

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
 Data File : BG041438.D
 Acq On : 25 Jun 2019 1:40
 Operator : HP/JU
 Sample : K3499-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-6(17-18)

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-BG061719.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	3.893	132	137	144	rVB2	67020	106000	6.58%	0.297%
2	3.987	148	153	160	rBV2	96903	178286	11.07%	0.500%
3	4.057	160	165	171	rVV2	81318	130474	8.10%	0.366%
4	4.151	171	181	190	rVB5	72852	203800	12.65%	0.572%
5	4.245	191	197	204	rVB	110403	172399	10.70%	0.483%
6	4.709	269	276	280	rBV2	70774	114068	7.08%	0.320%
7	4.797	287	291	300	rVB	122015	183466	11.39%	0.515%
8	4.903	300	309	316	rBV	142701	273347	16.97%	0.767%
9	5.003	321	326	333	rVB	290643	483999	30.05%	1.357%
10	5.068	333	337	345	rBV5	54905	125820	7.81%	0.353%
11	5.179	349	356	361	rBV2	181900	321540	19.96%	0.902%
12	5.332	378	382	385	rVV	112472	159650	9.91%	0.448%
13	5.373	385	389	393	rVV2	146323	222512	13.82%	0.624%
14	5.426	393	398	407	rVB	312862	538122	33.41%	1.509%
15	5.532	407	416	418	rBV2	135191	231974	14.40%	0.651%
16	5.579	418	424	431	rVB2	326006	656040	40.73%	1.840%
17	5.655	431	437	450	rVB5	80404	236702	14.70%	0.664%
18	5.755	450	454	457	rBV	74900	111512	6.92%	0.313%
19	5.796	457	461	466	rVB2	78848	134511	8.35%	0.377%
20	5.861	466	472	477	rBV3	102055	194029	12.05%	0.544%
21	5.949	483	487	495	rBV2	118061	247787	15.39%	0.695%
22	6.014	495	498	505	rVB	100559	176288	10.95%	0.494%
23	6.161	518	523	533	rBV5	66524	169855	10.55%	0.476%
24	6.260	533	540	548	rBV4	286704	699045	43.40%	1.960%
25	6.378	553	560	569	rVB	293038	585491	36.35%	1.642%
26	6.472	569	576	584	rBV3	237425	501656	31.15%	1.407%
27	6.548	584	589	594	rVV	357838	516089	32.04%	1.447%
28	6.636	599	604	612	rVB4	268150	623700	38.73%	1.749%
29	6.825	630	636	639	rBV5	68030	115419	7.17%	0.324%
30	6.872	639	644	653	rBV4	229350	533836	33.15%	1.497%
31	6.948	653	657	659	rBV	83156	108162	6.72%	0.303%
32	6.989	659	664	670	rVB	530971	820718	50.96%	2.302%
33	7.095	677	682	687	rBV4	164023	299992	18.63%	0.841%
34	7.159	687	693	696	rBV4	204754	400535	24.87%	1.123%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.201	696	700	713	rVB2	425818	913135	56.70%	2.561%
36	7.330	713	722	729	rBV3	139689	311976	19.37%	0.875%
37	7.494	747	750	755	rBV4	88205	159999	9.93%	0.449%
38	7.571	758	763	770	rVB2	404355	741887	46.06%	2.081%
39	7.676	778	781	788	rVB2	70004	139215	8.64%	0.390%
40	7.800	796	802	804	rBV3	84071	157113	9.76%	0.441%
41	7.829	804	807	812	rVB2	96306	140452	8.72%	0.394%
42	7.917	812	822	827	rBV3	175922	469027	29.12%	1.315%
43	7.982	828	833	839	rVB	413857	665276	41.31%	1.866%
44	8.070	839	848	855	rVB4	214489	648653	40.28%	1.819%
45	8.141	855	860	864	rBV4	88911	176078	10.93%	0.494%
46	8.194	864	869	873	rBV	240324	342879	21.29%	0.962%
47	8.258	873	880	884	rVB2	131544	328534	20.40%	0.921%
48	8.370	893	899	904	rVB3	349037	605008	37.57%	1.697%
49	8.434	904	910	914	rBV2	95201	180153	11.19%	0.505%
50	8.534	920	927	933	rBV4	250935	554358	34.42%	1.555%
51	8.593	933	937	943	rVB3	176658	324264	20.13%	0.909%
52	8.675	944	951	959	rBV3	239809	537489	33.37%	1.507%
53	8.769	961	967	978	rVB4	103405	252589	15.68%	0.708%
54	8.875	979	985	989	rBV4	121339	274584	17.05%	0.770%
55	9.040	1009	1013	1018	rVB3	77739	113114	7.02%	0.317%
56	9.134	1024	1029	1035	rVV3	176464	347981	21.61%	0.976%
57	9.228	1038	1045	1058	rVB	351940	809552	50.27%	2.270%
58	9.374	1058	1070	1077	rBV9	130188	474081	29.44%	1.329%
59	9.492	1083	1090	1100	rVV5	174821	635382	39.45%	1.782%
60	9.586	1100	1106	1111	rVV2	150366	341381	21.20%	0.957%
61	9.662	1114	1119	1125	rVV3	187564	436139	27.08%	1.223%
62	9.727	1125	1130	1134	rVV3	133018	300958	18.69%	0.844%
63	9.774	1134	1138	1144	rVB2	168563	304807	18.93%	0.855%
64	9.892	1151	1158	1160	rBV	111807	209186	12.99%	0.587%
65	9.921	1160	1163	1172	rVB2	138207	269826	16.75%	0.757%
66	10.074	1185	1189	1190	rVV	122292	190304	11.82%	0.534%
67	10.091	1190	1192	1200	rVB4	165102	272300	16.91%	0.764%
68	10.156	1200	1203	1208	rVB	88704	125420	7.79%	0.352%
69	10.297	1223	1227	1232	rBV2	108517	191585	11.90%	0.537%
70	10.344	1232	1235	1239	rVB2	81742	105407	6.54%	0.296%
71	10.420	1239	1248	1253	rBV3	116018	267690	16.62%	0.751%

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72	10.544	1265	1269	1275	rVB3	87068	150873	9.37%	0.423%
73	10.873	1320	1325	1328	rBV2	129284	221826	13.77%	0.622%
74	10.973	1337	1342	1349	rVB2	383828	702290	43.61%	1.969%
75	11.049	1349	1355	1361	rBV6	138622	350155	21.74%	0.982%
76	11.108	1361	1365	1374	rVB8	108989	264296	16.41%	0.741%
77	11.213	1374	1383	1387	rBV4	115921	287310	17.84%	0.806%
78	11.266	1387	1392	1396	rBV3	100429	186978	11.61%	0.524%
79	11.448	1419	1423	1431	rBV3	206787	321716	19.98%	0.902%
80	11.543	1433	1439	1448	rVB8	241110	571089	35.46%	1.602%
81	11.778	1469	1479	1483	rBV4	175036	435110	27.02%	1.220%
82	11.836	1485	1489	1493	rVB	187070	272881	16.94%	0.765%
83	11.889	1493	1498	1503	rBV3	202112	406032	25.21%	1.139%
84	12.054	1520	1526	1528	rBV2	80912	138656	8.61%	0.389%
85	12.095	1529	1533	1538	rVV	189420	324833	20.17%	0.911%
86	12.259	1552	1561	1564	rBV3	112091	291445	18.10%	0.817%
87	12.430	1586	1590	1592	rBV3	103727	153226	9.51%	0.430%
88	12.518	1601	1605	1610	rVB2	85948	120896	7.51%	0.339%
89	12.594	1613	1618	1623	rBV6	77410	135582	8.42%	0.380%
90	13.176	1712	1717	1722	rBV4	149200	262714	16.31%	0.737%
91	13.305	1734	1739	1749	rVB	727746	1166242	72.41%	3.271%
92	14.128	1874	1879	1884	rVV2	151822	258813	16.07%	0.726%
93	14.686	1964	1974	1980	rVB2	268149	451341	28.02%	1.266%
94	16.178	2222	2228	2234	rVV	562211	867936	53.89%	2.434%
95	17.430	2435	2441	2452	rBV	354779	576993	35.83%	1.618%
96	20.027	2878	2883	2895	rVB	1217335	1610534	100.00%	4.517%
97	21.701	3161	3168	3177	rBV2	351237	633775	39.35%	1.777%
98	23.147	3408	3414	3421	rBV2	55202	105137	6.53%	0.295%
99	23.951	3544	3551	3560	rBV3	57130	116868	7.26%	0.328%
100	24.991	3719	3728	3739	rVB2	123269	378458	23.50%	1.061%

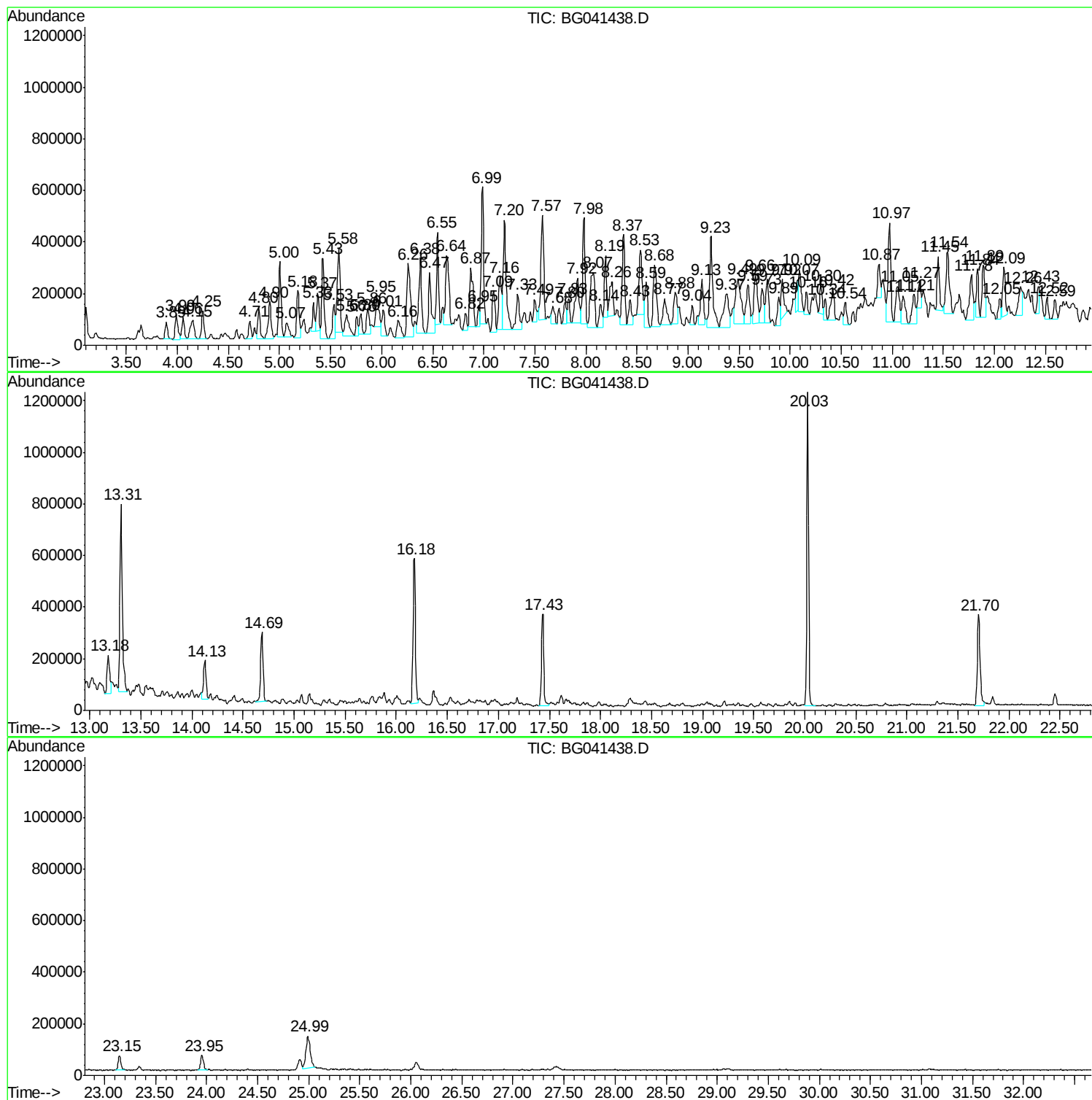
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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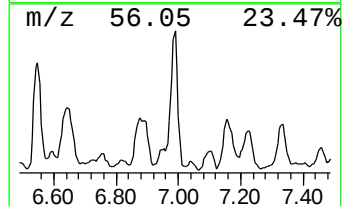
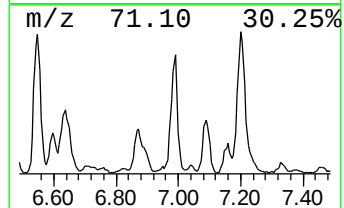
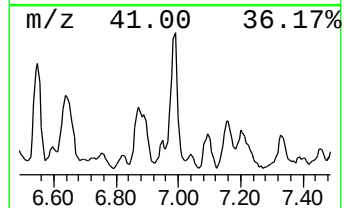
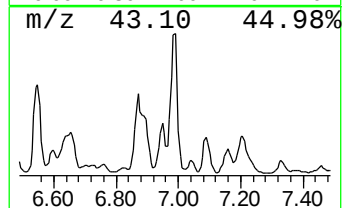
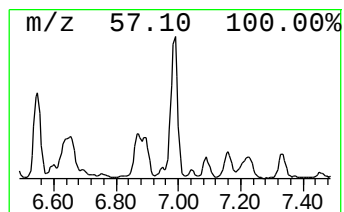
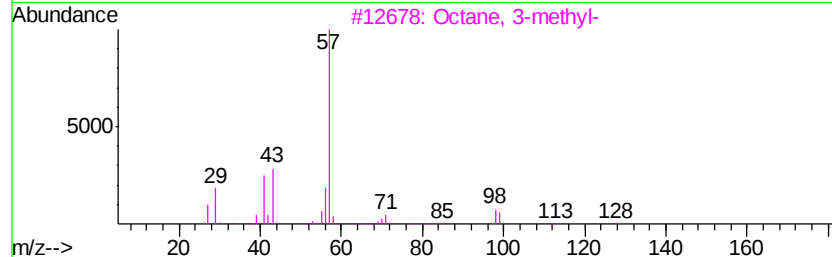
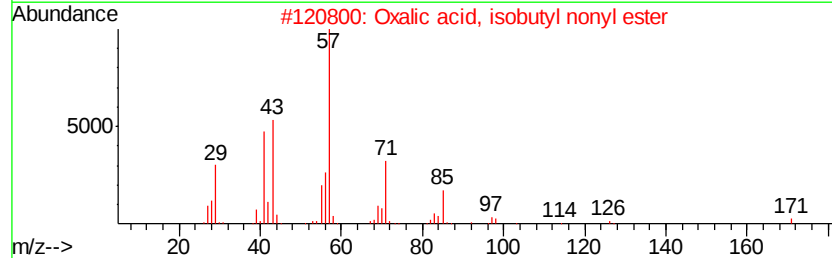
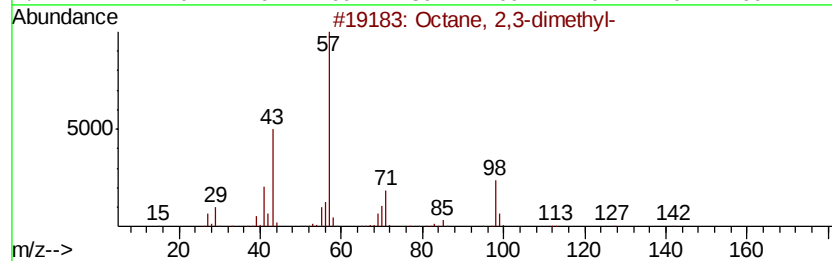
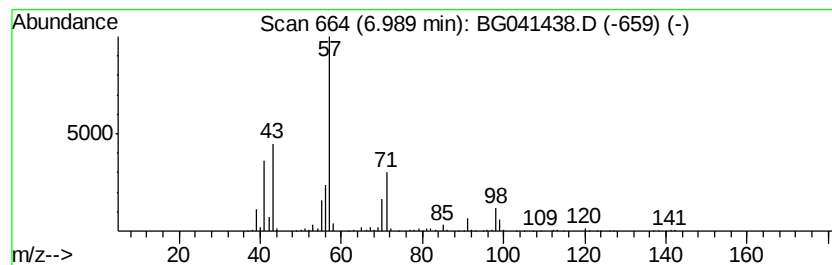
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Octane, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	25.31 ng	820718	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53
2		Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	53
3		Octane, 3-methyl-	128	C9H20	002216-33-3	50
4		Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	50
5		Carbonic acid, butyl heptyl ester	216	C12H24O3	1000314-63-4	50



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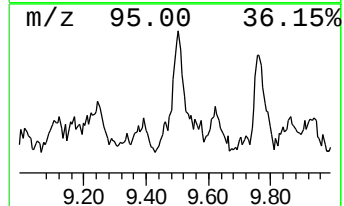
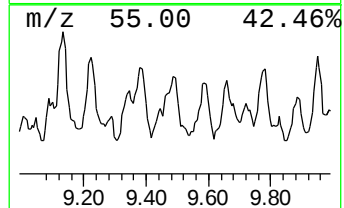
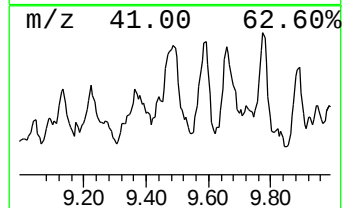
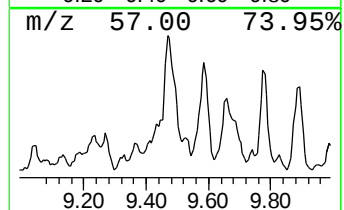
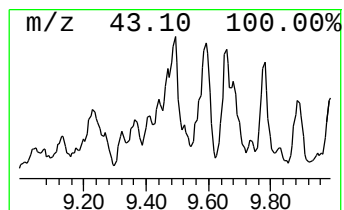
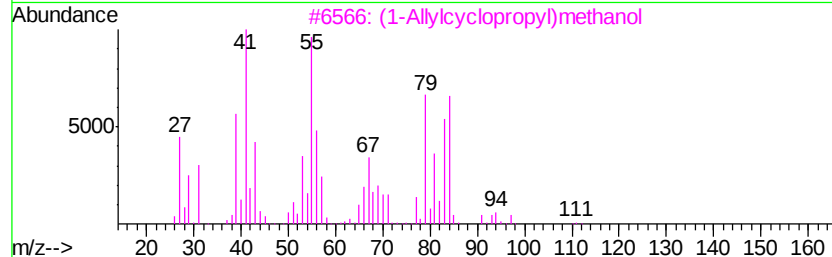
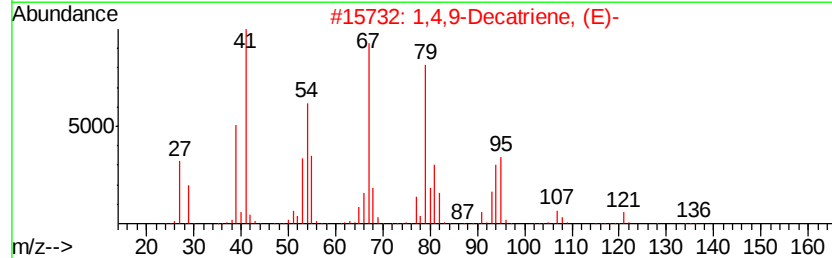
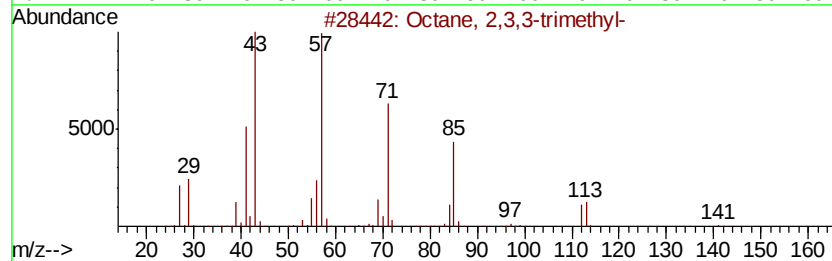
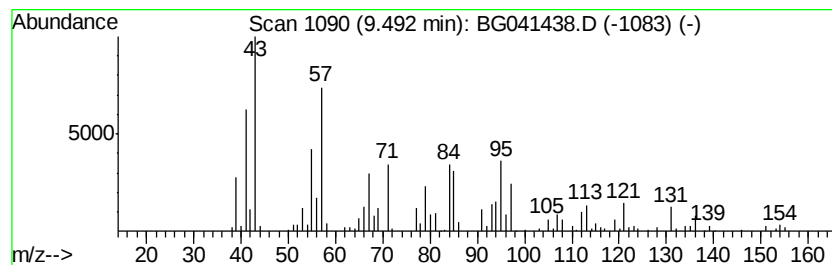
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown9.49 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	57.29 ng	635382	Naphthalene-d8	10.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	14
2		1,4,9-Decatriene, (E)-	136	C10H16	013393-60-7	14
3		(1-Allylcyclopropyl)methanol	112	C7H12O	1000191-16-2	14
4		2-Isopropyl-5-methylhex-2-enal	154	C10H18O	035158-25-9	14
5		Octane, 4-methyl-	128	C9H20	002216-34-4	11



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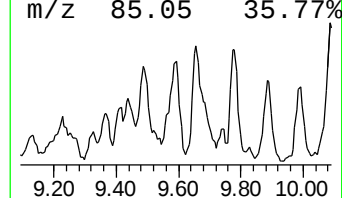
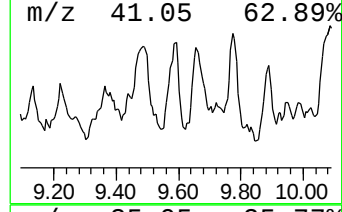
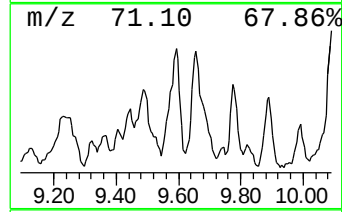
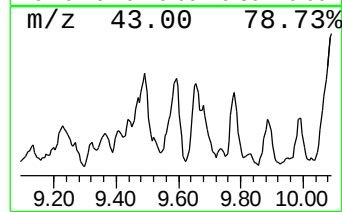
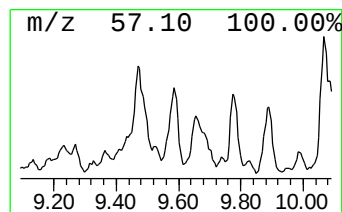
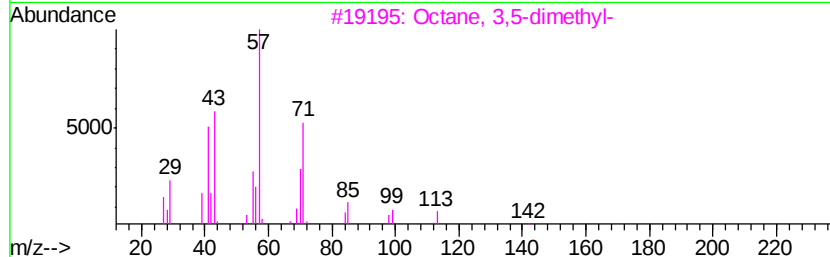
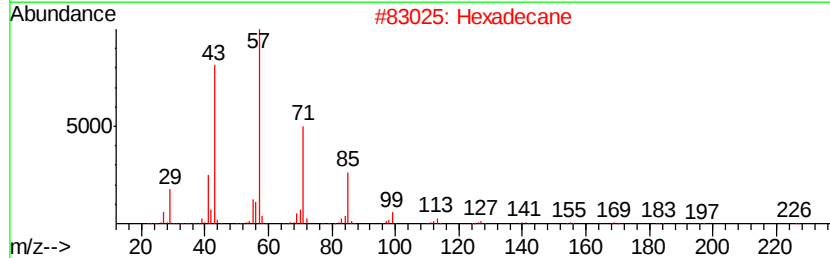
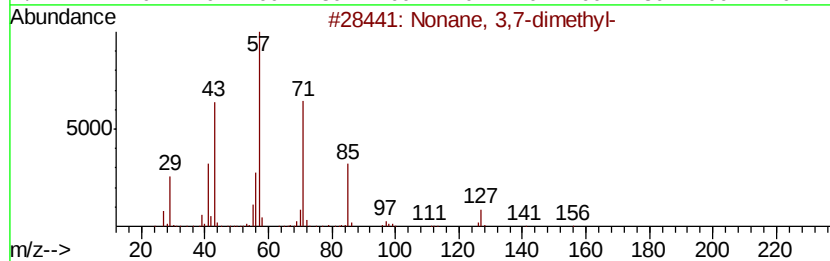
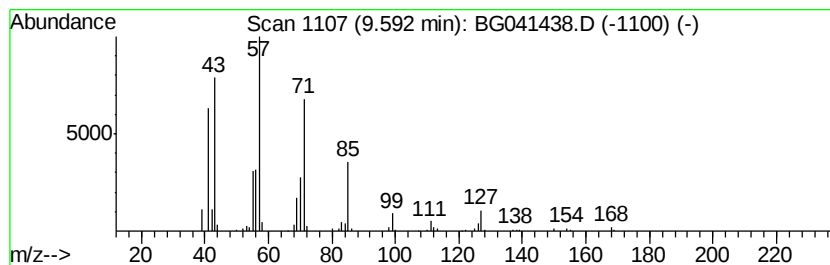
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Nonane, 3,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	30.78 ng	341381	Naphthalene-d8	10.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59
2		Hexadecane	226	C16H34	000544-76-3	58
3		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	50
4		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	50
5		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041438.D
Acq On : 25 Jun 2019 1:40
Operator : HP/JU
Sample : K3499-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampled :
B-6(17-18)

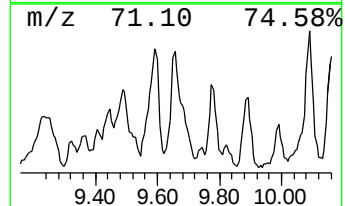
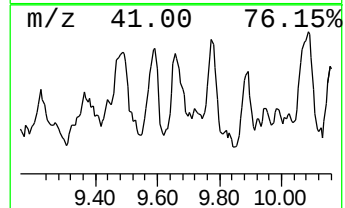
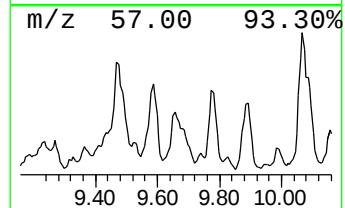
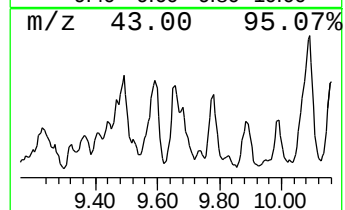
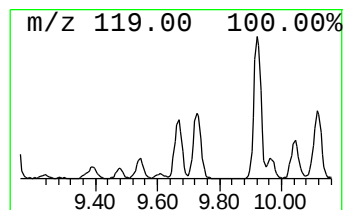
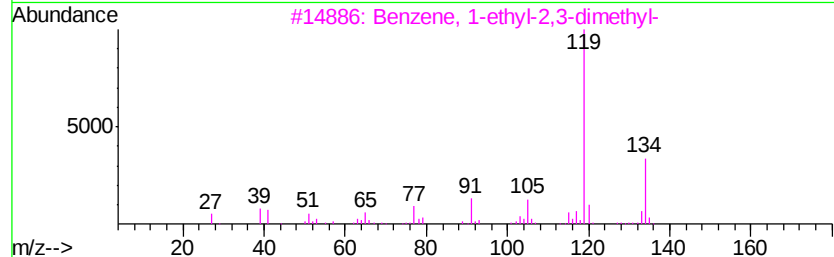
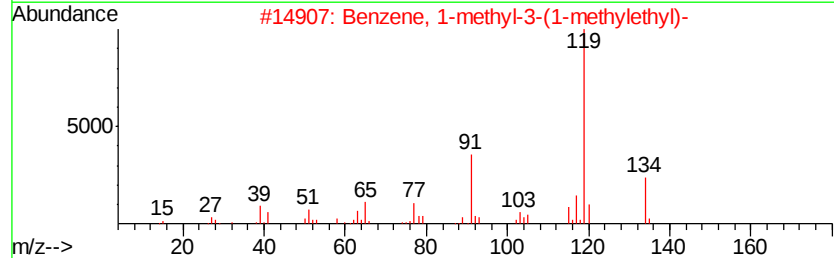
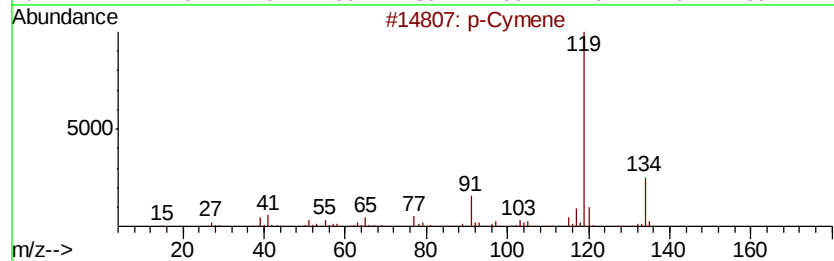
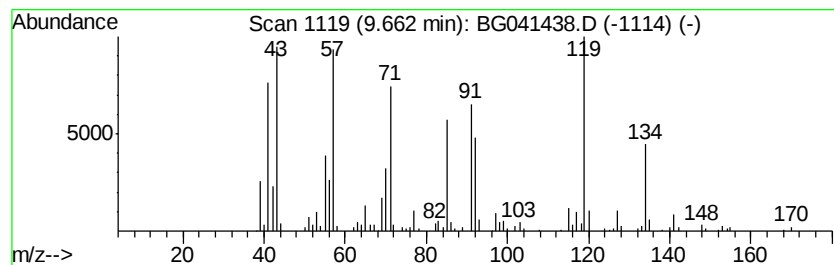
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown9.66 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	39.32 ng	436139	Naphthalene-d8	10.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	46
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	42
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	42
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	42
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
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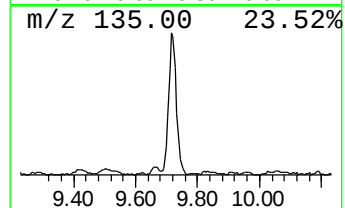
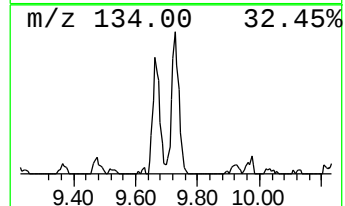
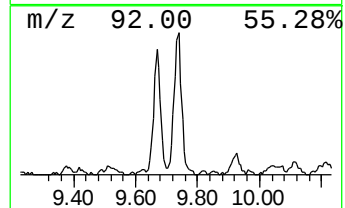
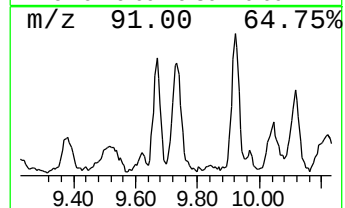
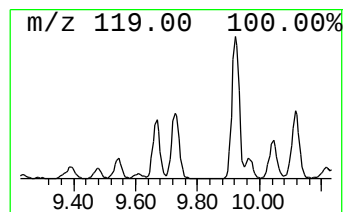
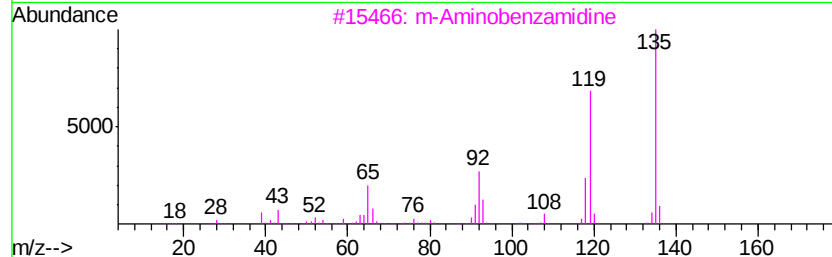
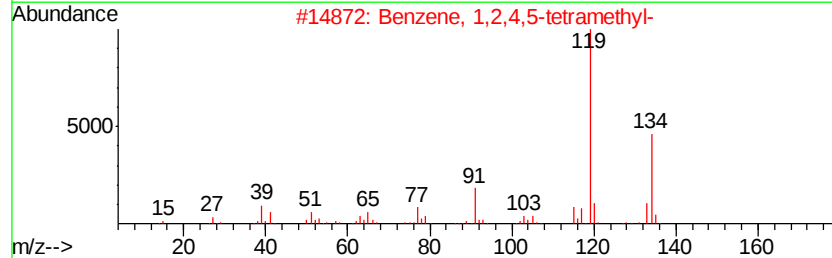
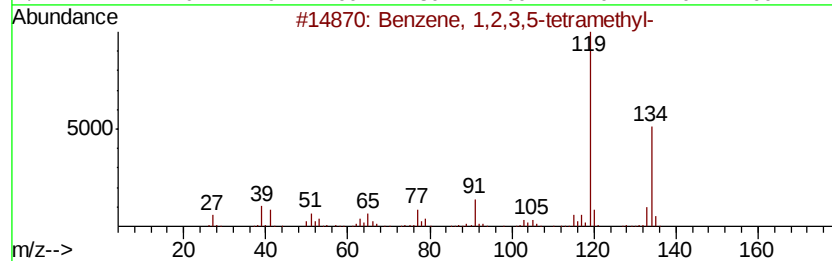
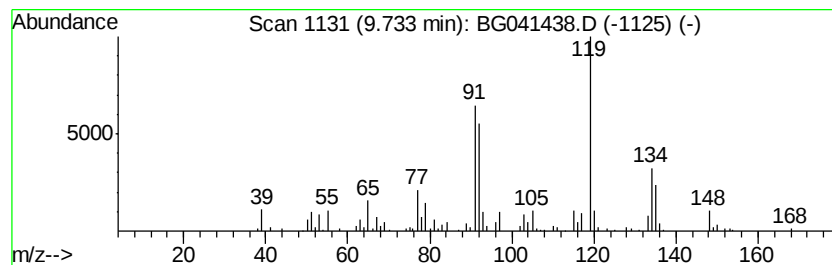
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	27.13 ng	300958	Naphthalene-d8	10.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
3		m-Aminobenzamidine	135	C7H9N3	003459-66-3	62
4		Benzene, tert-butyl-	134	C10H14	000098-06-6	55
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041438.D
Acq On : 25 Jun 2019 1:40
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ClientSampleId :
B-6(17-18)

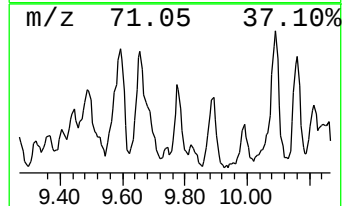
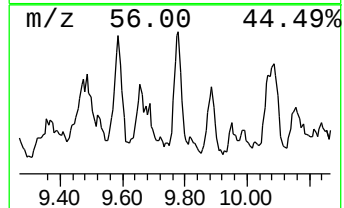
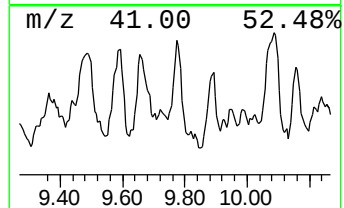
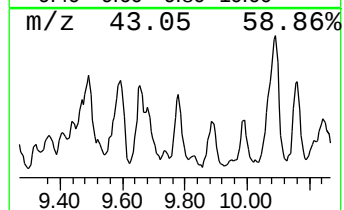
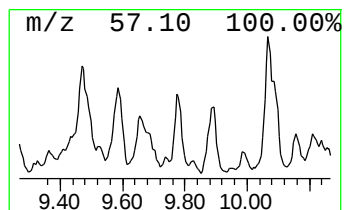
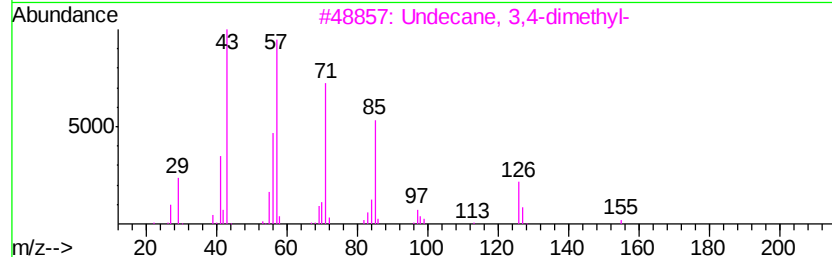
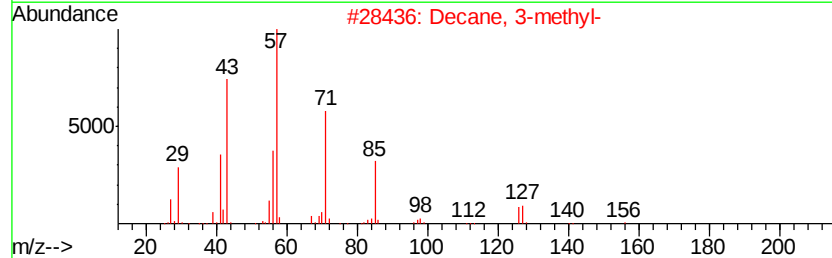
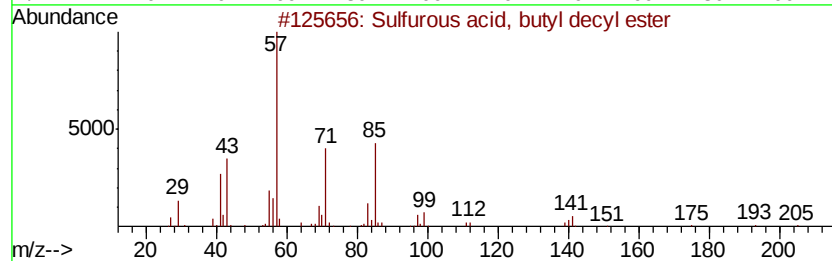
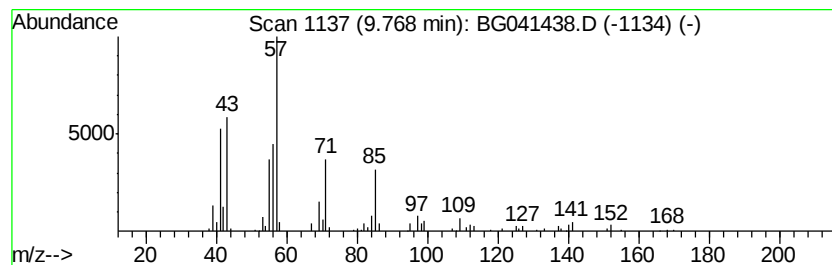
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Sulfurous acid, butyl decyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	27.48 ng	304807	Naphthalene-d8	10.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	72
2		Decane, 3-methyl-	156	C11H24	013151-34-3	64
3		Undecane, 3,4-dimethyl-	184	C13H28	017312-78-6	64
4		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	59
5		10-Methylnonadecane	282	C20H42	056862-62-5	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041438.D
Acq On : 25 Jun 2019 1:40
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Misc :
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Instrument :
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ClientSampleId :
B-6(17-18)

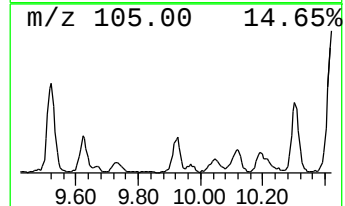
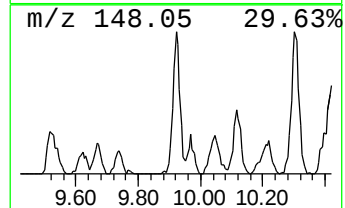
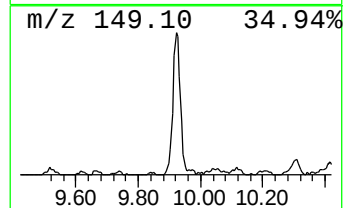
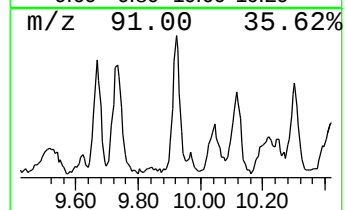
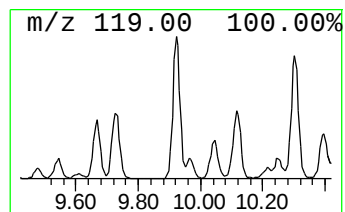
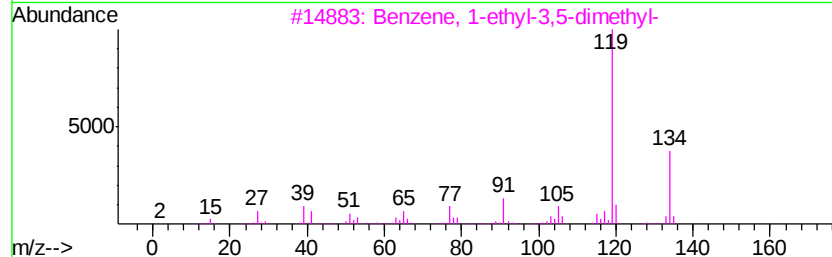
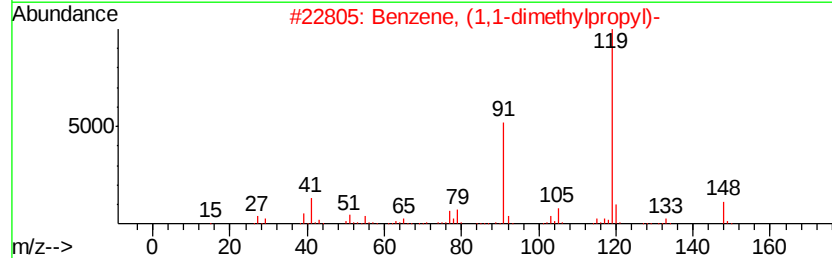
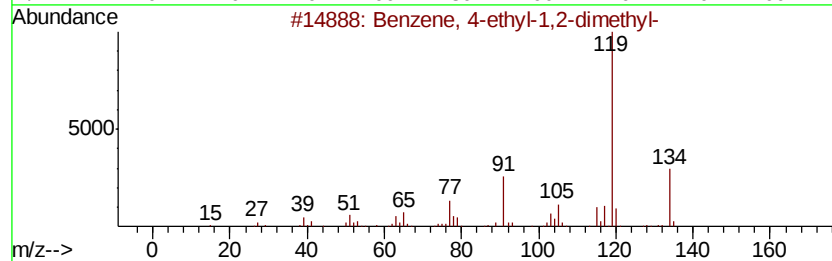
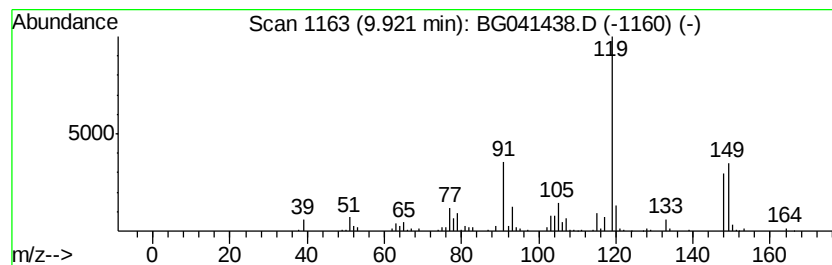
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	24.33 ng	269826	Naphthalene-d8	10.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	58
4		4'-Methylpropiophenone	148	C10H12O	005337-93-9	52
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041438.D
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Misc :
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Instrument :
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ClientSampleId :
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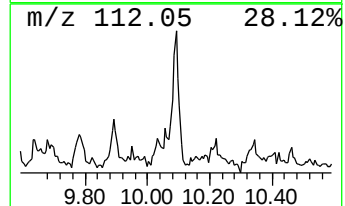
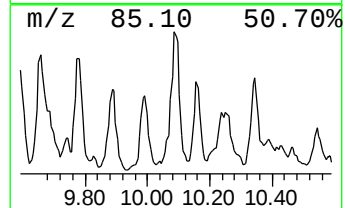
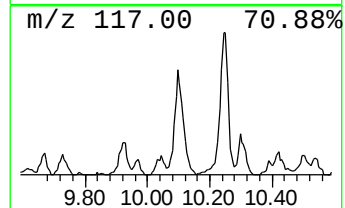
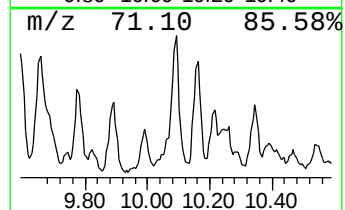
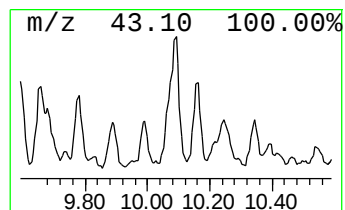
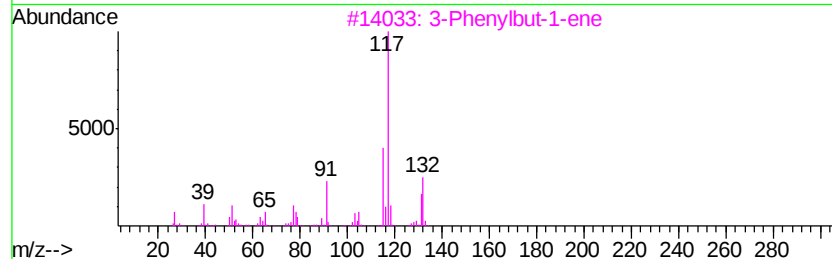
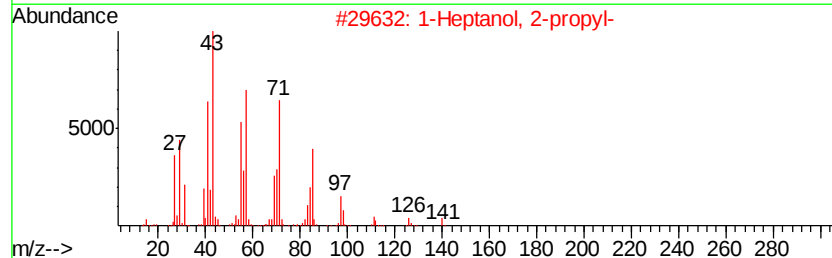
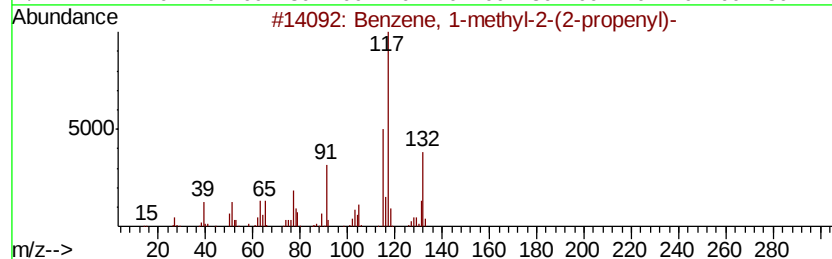
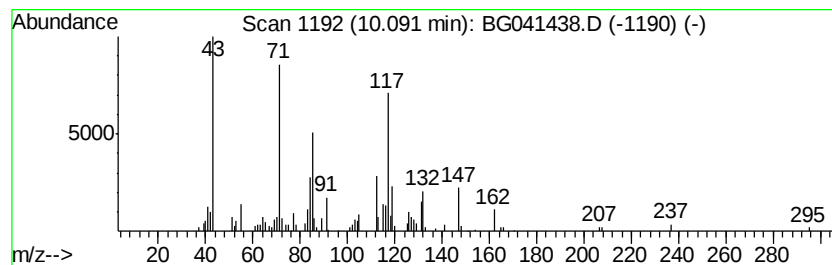
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown10.09 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	24.55 ng	272300	Naphthalene-d8	10.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	44
2		1-Heptanol, 2-propyl-	158	C10H22O	010042-59-8	38
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	25
4		2-Methoxycyclohexanone	128	C7H12O2	007429-44-9	22
5		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	15



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041438.D
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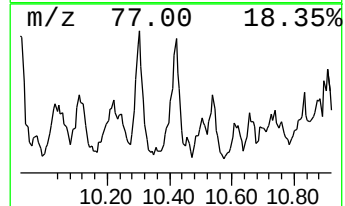
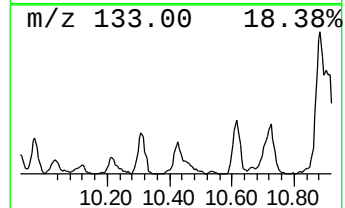
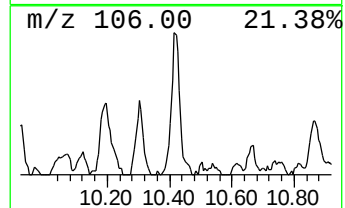
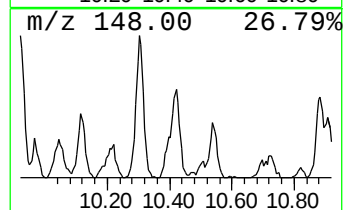
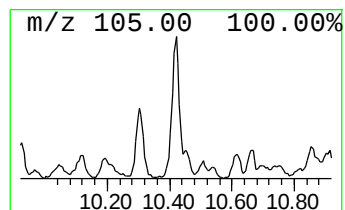
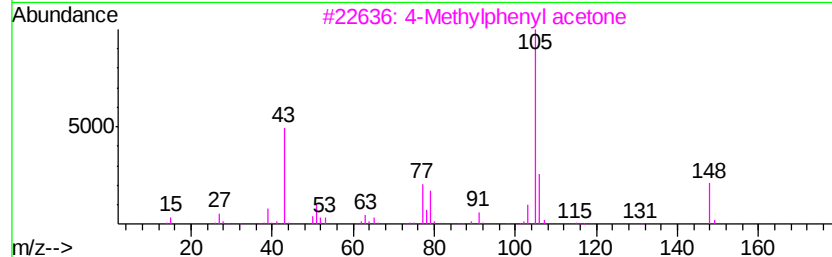
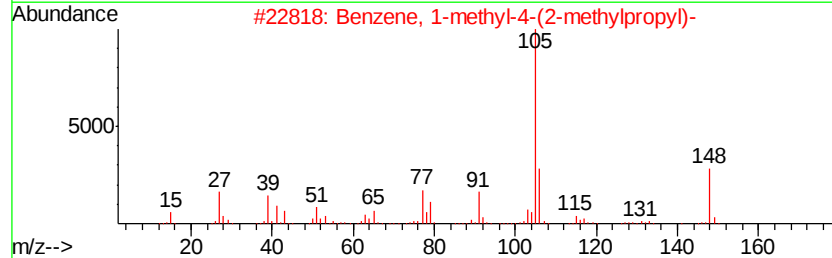
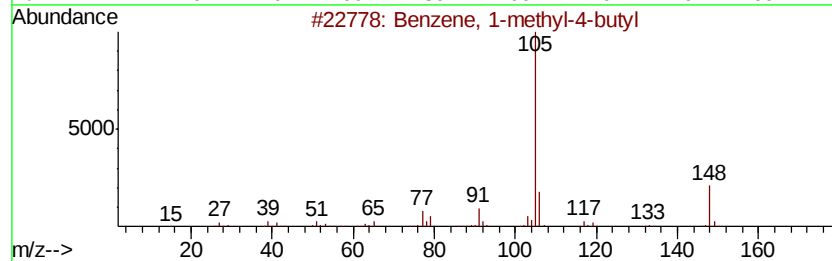
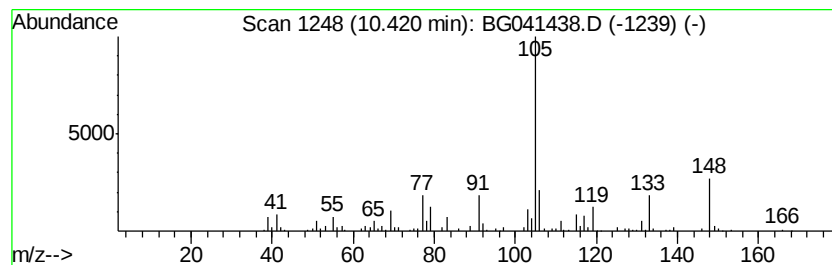
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1-methyl-4-butyl Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	24.14 ng	267690	Naphthalene-d8	10.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	70
2		Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	70
3		4-Methylphenyl acetone	148	C10H12O	002096-86-8	60
4		3-Buten-2-ol, 4-phenyl-, (E)-	148	C10H12O	1000163-70-9	52
5		Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041438.D
Acq On : 25 Jun 2019 1:40
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ClientSampleId :
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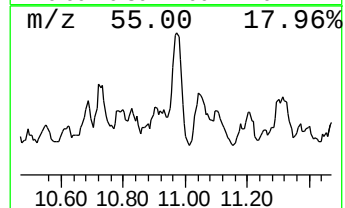
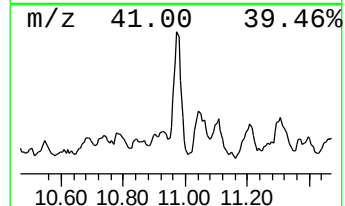
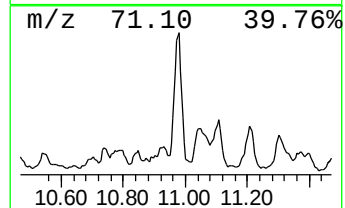
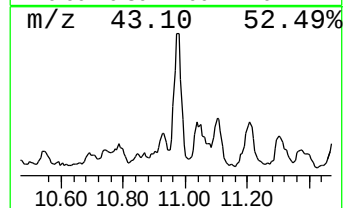
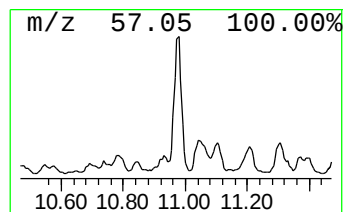
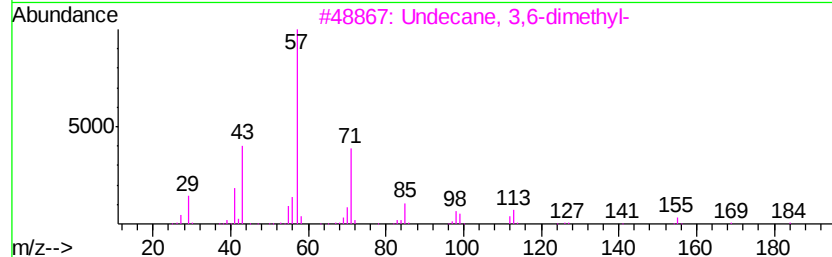
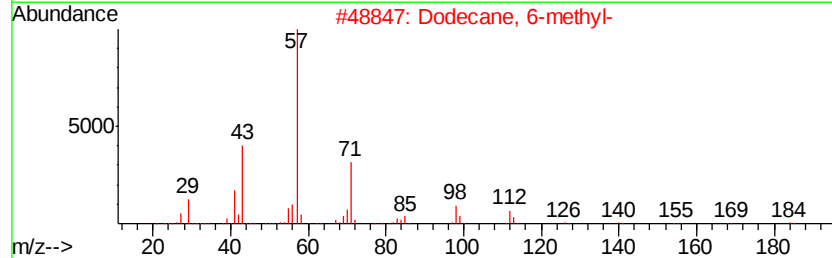
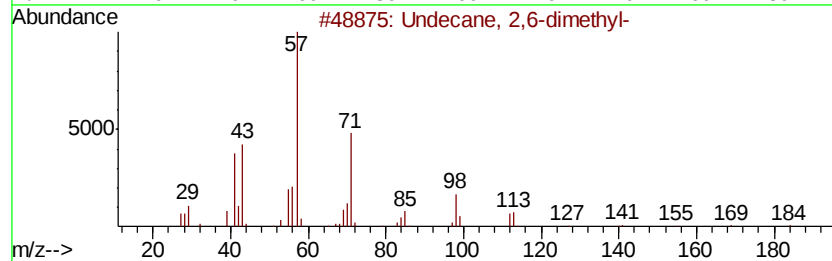
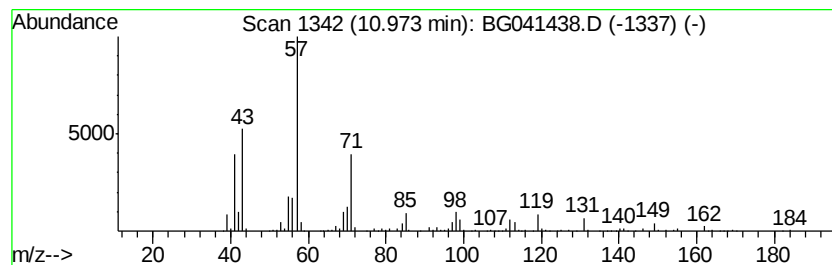
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Undecane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	63.32 ng	702290	Naphthalene-d8	10.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	81
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81
4		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041438.D
Acq On : 25 Jun 2019 1:40
Operator : HP/JU
Sample : K3499-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-6(17-18)

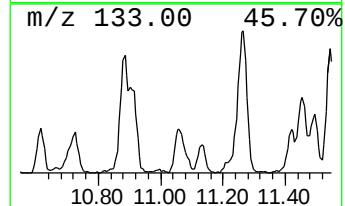
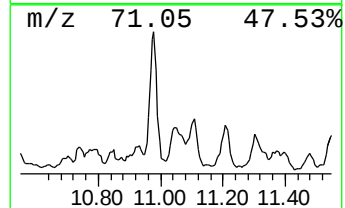
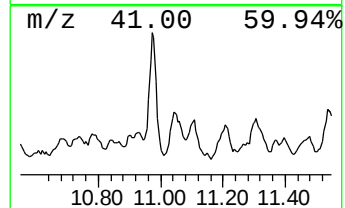
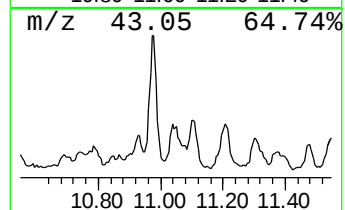
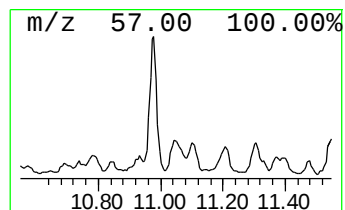
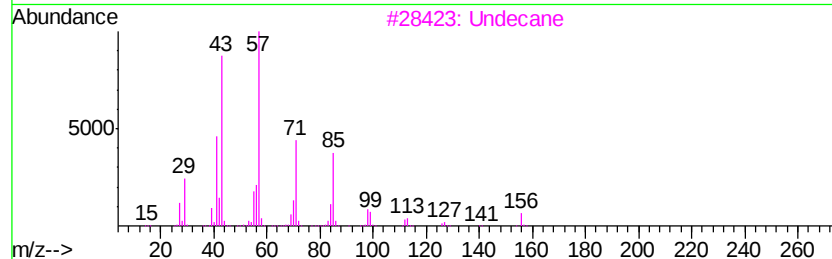
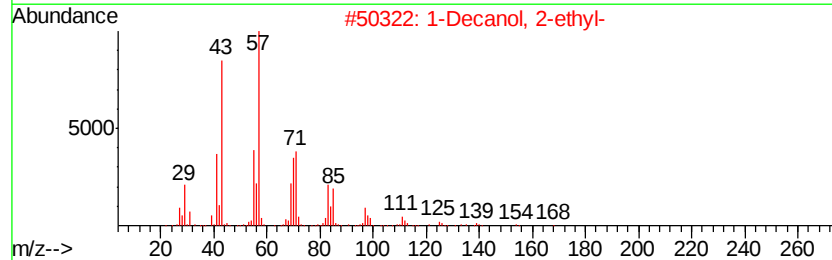
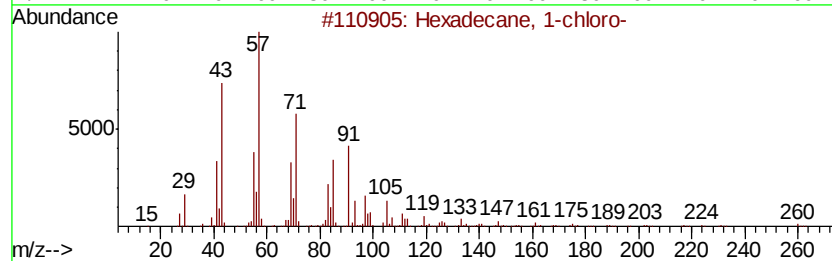
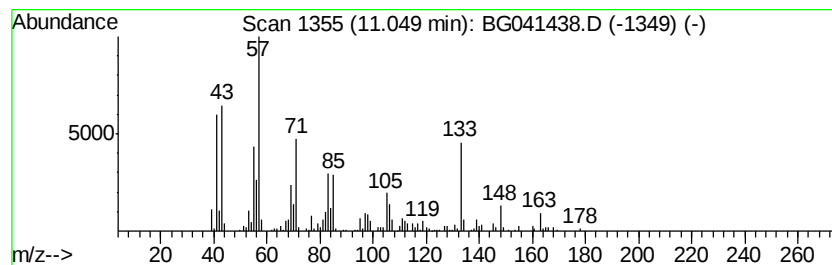
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown11.05 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	31.57 ng	350155	Naphthalene-d8	10.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	43
2		1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	43
3		Undecane	156	C11H24	001120-21-4	38
4		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	38
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041438.D
Acq On : 25 Jun 2019 1:40
Operator : HP/JU
Sample : K3499-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-6(17-18)

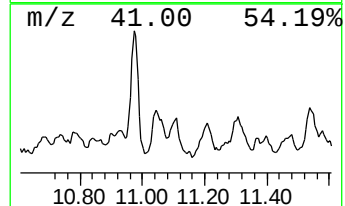
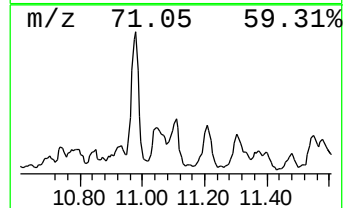
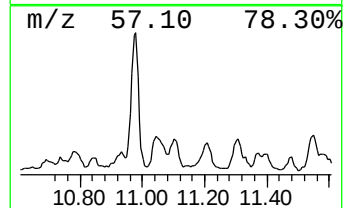
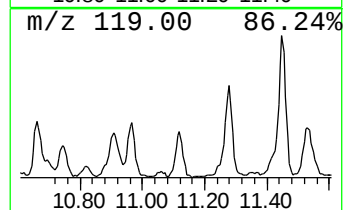
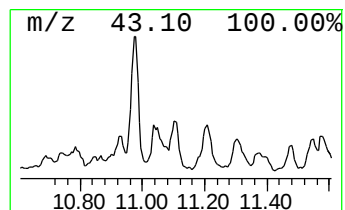
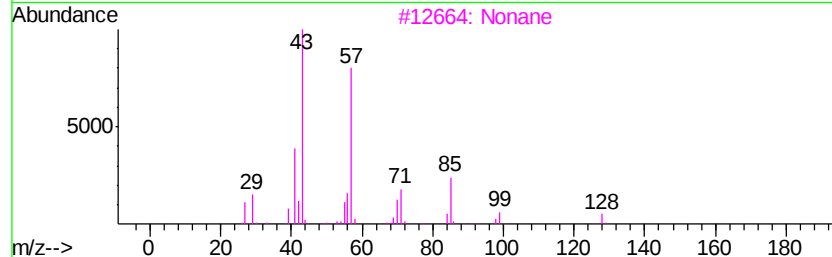
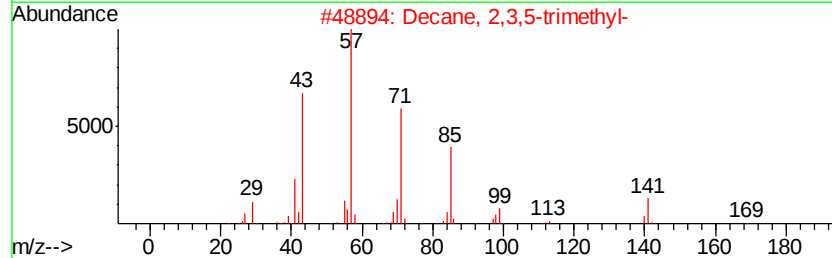
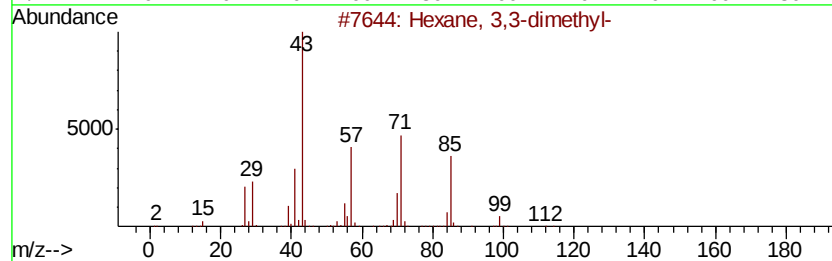
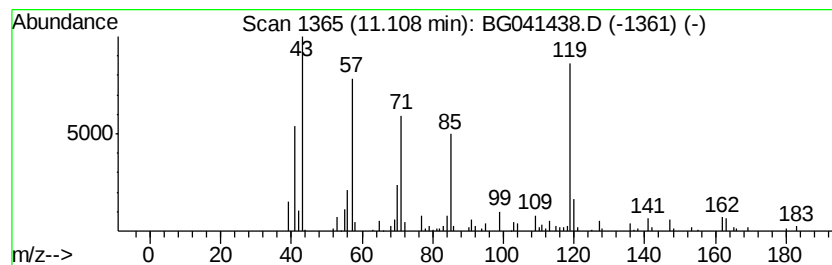
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown11.11 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	23.83 ng	264296	Naphthalene-d8	10.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	38
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	38
3		Nonane	128	C9H20	000111-84-2	35
4		Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	35
5		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041438.D
Acq On : 25 Jun 2019 1:40
Operator : HP/JU
Sample : K3499-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-6(17-18)

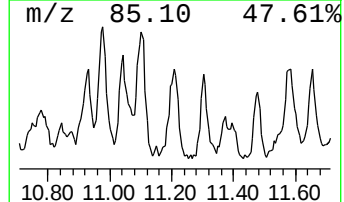
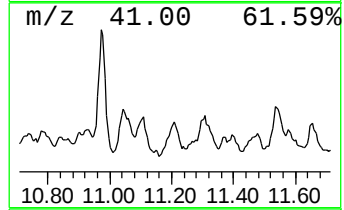
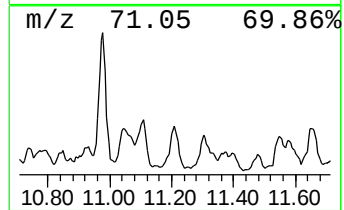
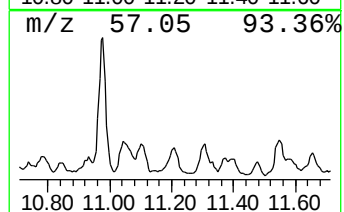
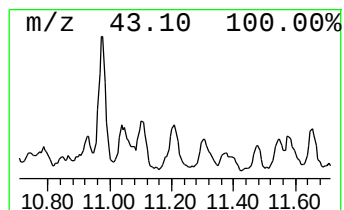
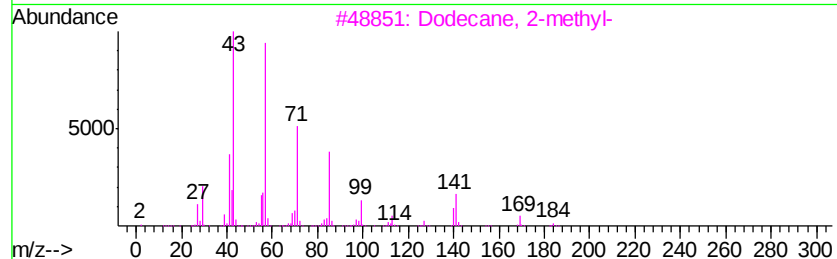
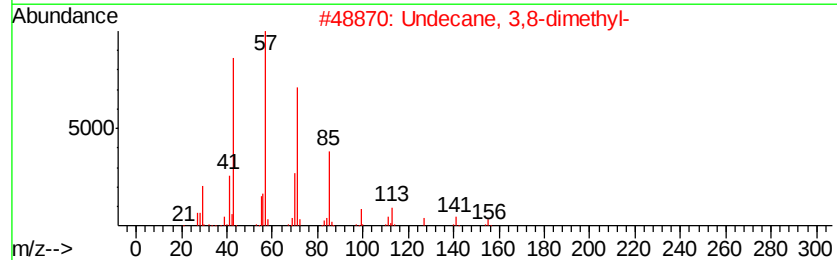
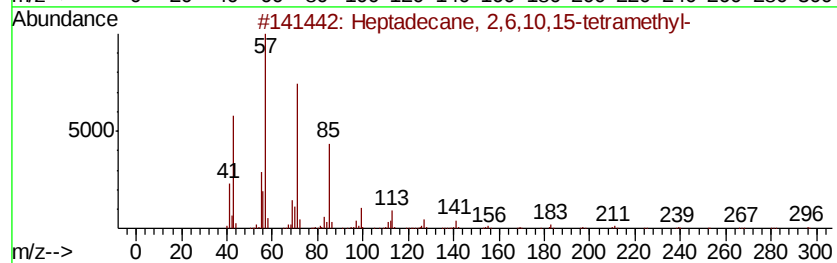
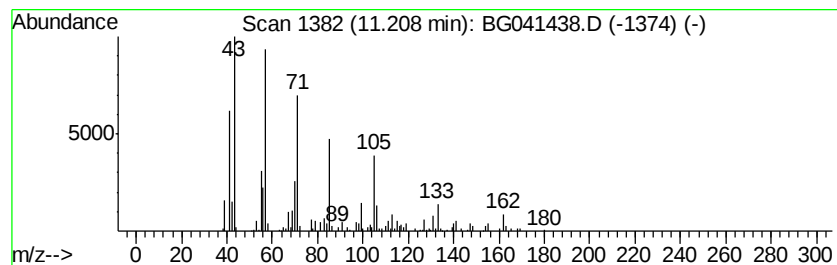
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown11.21 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	25.90 ng	287310	Naphthalene-d8	10.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	46
2		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	43
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	38
4		Dodecane, 3-methyl-	184	C13H28	017312-57-1	38
5		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041438.D
Acq On : 25 Jun 2019 1:40
Operator : HP/JU
Sample : K3499-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

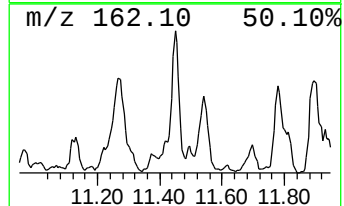
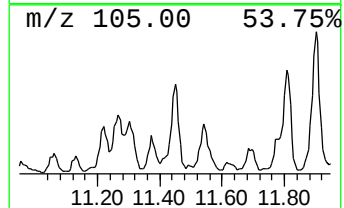
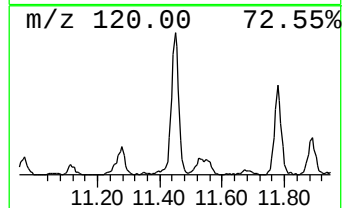
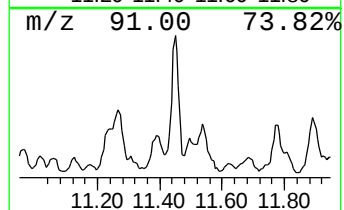
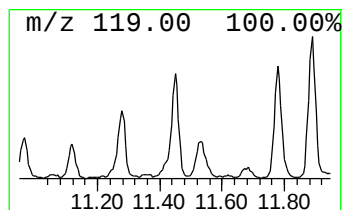
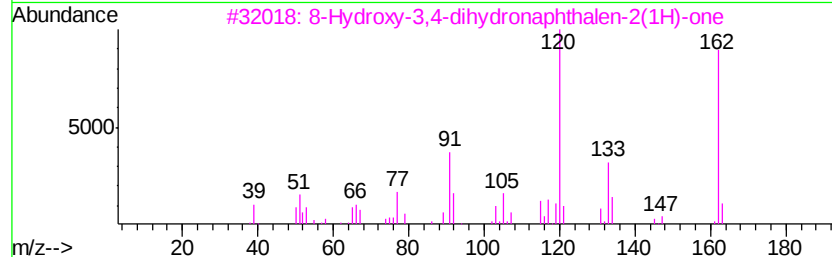
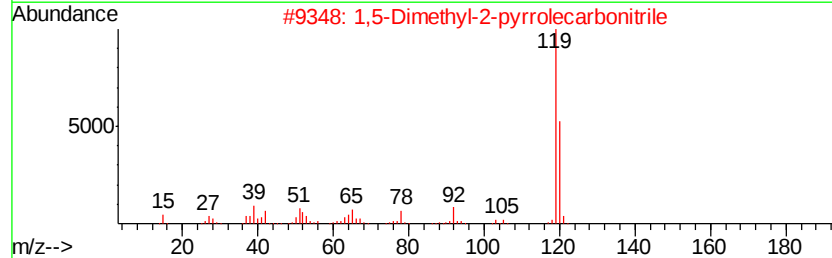
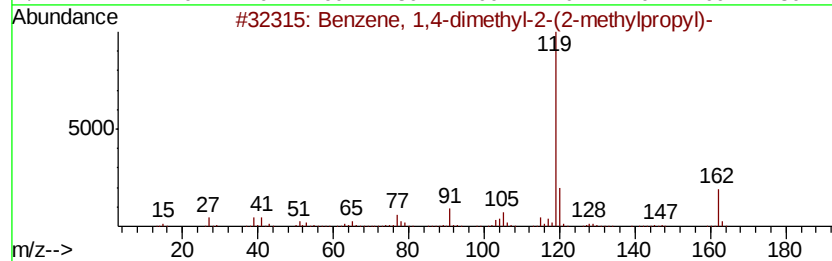
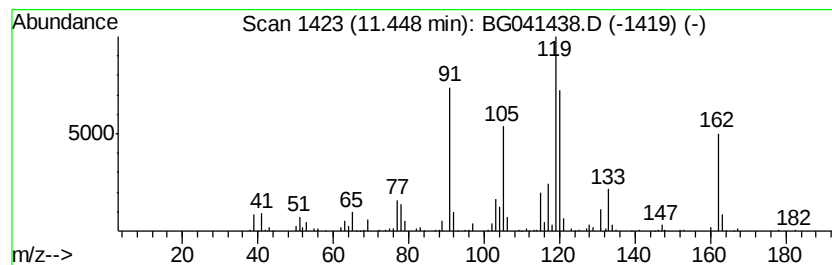
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ClientSampleId :
B-6(17-18)

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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 Benzene, 1,4-dimethyl-2-(2-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.45	29.01 ng	321716	Naphthalene-d8	10.87		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,4-dimethyl-2-(2-methyl-2-propenyl)-	162	C12H18	055669-88-0	60
2		1,5-Dimethyl-2-pyrrolicarbonitrile	120	C7H8N2	056341-36-7	45
3		8-Hydroxy-3,4-dihydronaphthalene-1-carbonitrile	162	C10H10O2	053568-05-1	45
4		3-Pyridinecarbonitrile, 1,4-dihydro-2-methyl-	120	C7H8N2	019424-15-8	43
5		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041438.D
Acq On : 25 Jun 2019 1:40
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Sample : K3499-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-6(17-18)

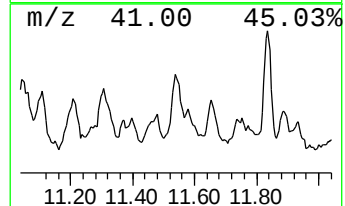
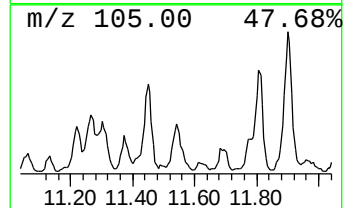
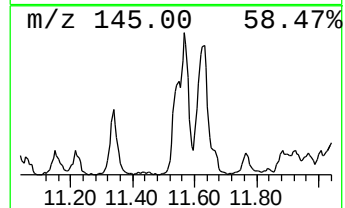
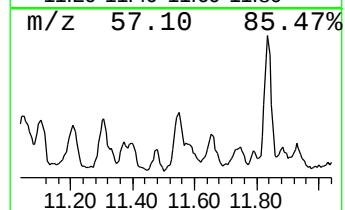
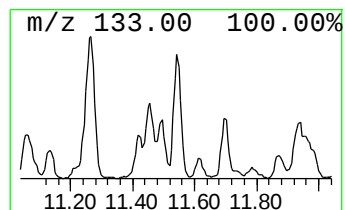
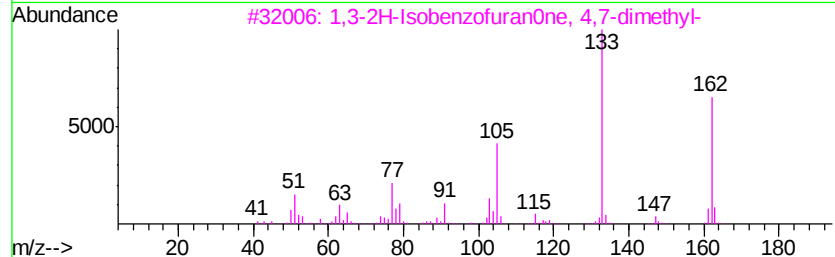
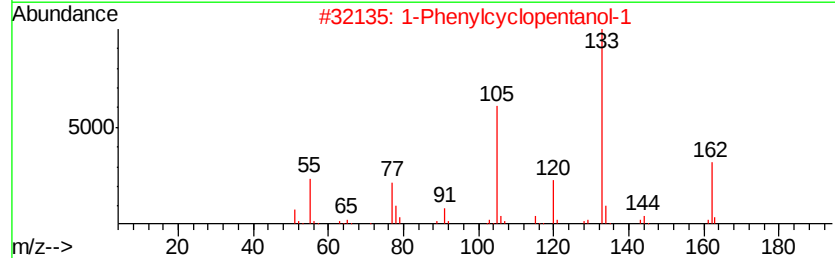
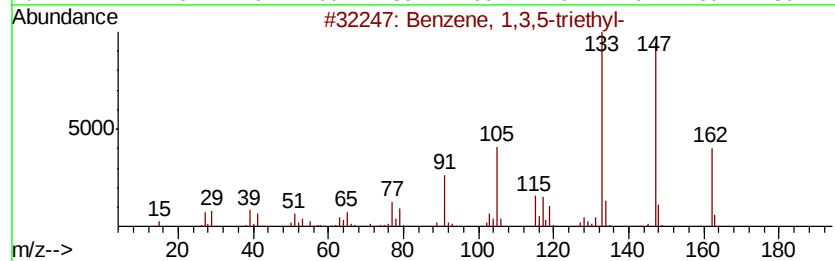
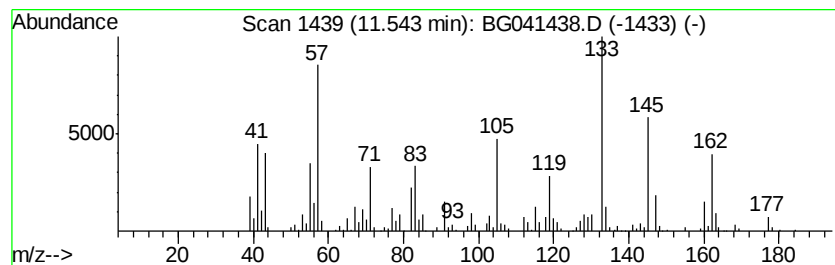
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown11.54 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	51.49 ng	571089	Napthalene-d8	10.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	49
2		1-Phenylcyclopentanol-1	162	C11H14O	010487-96-4	43
3		1,3-2H-IsobenzofuranOne, 4,7-dim...	162	C10H10O2	054598-91-3	43
4		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	30
5		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041438.D
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Sample : K3499-07
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-6(17-18)

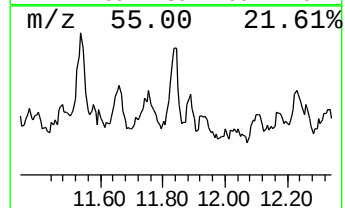
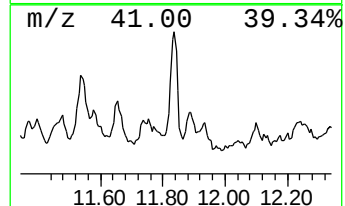
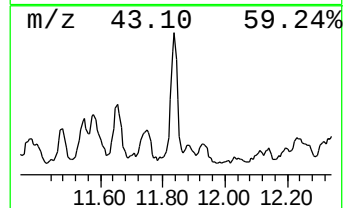
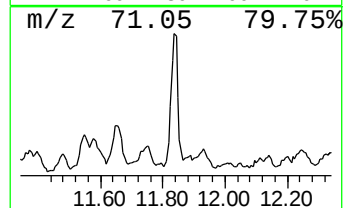
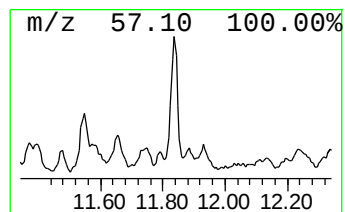
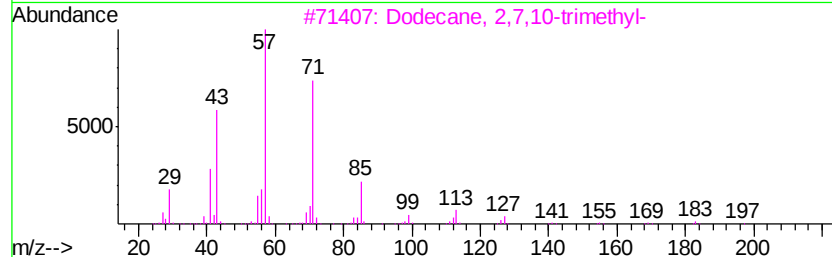
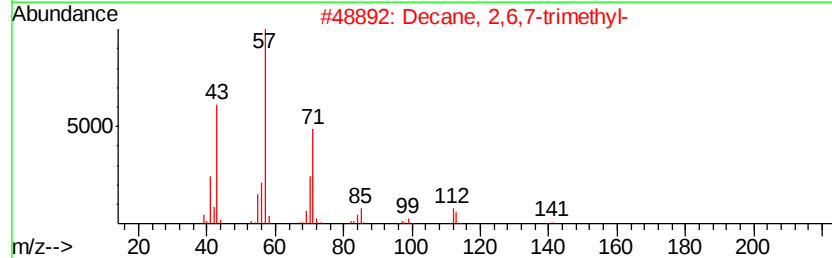
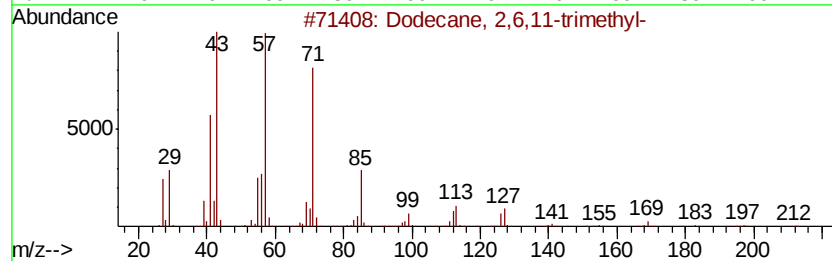
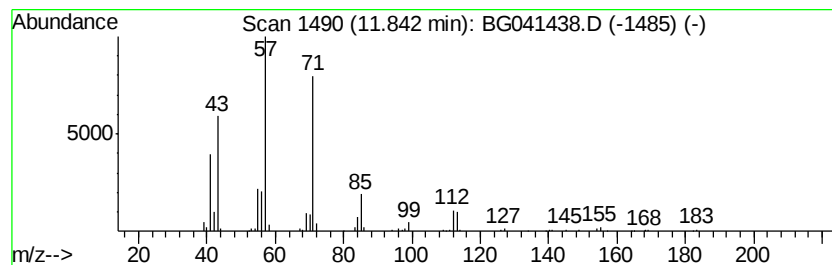
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane, 2,6,11-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	24.60 ng	272881	Naphthalene-d8	10.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
2		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	80
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	53
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041438.D
Acq On : 25 Jun 2019 1:40
Operator : HP/JU
Sample : K3499-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

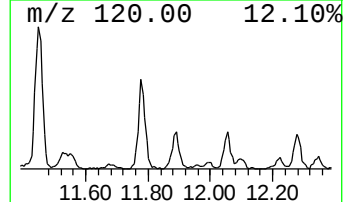
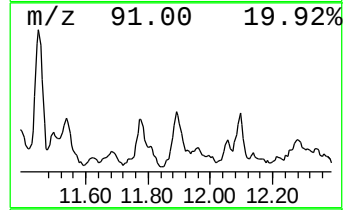
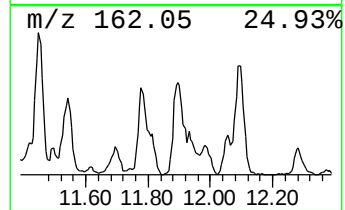
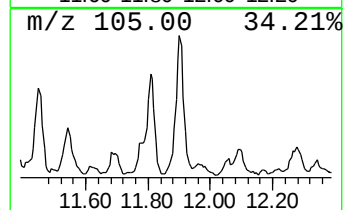
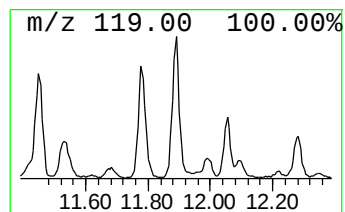
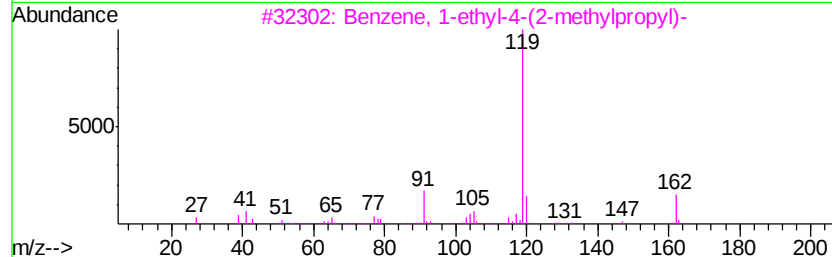
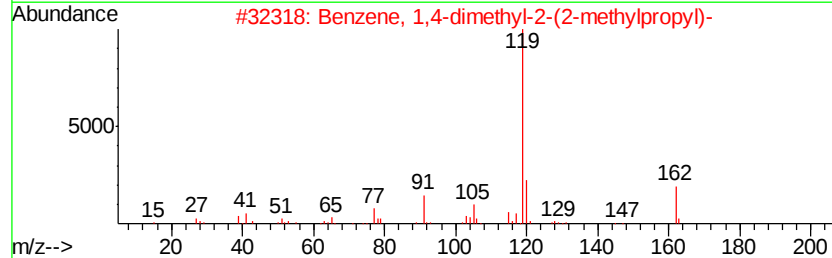
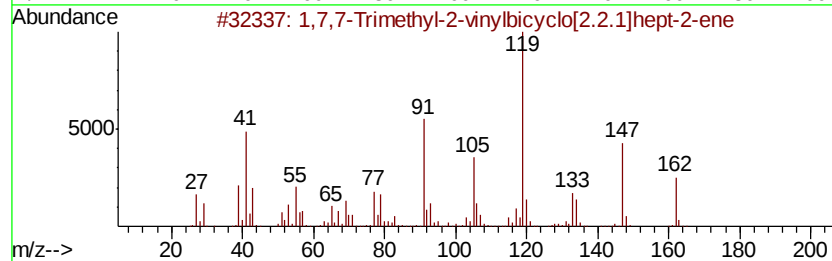
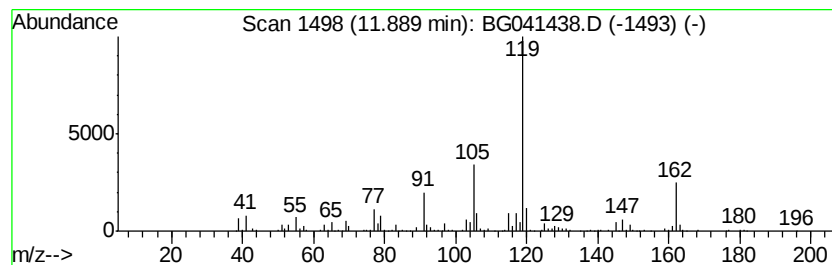
Instrument :
BNA_G
ClientSampleId :
B-6(17-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,7,7-Trimethyl-2-vinylbicy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.89	36.61 ng	406032	Naphthalene-d8	10.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7,7-Trimethyl-2-vinylbicyclo[2.2.1]hept-2-ene	162	C12H18	130930-56-2	90
2	Benzene, 1,4-dimethyl-2-(2-methylpropyl)-	162	C12H18	055669-88-0	68
3	Benzene, 1-ethyl-4-(2-methylpropyl)-	162	C12H18	100319-40-2	68
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	53
5	L-Alanine, N-(m-toluoyl)-, methyl ester	221	C12H15NO3	1000299-63-7	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041438.D
Acq On : 25 Jun 2019 1:40
Operator : HP/JU
Sample : K3499-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-6(17-18)

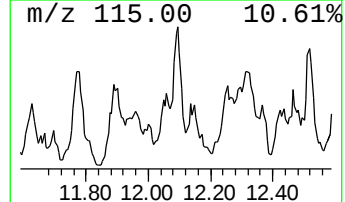
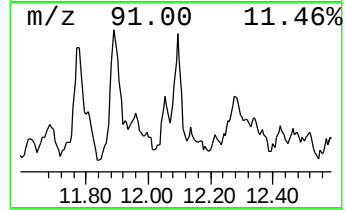
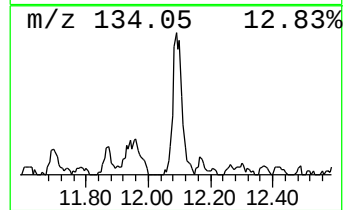
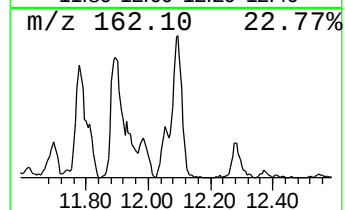
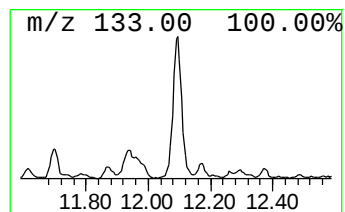
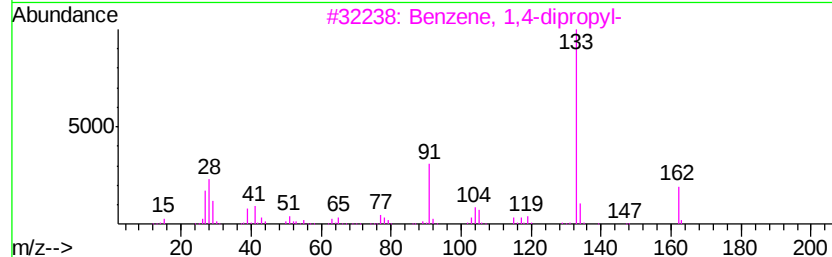
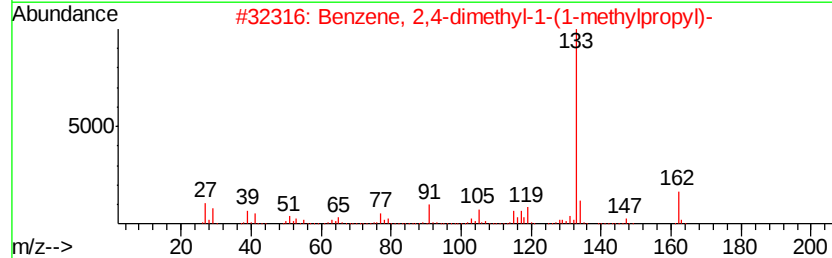
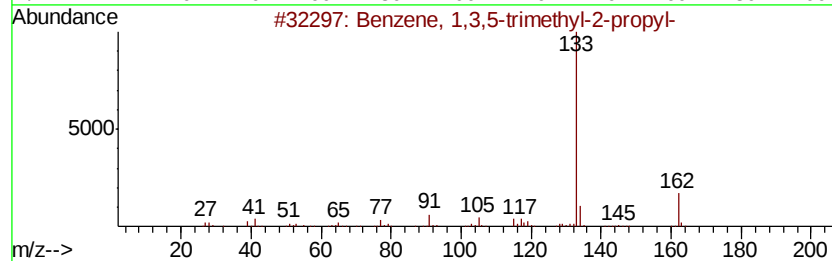
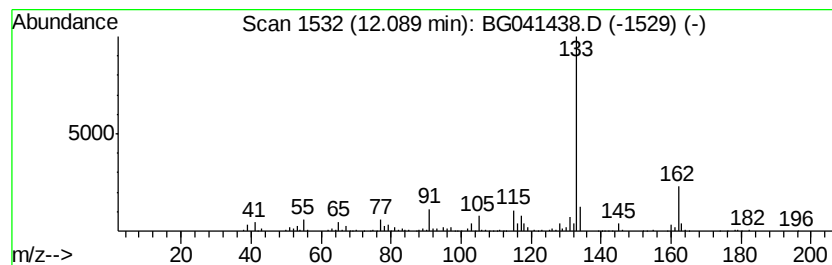
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	29.29 ng	324833	Napthalene-d8	10.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	72
2		Benzene, 2,4-dimethyl-1-(1-methylpropyl)-	162	C12H18	001483-60-9	72
3		Benzene, 1,4-dipropyl-	162	C12H18	004815-57-0	64
4		Benzene, (1-ethyl-1-methylpropyl)-	162	C12H18	001985-97-3	59
5		4'-Ethylpropiophenone	162	C11H14O	027465-51-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041438.D
Acq On : 25 Jun 2019 1:40
Operator : HP/JU
Sample : K3499-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-6(17-18)

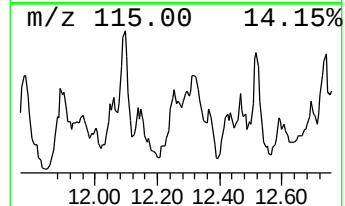
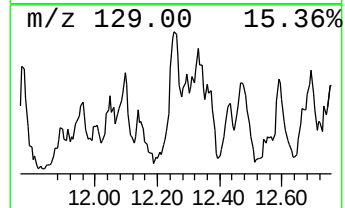
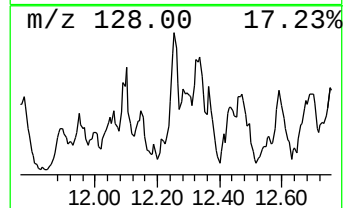
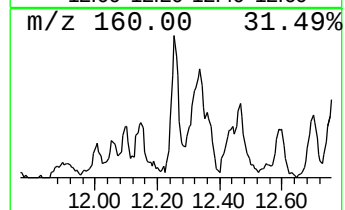
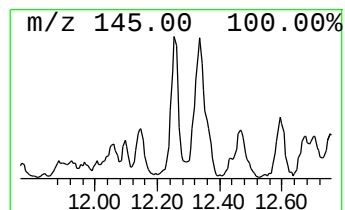
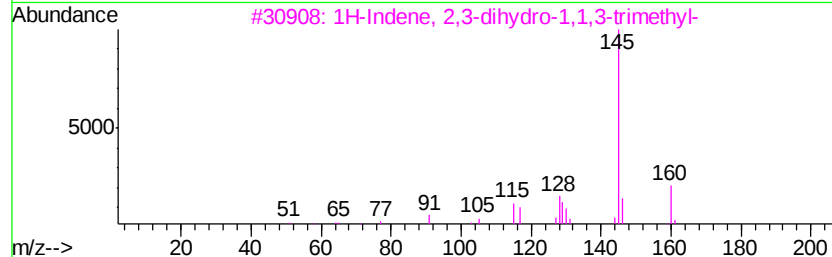
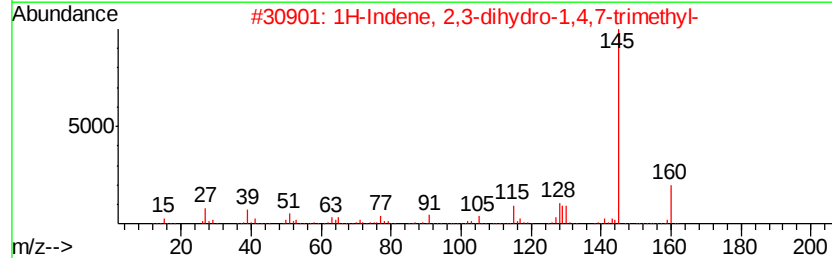
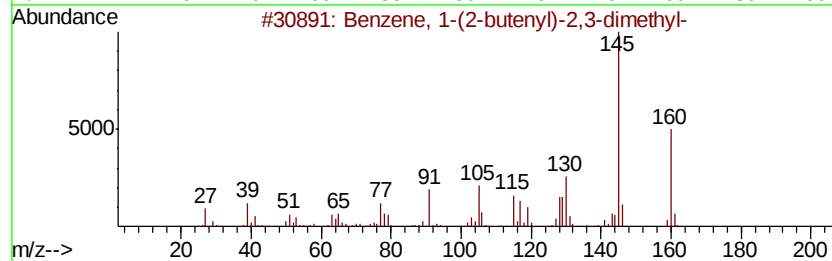
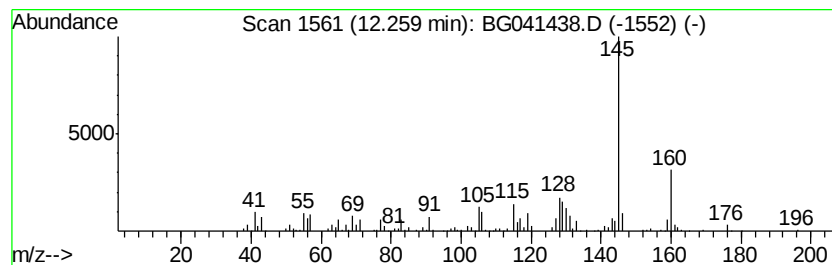
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	26.28 ng	291445	Naphthalene-d8	10.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	83
2		1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	81
3		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	81
4		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	76
5		1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062419\
 Data File : BG041438.D
 Acq On : 25 Jun 2019 1:40
 Operator : HP/JU
 Sample : K3499-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-6(17-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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
Octane, 2,3-dimet...	6.99	25.3	ng	820718	1	8.05	648653	20.0
unknown9.49	9.49	57.3	ng	635382	2	10.87	221826	20.0
Nonane, 3,7-dimet...	9.59	30.8	ng	341381	2	10.87	221826	20.0
unknown9.66	9.66	39.3	ng	436139	2	10.87	221826	20.0
Benzene, 1,2,3,5-...	9.73	27.1	ng	300958	2	10.87	221826	20.0
Sulfurous acid, b...	9.77	27.5	ng	304807	2	10.87	221826	20.0
Benzene, 4-ethyl-...	9.92	24.3	ng	269826	2	10.87	221826	20.0
unknown10.09	10.09	24.6	ng	272300	2	10.87	221826	20.0
Benzene, 1-methyl...	10.42	24.1	ng	267690	2	10.87	221826	20.0
Undecane, 2,6-dim...	10.97	63.3	ng	702290	2	10.87	221826	20.0
unknown11.05	11.05	31.6	ng	350155	2	10.87	221826	20.0
unknown11.11	11.11	23.8	ng	264296	2	10.87	221826	20.0
unknown11.21	11.21	25.9	ng	287310	2	10.87	221826	20.0
Benzene, 1,4-dime...	11.45	29.0	ng	321716	2	10.87	221826	20.0
unknown11.54	11.54	51.5	ng	571089	2	10.87	221826	20.0
Dodecane, 2,6,11-...	11.84	24.6	ng	272881	2	10.87	221826	20.0
1,7,7-Trimethyl-2...	11.89	36.6	ng	406032	2	10.87	221826	20.0
Benzene, 1,3,5-tr...	12.09	29.3	ng	324833	2	10.87	221826	20.0
Benzene, 1-(2-but...	12.26	26.3	ng	291445	2	10.87	221826	20.0