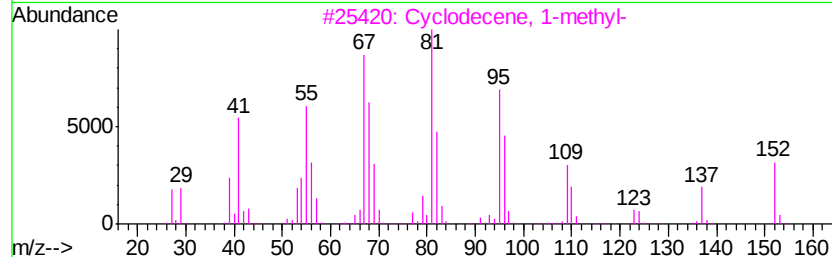
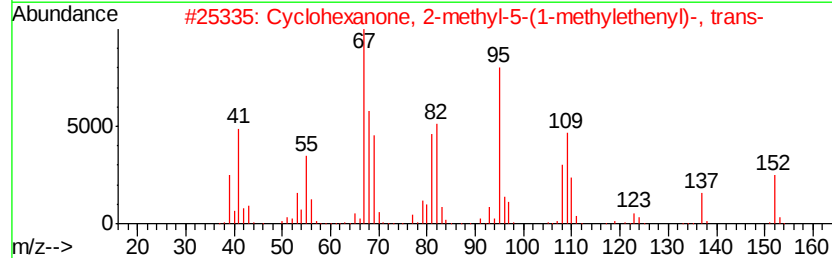
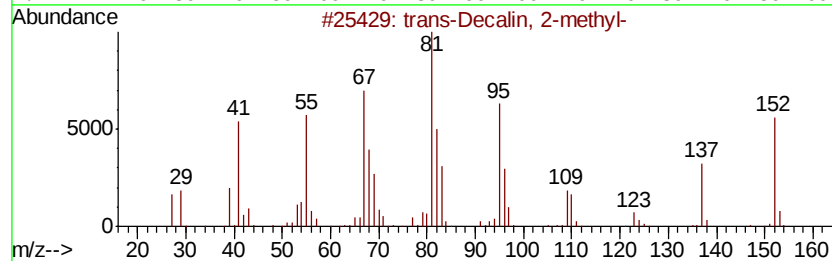
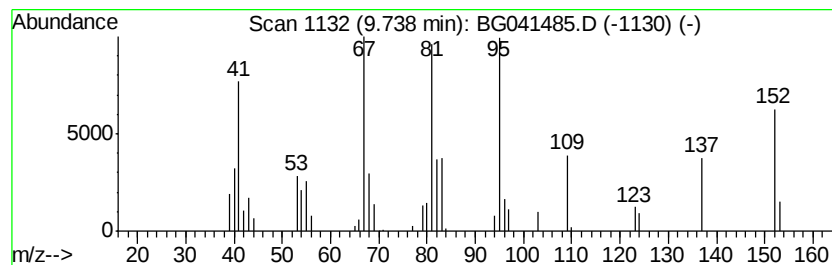
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 trans-Decalin, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	8.28 ng	76864	Naphthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	94
2		Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	90
3		Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	83
4		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	74
5		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041485.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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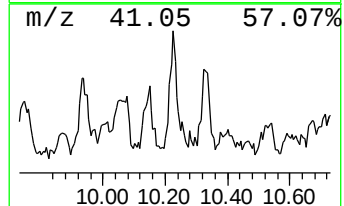
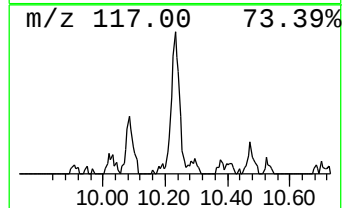
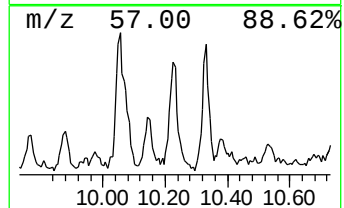
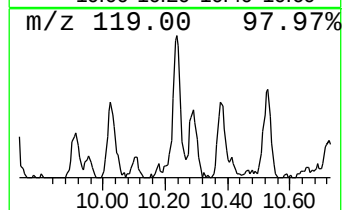
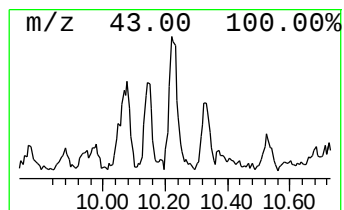
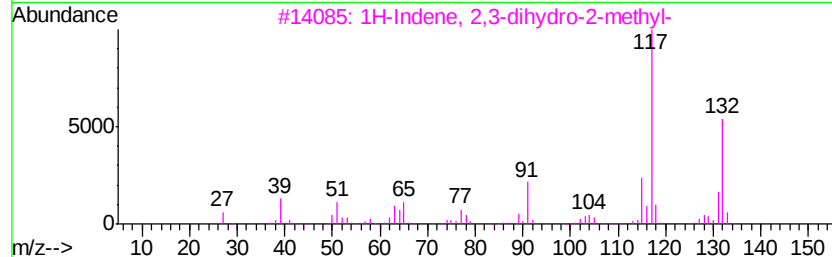
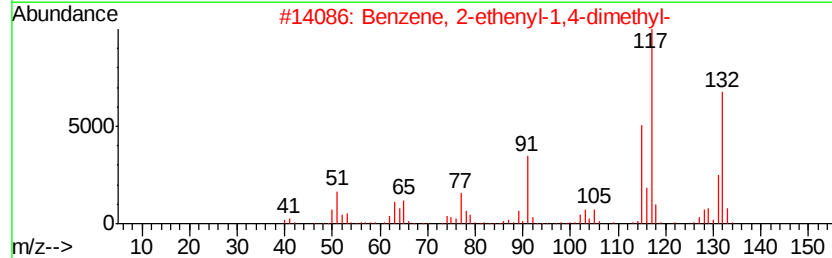
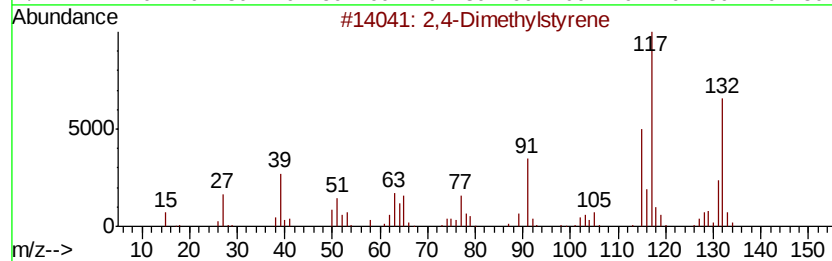
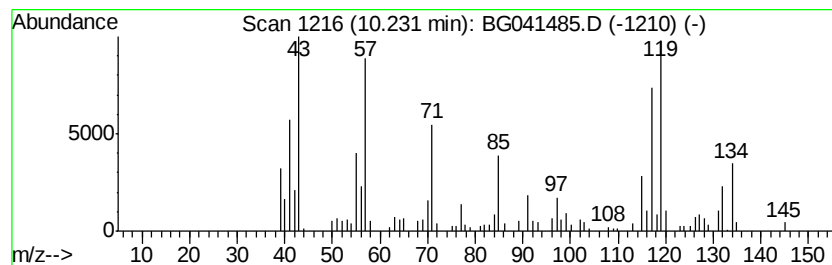
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown10.23 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	13.86 ng	128582	Naphthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Dimethylstyrene	132	C10H12	002234-20-0	49
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	49
3		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	42
4		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	42
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041485.D
Acq On : 27 Jun 2019 11:12
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Sample : K3511-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

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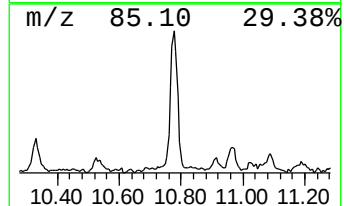
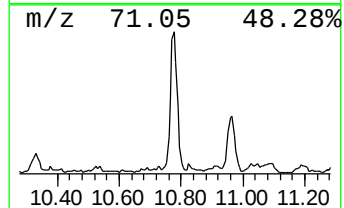
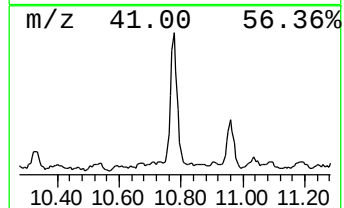
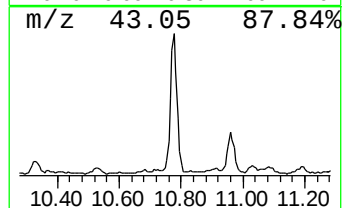
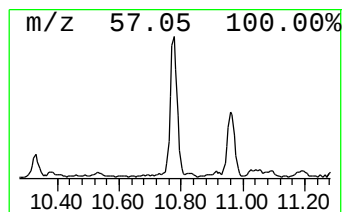
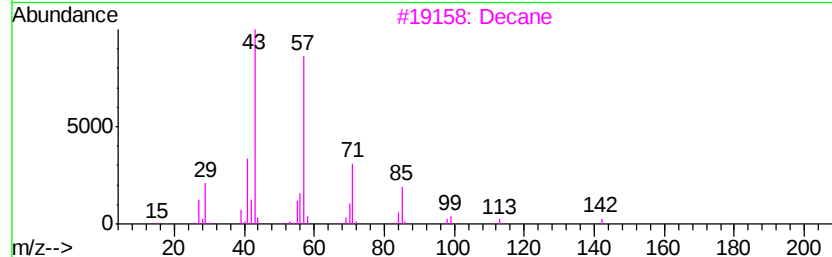
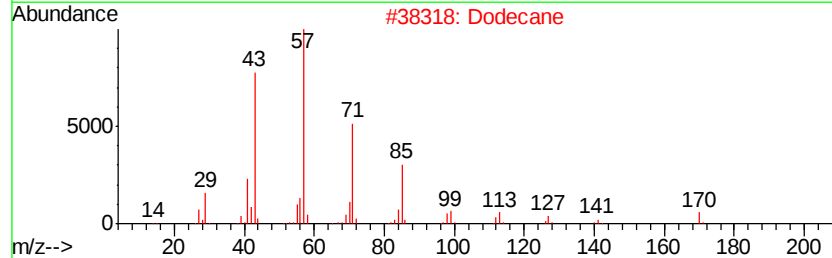
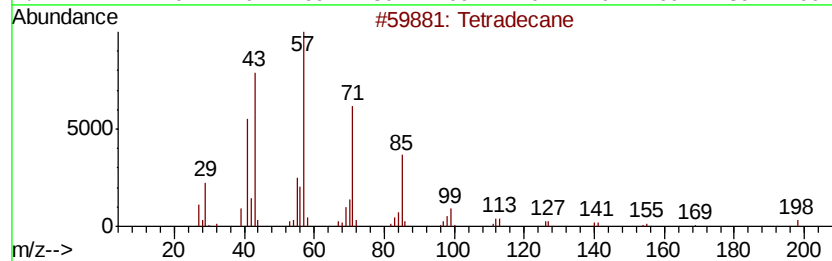
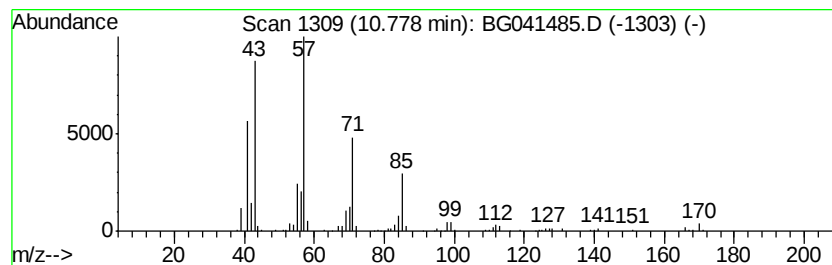
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	36.18 ng	335779	Naphthalene-d8	10.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	90
2		Dodecane	170	C12H26	000112-40-3	87
3		Decane	142	C10H22	000124-18-5	86
4		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80
5		Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
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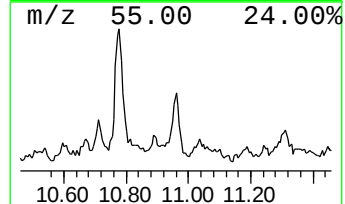
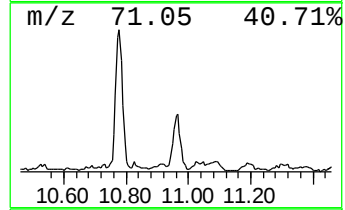
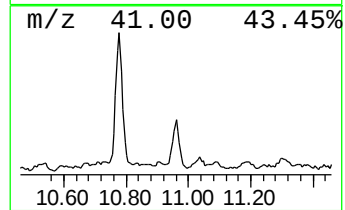
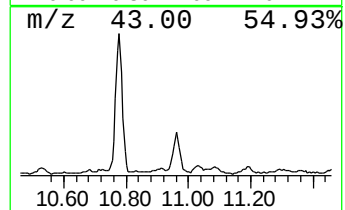
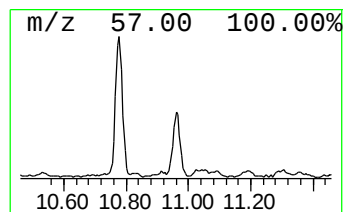
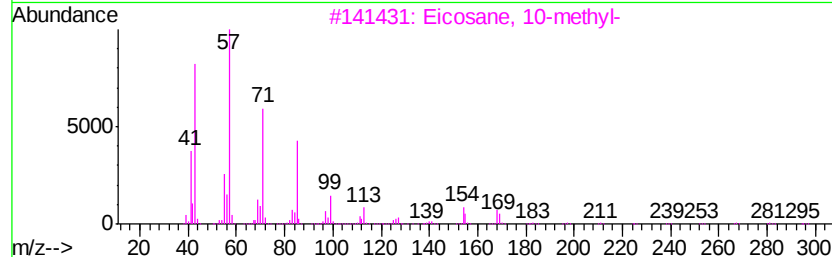
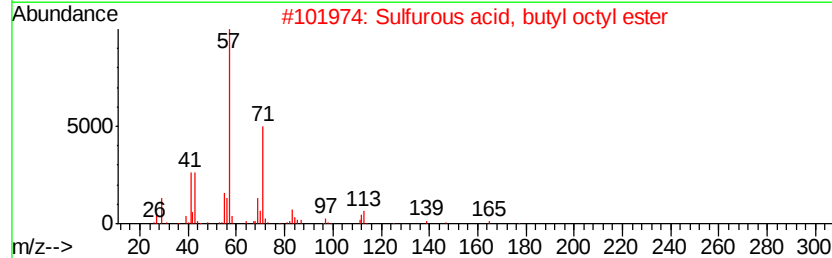
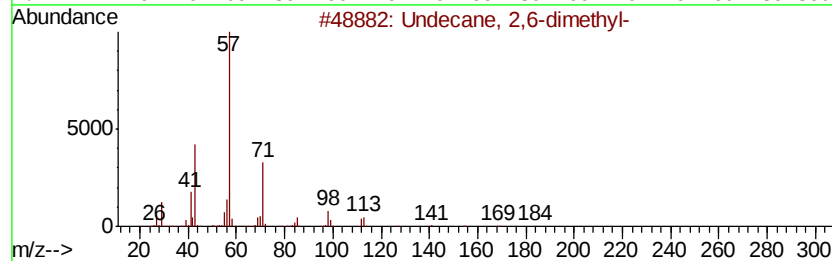
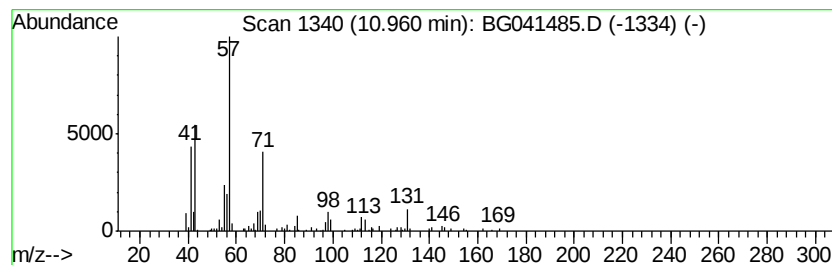
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Undecane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.96	20.34 ng	188774	Naphthalene-d8	10.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	80
2	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	50
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	47
4	2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	47
5	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041485.D
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ClientSampleId :
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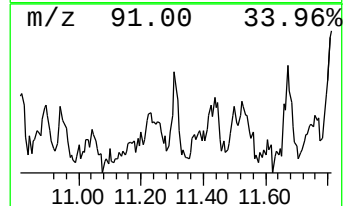
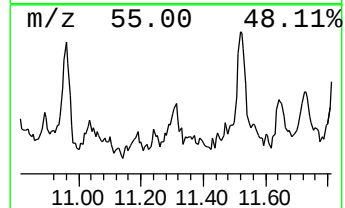
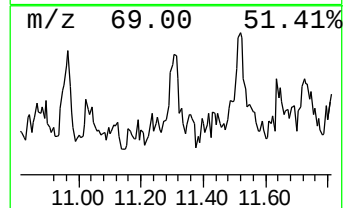
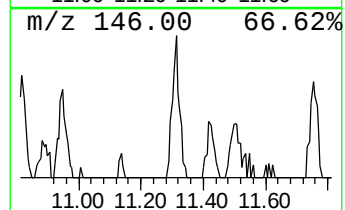
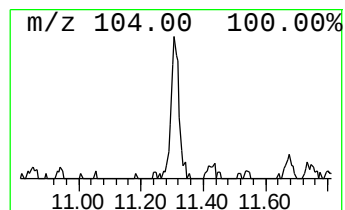
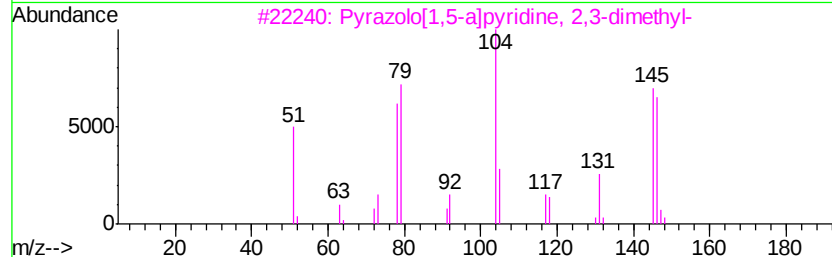
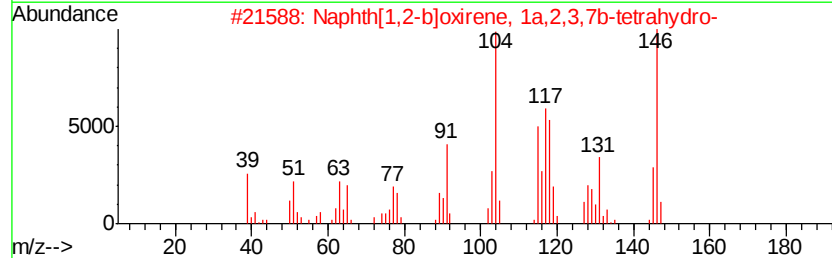
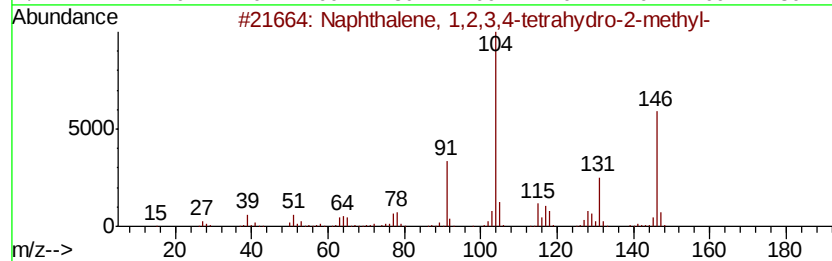
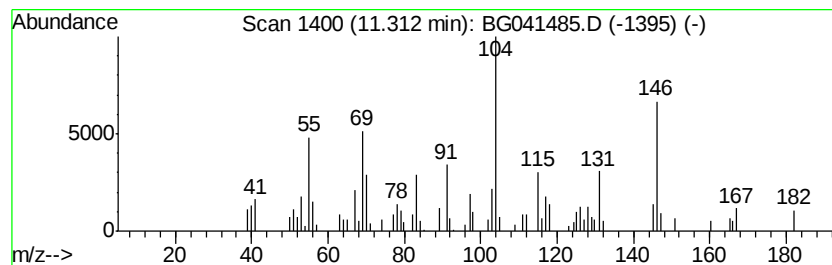
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,2,3,4-tetra... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	7.03 ng	65239	Naphthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	70
2		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	52
3		Pyrazolo[1,5-a]pyridine, 2,3-dim...	146	C9H10N2	028537-56-6	52
4		2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	47
5		2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041485.D
Acq On : 27 Jun 2019 11:12
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ALS Vial : 7 Sample Multiplier: 1

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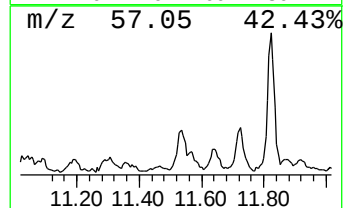
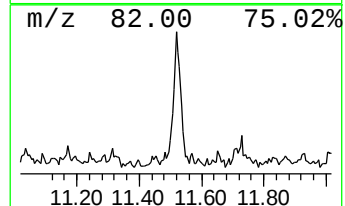
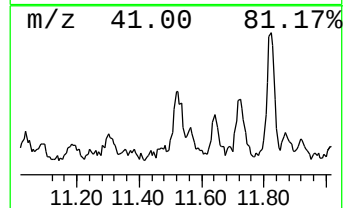
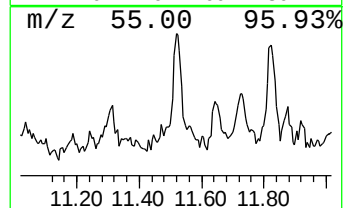
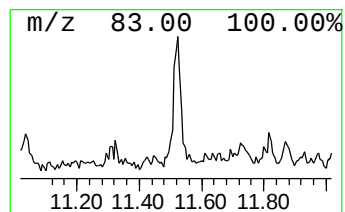
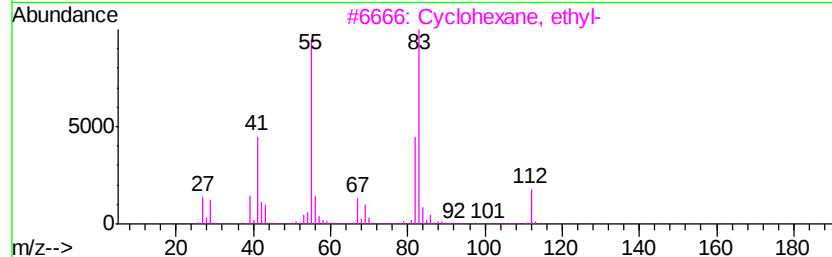
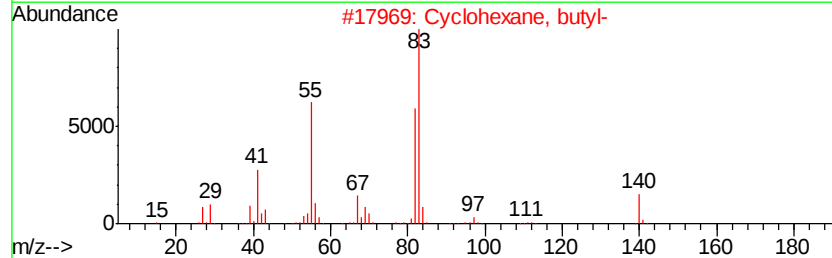
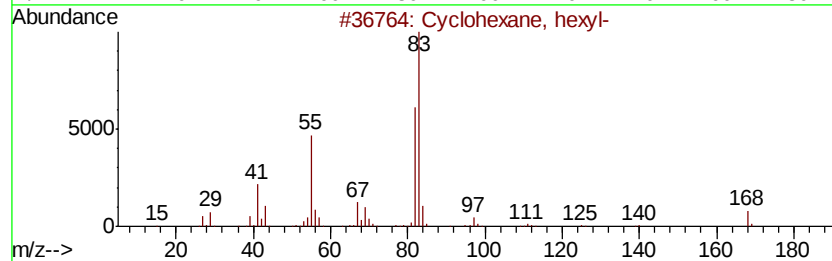
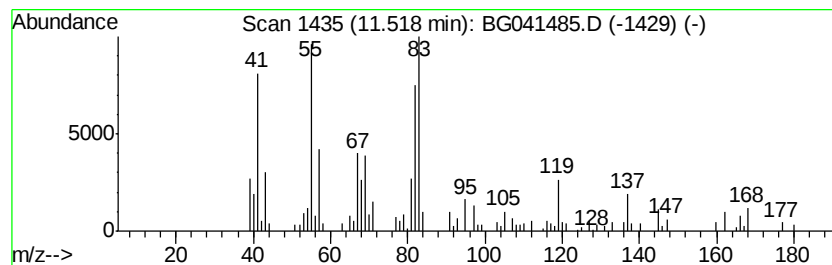
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclohexane, hexyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	13.24 ng	122856	Naphthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	50
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	49
3		Cyclohexane, ethyl-	112	C8H16	001678-91-7	49
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	47
5		Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041485.D
Acq On : 27 Jun 2019 11:12
Operator : HP/JU
Sample : K3511-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-1

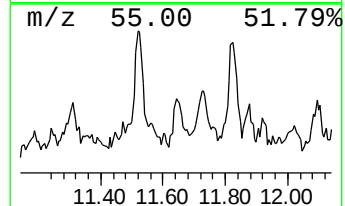
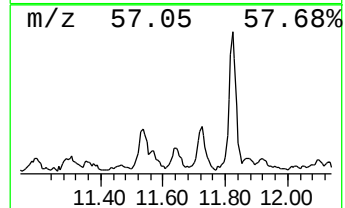
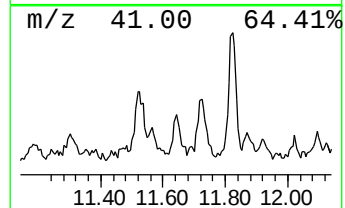
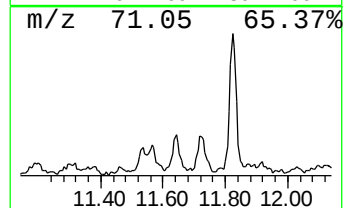
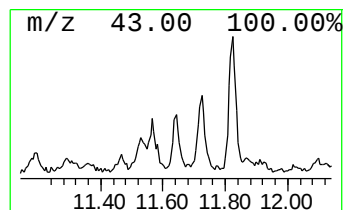
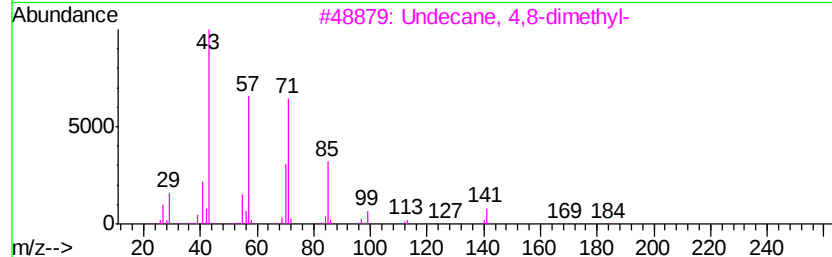
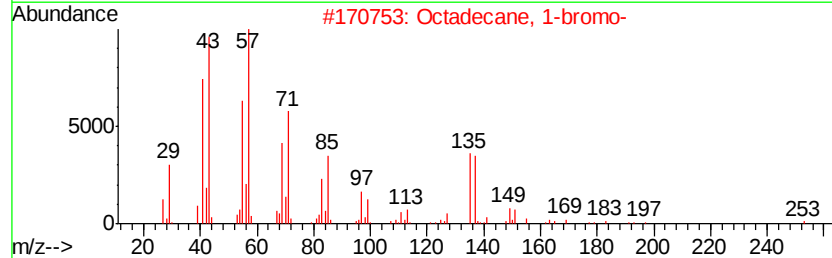
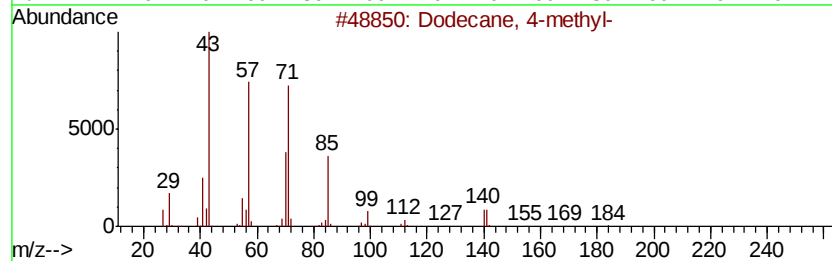
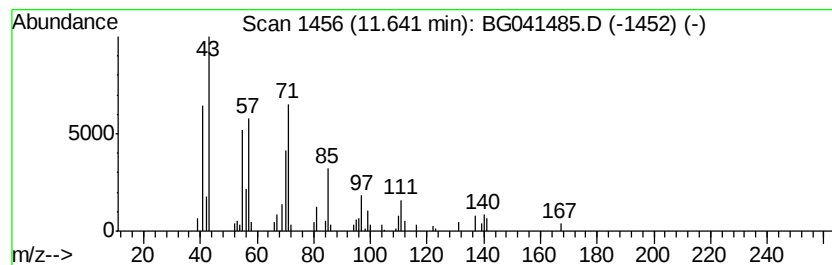
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	7.29 ng	67627	Naphthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
2		Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	53
3		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	47
4		Hexanoic acid, 1,1-dimethylpropyl-	186	C11H22O2	116423-69-9	43
5		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041485.D
Acq On : 27 Jun 2019 11:12
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMP-1

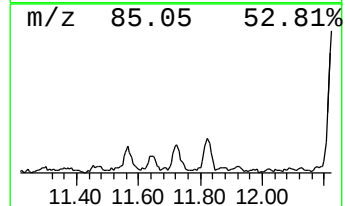
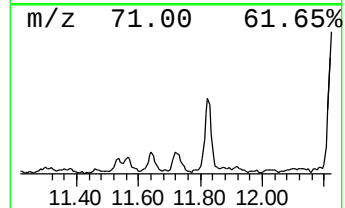
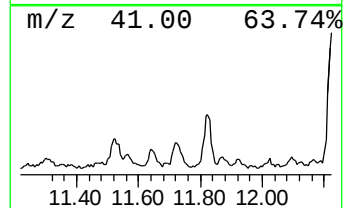
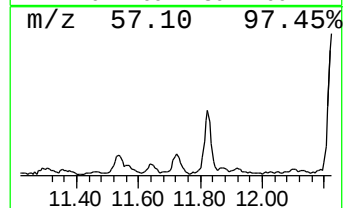
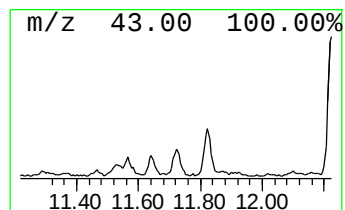
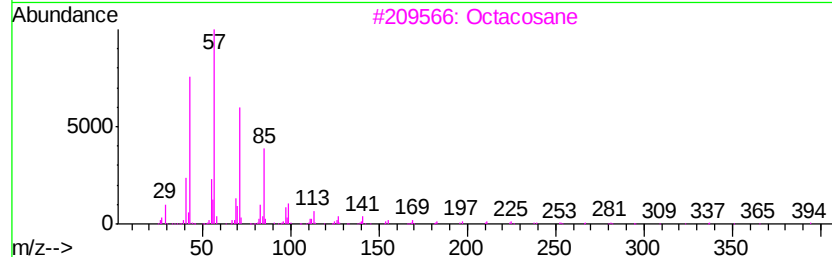
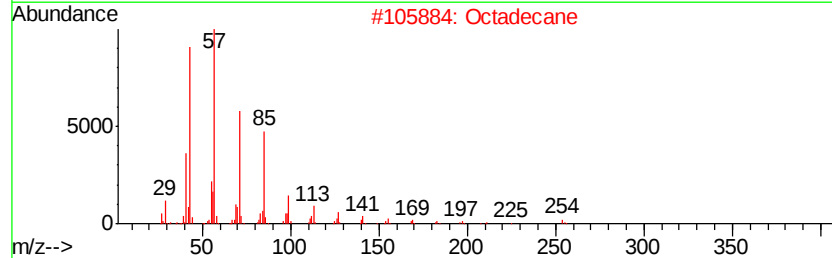
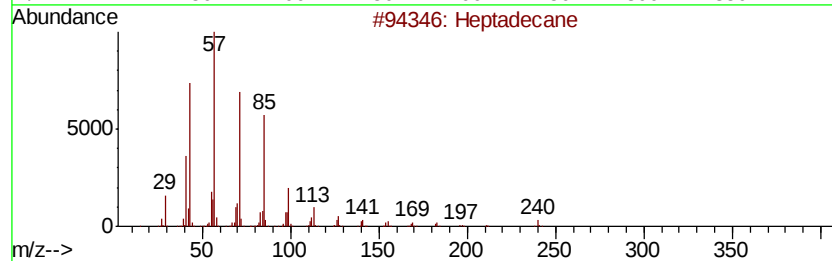
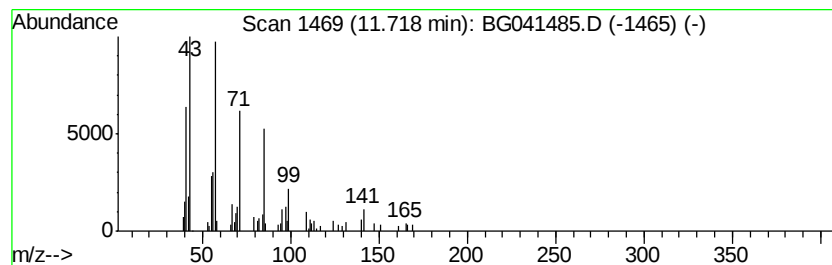
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	10.55 ng	97912	Naphthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	72
2		Octadecane	254	C18H38	000593-45-3	64
3		Octacosane	394	C28H58	000630-02-4	59
4		Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	59
5		Pentadecane	212	C15H32	000629-62-9	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
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 Sample : K3511-01 2X
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 ALS Vial : 7 Sample Multiplier: 1

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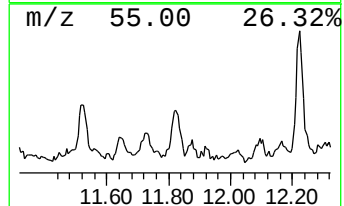
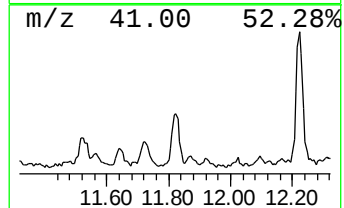
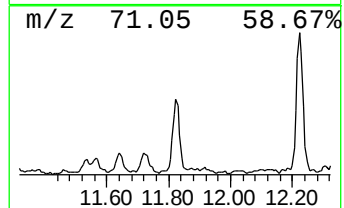
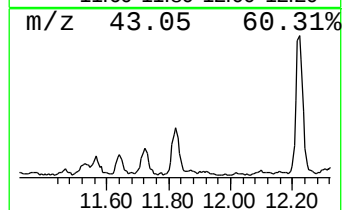
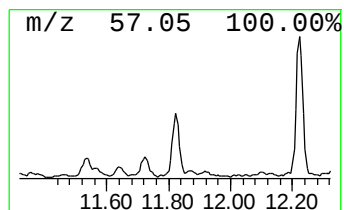
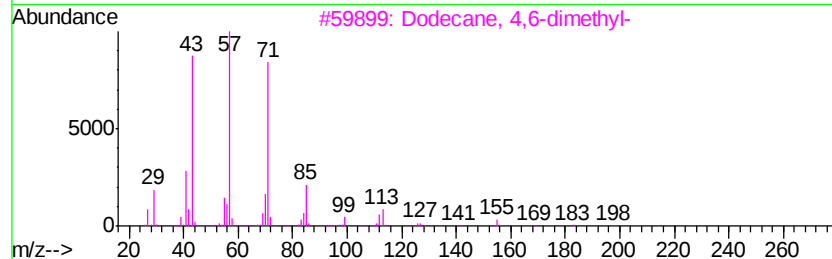
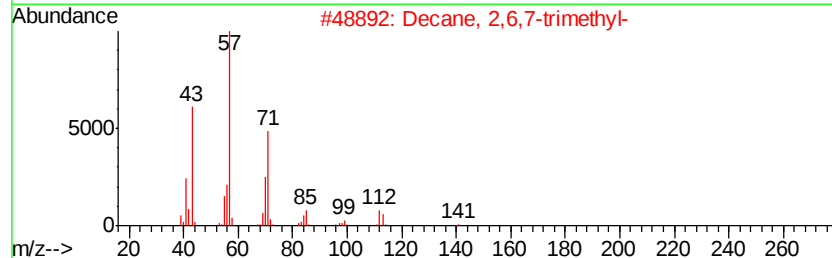
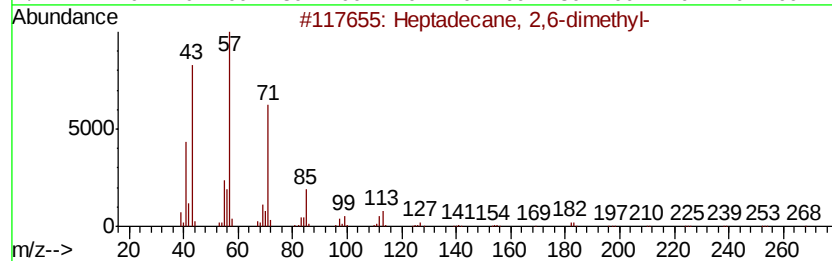
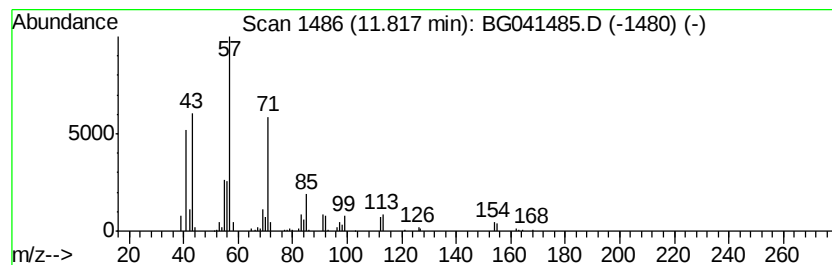
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 14 Heptadecane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	17.18 ng	159449	Naphthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	87
2		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	72
3		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5		Undecane, 6-ethyl-	184	C13H28	017312-60-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041485.D
Acq On : 27 Jun 2019 11:12
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ClientSampleId :
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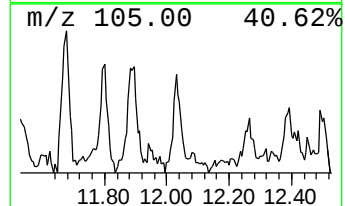
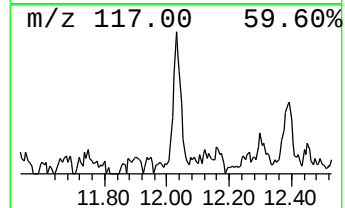
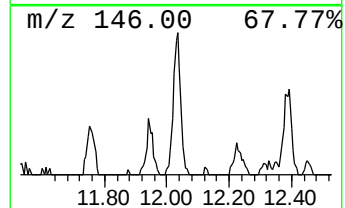
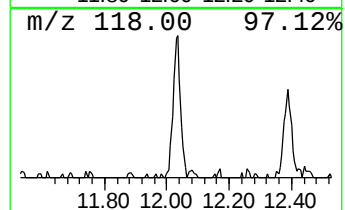
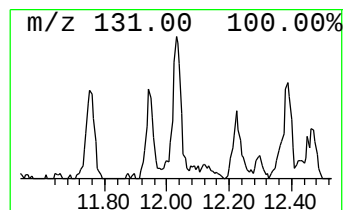
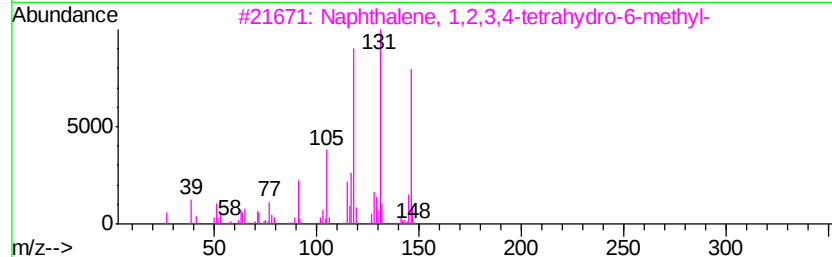
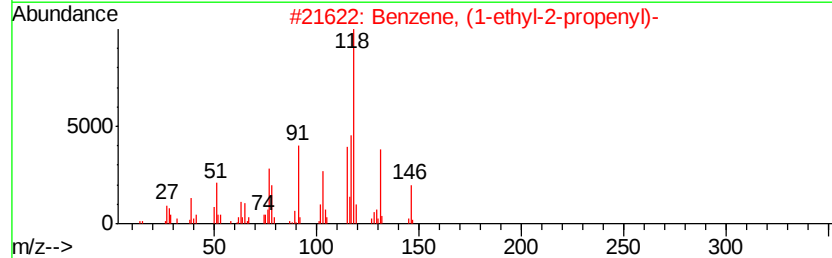
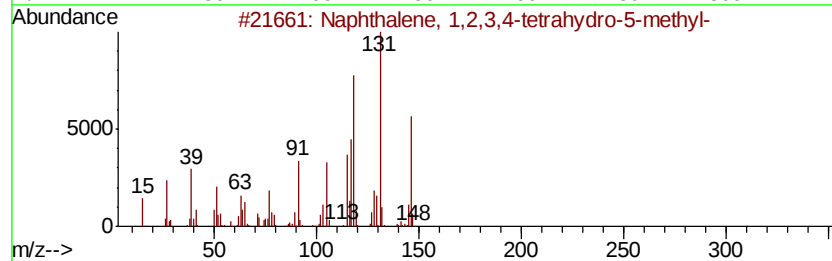
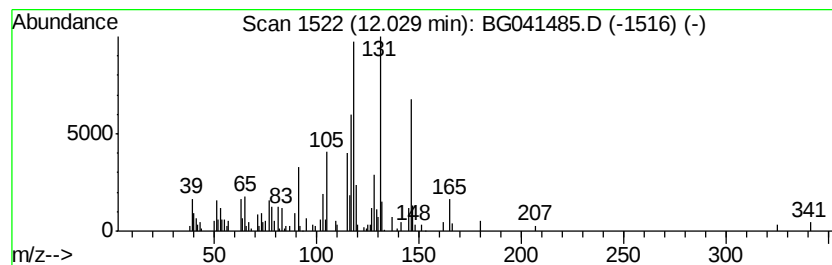
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	11.67 ng	108278	Naphthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
2		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	80
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	70
4		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	55
5		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041485.D
Acq On : 27 Jun 2019 11:12
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Sample : K3511-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMP-1

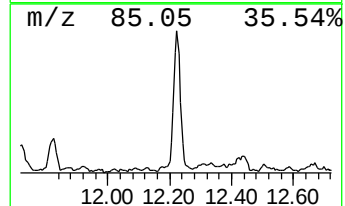
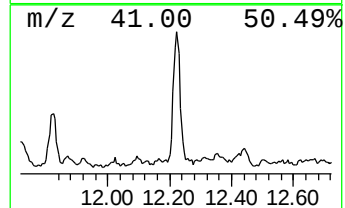
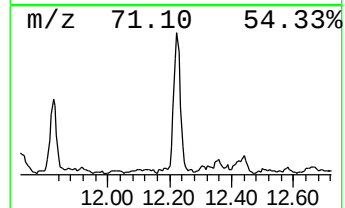
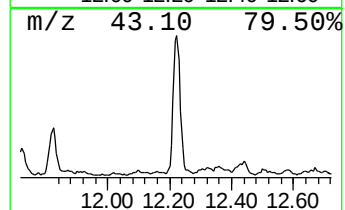
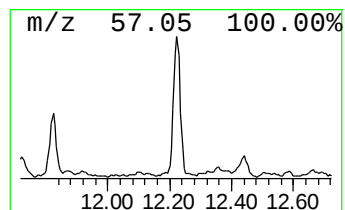
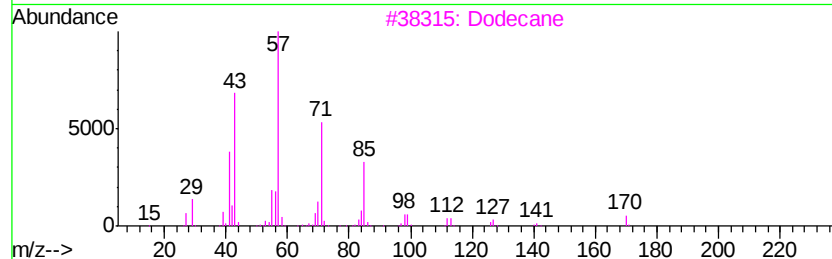
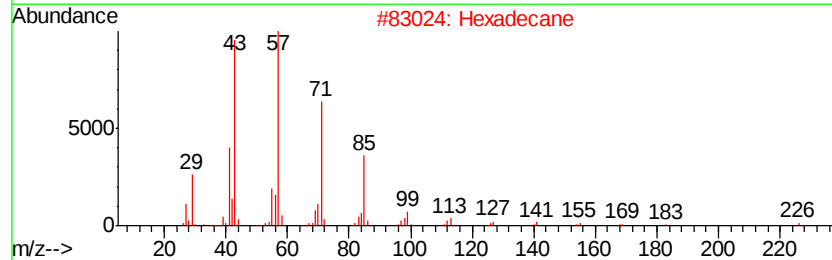
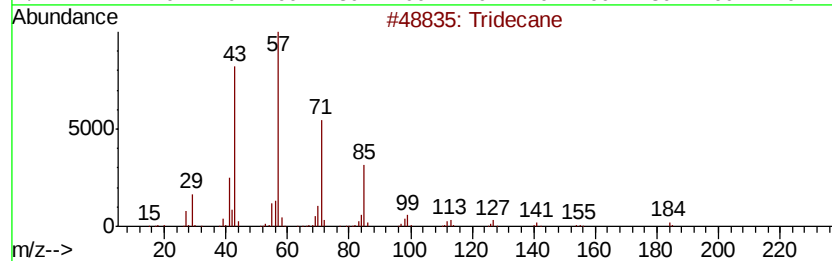
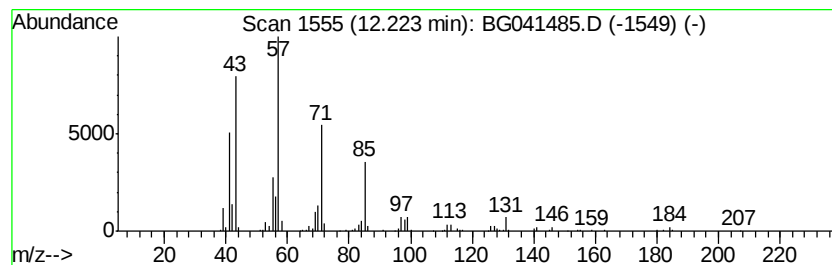
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	40.18 ng	372881	Naphthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	95
2		Hexadecane	226	C16H34	000544-76-3	83
3		Dodecane	170	C12H26	000112-40-3	80
4		Nonadecane	268	C19H40	000629-92-5	80
5		Octacosane	394	C28H58	000630-02-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041485.D
Acq On : 27 Jun 2019 11:12
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMP-1

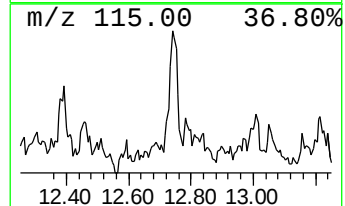
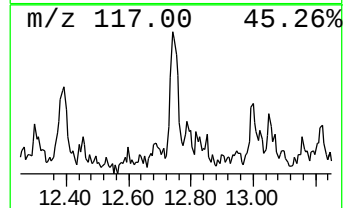
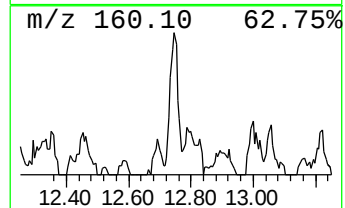
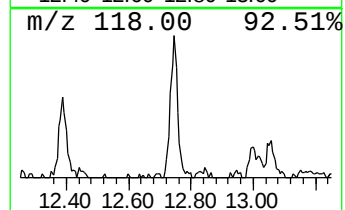
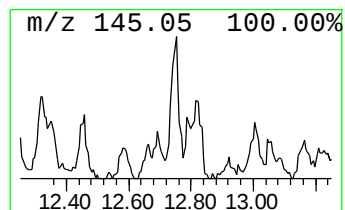
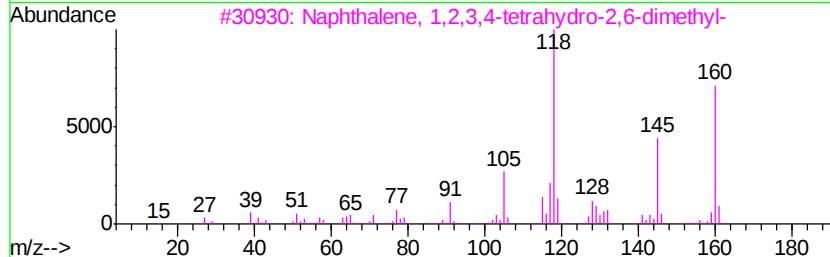
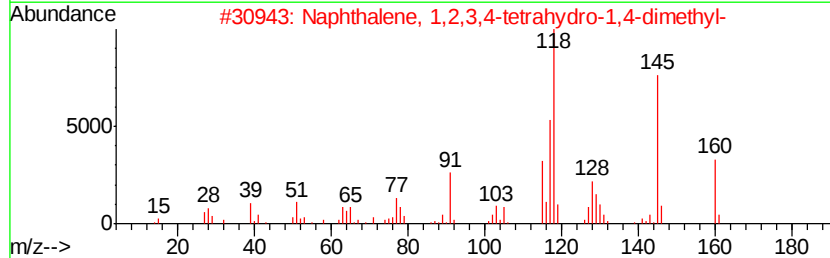
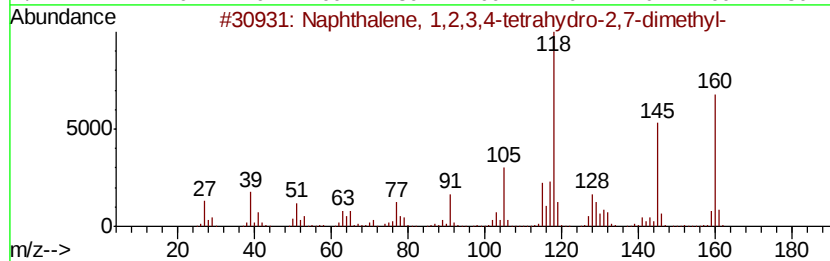
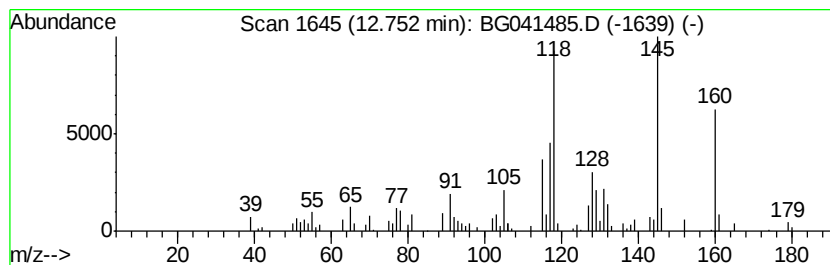
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,2,3,4-tetra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	7.65 ng	70980	Naphthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	93
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	87
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	87
4		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	70
5		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041485.D
Acq On : 27 Jun 2019 11:12
Operator : HP/JU
Sample : K3511-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

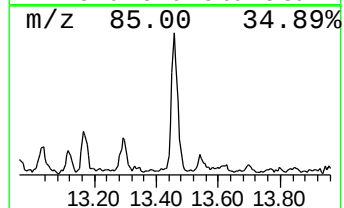
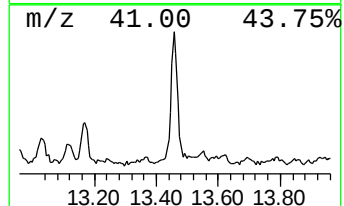
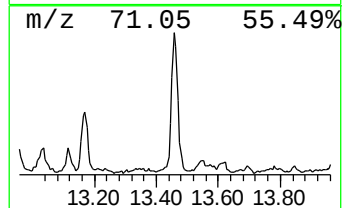
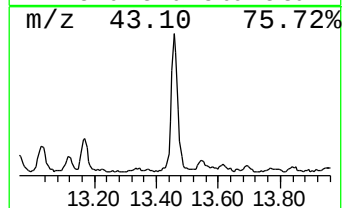
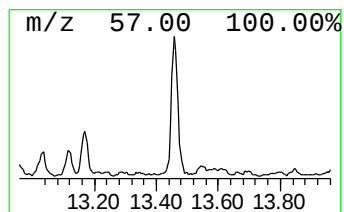
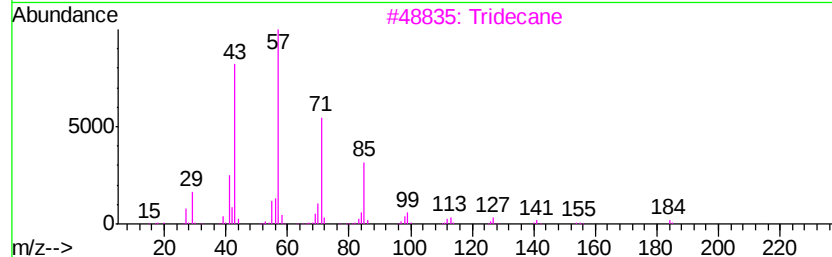
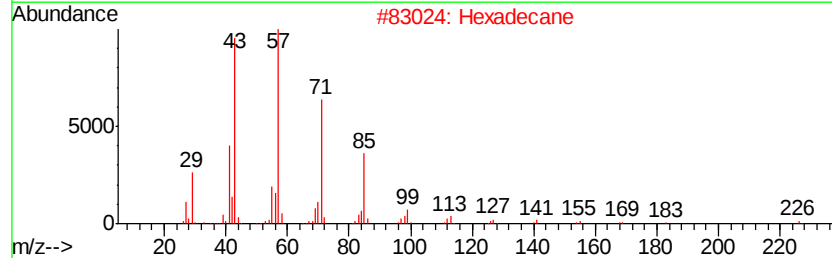
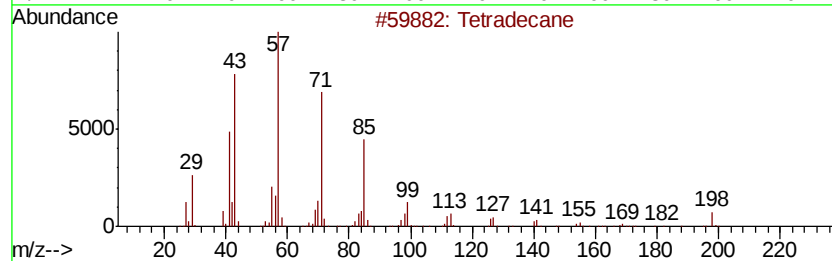
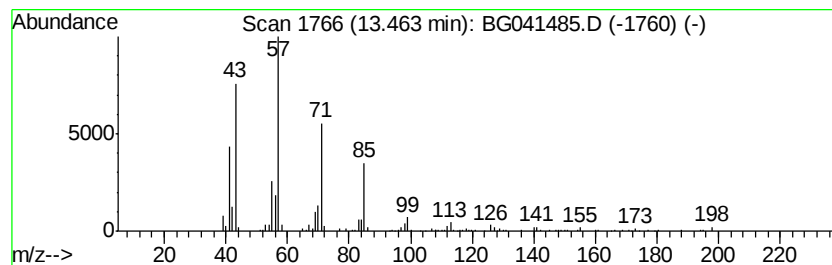
Instrument :
BNA_G
ClientSampleId :
COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	16.50 ng	294506	Acenaphthene-d10	14.67
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 97
2		Hexadecane	226 C16H34	000544-76-3 91
3		Tridecane	184 C13H28	000629-50-5 90
4		Tridecane, 1-iodo-	310 C13H27I	035599-77-0 80
5		Sulfurous acid, 2-ethylhexyl iso...	278 C14H30O3S	1000309-19-0 72



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041485.D
Acq On : 27 Jun 2019 11:12
Operator : HP/JU
Sample : K3511-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-1

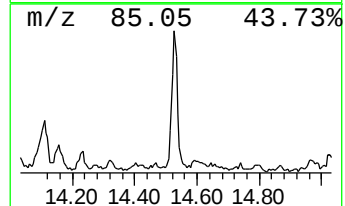
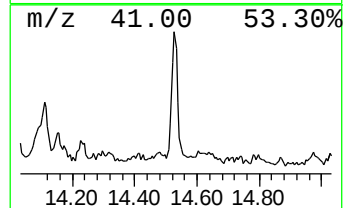
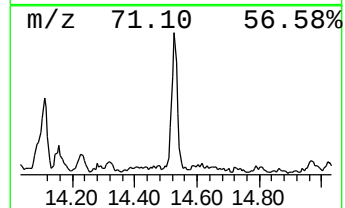
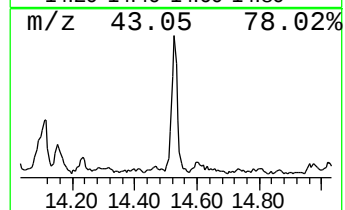
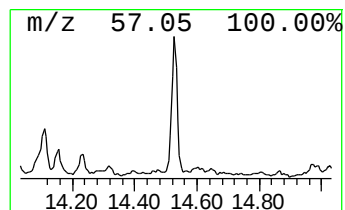
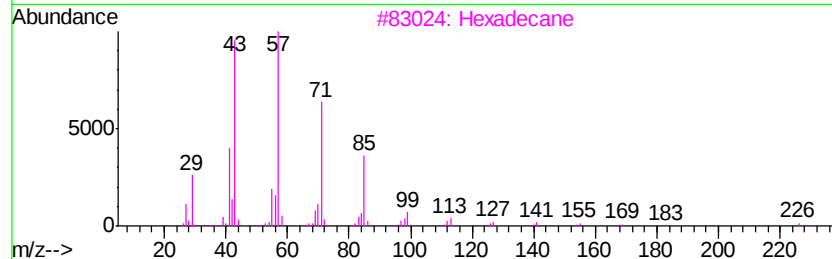
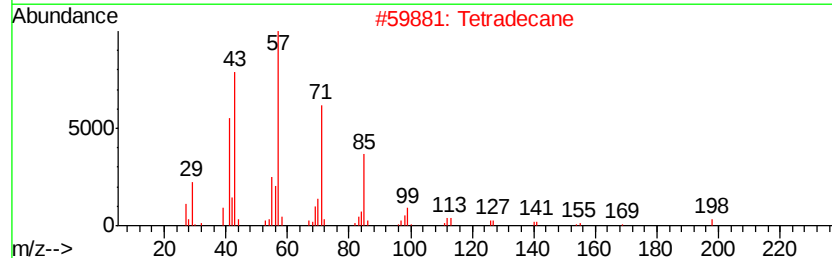
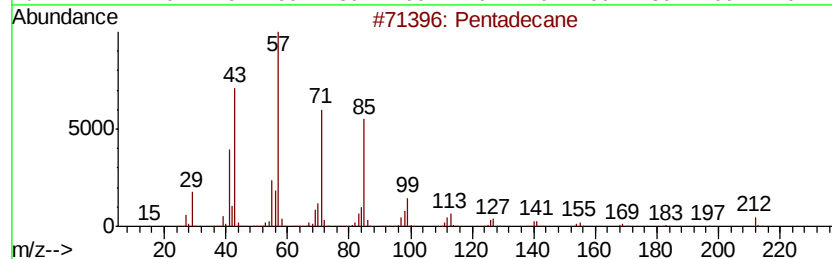
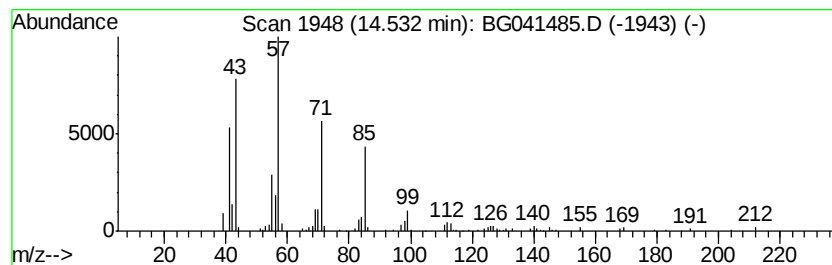
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	10.87 ng	194057	Acenaphthene-d10	14.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	93
2		Tetradecane	198	C14H30	000629-59-4	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		Tridecane	184	C13H28	000629-50-5	90
5		Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041485.D
Acq On : 27 Jun 2019 11:12
Operator : HP/JU
Sample : K3511-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-1

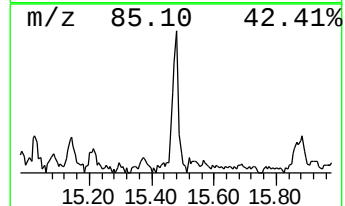
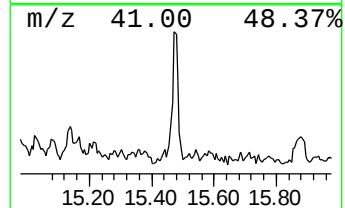
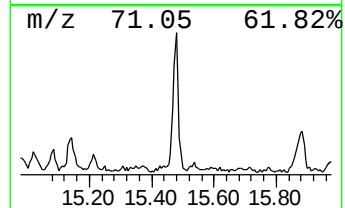
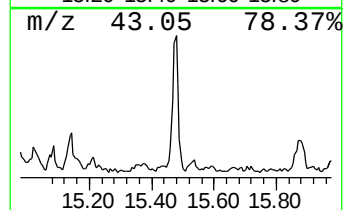
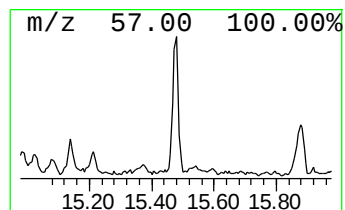
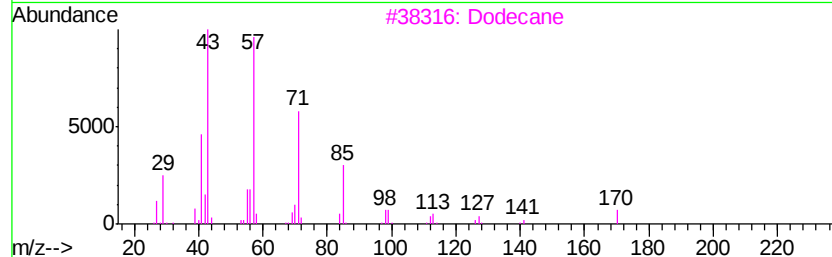
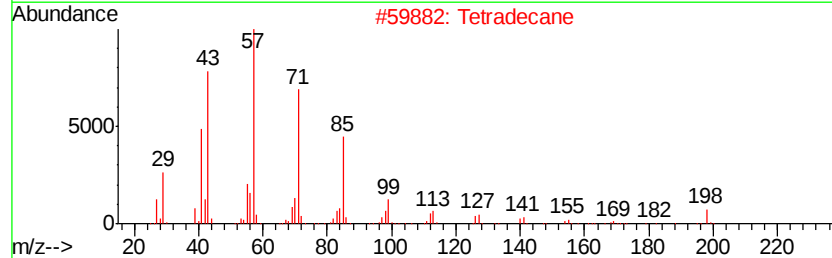
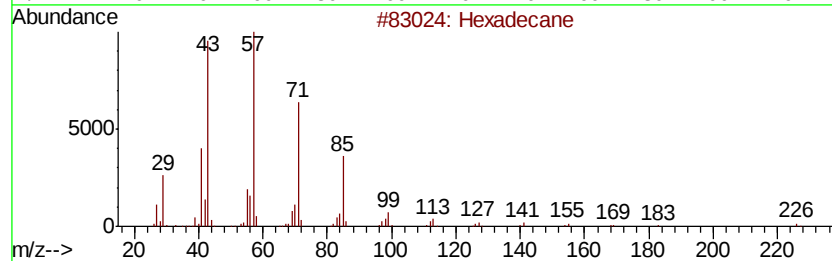
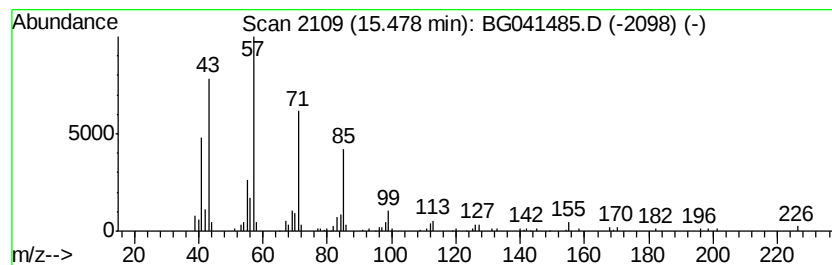
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	6.81 ng	121553	Acenaphthene-d10	14.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Tetradecane	198	C14H30	000629-59-4	93
3			Dodecane	170	C12H26	000112-40-3	90
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5			Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062719\
Data File : BG041485.D
Acq On : 27 Jun 2019 11:12
Operator : HP/JU
Sample : K3511-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.56	7.56	36.4	ng	387636	1	8.03	212915	20.0
Decane	7.60	10.5	ng	112020	1	8.03	212915	20.0
unknown8.57	8.57	6.8	ng	72527	1	8.03	212915	20.0
unknown8.65	8.65	7.6	ng	80886	1	8.03	212915	20.0
trans-Decalin, 2-...	9.74	8.3	ng	76864	2	10.85	185595	20.0
unknown10.23	10.23	13.9	ng	128582	2	10.85	185595	20.0
Dodecane	10.78	36.2	ng	335779	2	10.85	185595	20.0
Undecane, 2,6-dim...	10.96	20.3	ng	188774	2	10.85	185595	20.0
Naphthalene, 1,2,...	11.31	7.0	ng	65239	2	10.85	185595	20.0
Cyclohexane, hexyl-	11.52	13.2	ng	122856	2	10.85	185595	20.0
Dodecane, 4-methyl-	11.64	7.3	ng	67627	2	10.85	185595	20.0
Heptadecane	11.72	10.6	ng	97912	2	10.85	185595	20.0
Heptadecane, 2,6-...	11.82	17.2	ng	159449	2	10.85	185595	20.0
Naphthalene, 1,2,...	12.03	11.7	ng	108278	2	10.85	185595	20.0
Tridecane	12.22	40.2	ng	372881	2	10.85	185595	20.0
Naphthalene, 1,2,...	12.75	7.7	ng	70980	2	10.85	185595	20.0
Tetradecane	13.46	16.5	ng	294506	3	14.67	356988	20.0
Pentadecane	14.53	10.9	ng	194057	3	14.67	356988	20.0
Hexadecane	15.48	6.8	ng	121553	3	14.67	356988	20.0