

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
 Data File : BF113221.D
 Acq On : 21 Mar 2019 21:13
 Operator : JU/SJ
 Sample : K2004-07 20X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-19B(7-8)

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_F\METHODS\8270-BF022719.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	4.840	462	468	472	rBV2	79767	108547	6.62%	0.477%
2	4.904	476	479	483	rVB	62278	62011	3.78%	0.273%
3	5.116	511	515	518	rBV	128144	130389	7.95%	0.573%
4	5.334	547	552	558	rVV	100603	120453	7.35%	0.530%
5	5.487	574	578	582	rBV	58648	71830	4.38%	0.316%
6	5.528	582	585	589	rVV	113814	101410	6.18%	0.446%
7	5.569	589	592	594	rVV	74178	74158	4.52%	0.326%
8	5.734	614	620	625	rBV2	138978	213584	13.02%	0.939%
9	5.798	625	631	633	rBV2	89694	144408	8.81%	0.635%
10	5.875	639	644	648	rVB	224059	227840	13.89%	1.002%
11	5.928	648	653	658	rBV4	102774	164412	10.03%	0.723%
12	5.975	658	661	667	rVV3	166774	232163	14.16%	1.021%
13	6.028	667	670	673	rVV2	109531	123321	7.52%	0.542%
14	6.057	673	675	679	rVV4	61727	81347	4.96%	0.358%
15	6.169	688	694	697	rBV2	233567	300943	18.35%	1.323%
16	6.257	705	709	711	rBV	93145	115113	7.02%	0.506%
17	6.287	711	714	718	rVB2	102251	120530	7.35%	0.530%
18	6.369	722	728	731	rBV3	131231	208638	12.72%	0.917%
19	6.469	741	745	747	rBV	198232	195903	11.95%	0.861%
20	6.492	747	749	754	rVB3	202023	238702	14.56%	1.050%
21	6.587	763	765	767	rVV	87842	68204	4.16%	0.300%
22	6.663	772	778	782	rVV4	88162	161698	9.86%	0.711%
23	6.698	782	784	785	rVV2	82405	67951	4.14%	0.299%
24	6.722	785	788	791	rVV	1242898	1065331	64.97%	4.684%
25	6.745	791	792	796	rVV	255754	192762	11.76%	0.848%
26	6.792	796	800	803	rVB2	130235	154066	9.40%	0.677%
27	6.851	807	810	812	rVV	174469	166881	10.18%	0.734%
28	6.875	812	814	818	rVV2	430880	427992	26.10%	1.882%
29	6.910	818	820	823	rVB	89143	72963	4.45%	0.321%
30	6.939	823	825	827	rBV	70435	72639	4.43%	0.319%
31	6.963	827	829	831	rVV2	110302	94215	5.75%	0.414%
32	6.998	831	835	841	rVB6	71942	116105	7.08%	0.511%
33	7.081	845	849	853	rBV2	86767	106876	6.52%	0.470%
34	7.122	853	856	858	rBV	127312	107854	6.58%	0.474%

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35	7.269	874	881	885	rBV3	235291	350365	21.37%	1.541%
36	7.310	885	888	890	rVV	140829	106446	6.49%	0.468%
37	7.363	894	897	898	rBV2	75849	74907	4.57%	0.329%
38	7.381	898	900	903	rVB2	128901	121966	7.44%	0.536%
39	7.422	903	907	908	rBV2	81148	88135	5.37%	0.388%
40	7.492	915	919	921	rBV3	48417	71763	4.38%	0.316%
41	7.516	921	923	924	rVV	124112	102617	6.26%	0.451%
42	7.534	924	926	930	rVB2	197134	166063	10.13%	0.730%
43	7.628	937	942	944	rBV2	252814	306265	18.68%	1.347%
44	7.663	944	948	950	rVB2	112936	152858	9.32%	0.672%
45	7.775	962	967	969	rBV2	89850	103405	6.31%	0.455%
46	7.834	973	977	981	rBV2	104271	126867	7.74%	0.558%
47	7.881	981	985	987	rBV2	53372	65407	3.99%	0.288%
48	7.969	994	1000	1001	rBV2	154337	187254	11.42%	0.823%
49	8.004	1001	1006	1014	rVV	1589676	1639802	100.00%	7.210%
50	8.057	1014	1015	1017	rVV2	108715	107404	6.55%	0.472%
51	8.081	1017	1019	1021	rVV	386285	293903	17.92%	1.292%
52	8.104	1021	1023	1031	rVB5	154729	297983	18.17%	1.310%
53	8.175	1031	1035	1037	rBV	80267	122087	7.45%	0.537%
54	8.245	1045	1047	1050	rVB4	87430	79573	4.85%	0.350%
55	8.304	1050	1057	1060	rBV4	284049	368734	22.49%	1.621%
56	8.334	1060	1062	1064	rVV2	86484	88670	5.41%	0.390%
57	8.357	1064	1066	1070	rVV3	78019	90275	5.51%	0.397%
58	8.398	1070	1073	1076	rVV3	91519	105140	6.41%	0.462%
59	8.439	1077	1080	1084	rVV	529361	536767	32.73%	2.360%
60	8.475	1084	1086	1089	rVB2	111713	104872	6.40%	0.461%
61	8.604	1105	1108	1109	rBV	144010	114528	6.98%	0.504%
62	8.645	1113	1115	1117	rBV2	70447	63260	3.86%	0.278%
63	8.704	1122	1125	1128	rVB3	211497	239779	14.62%	1.054%
64	8.745	1128	1132	1134	rBV4	49989	80930	4.94%	0.356%
65	8.804	1139	1142	1143	rVV2	57949	62187	3.79%	0.273%
66	8.822	1143	1145	1150	rVB3	104793	112936	6.89%	0.497%
67	8.869	1150	1153	1155	rBV2	78232	65643	4.00%	0.289%
68	8.922	1159	1162	1165	rVB	257543	218537	13.33%	0.961%
69	8.981	1169	1172	1175	rVV3	64457	68821	4.20%	0.303%
70	9.039	1179	1182	1184	rVV	411083	373073	22.75%	1.640%
71	9.081	1186	1189	1193	rVB	212323	211104	12.87%	0.928%

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72	9.181	1204	1206	1209	rVV2	105676	113212	6.90%	0.498%
73	9.233	1213	1215	1220	rVB3	124055	160961	9.82%	0.708%
74	9.286	1220	1224	1227	rVB2	89579	108097	6.59%	0.475%
75	9.333	1227	1232	1234	rBV3	87791	120778	7.37%	0.531%
76	9.363	1234	1237	1239	rVB	99471	85521	5.22%	0.376%
77	9.410	1239	1245	1249	rBV4	75578	147723	9.01%	0.650%
78	9.492	1254	1259	1261	rBV	624642	545620	33.27%	2.399%
79	9.516	1261	1263	1266	rVB3	91404	87655	5.35%	0.385%
80	9.669	1287	1289	1292	rVB	67581	63276	3.86%	0.278%
81	9.757	1298	1304	1307	rBV	1581884	1449241	88.38%	6.372%
82	9.875	1321	1324	1328	rVB2	73619	76688	4.68%	0.337%
83	9.922	1329	1332	1336	rVV3	72296	99352	6.06%	0.437%
84	9.957	1336	1338	1342	rVV2	92593	104525	6.37%	0.460%
85	10.022	1346	1349	1352	rVB	167987	147489	8.99%	0.649%
86	10.133	1365	1368	1372	rVB3	48873	79469	4.85%	0.349%
87	10.316	1393	1399	1403	rBV3	94006	199852	12.19%	0.879%
88	10.357	1404	1406	1410	rVB	67769	61232	3.73%	0.269%
89	10.416	1413	1416	1419	rVB	306188	281656	17.18%	1.238%
90	10.545	1436	1438	1441	rBV2	77441	65149	3.97%	0.286%
91	10.680	1457	1461	1469	rVB	553339	607775	37.06%	2.672%
92	11.145	1537	1540	1544	rVB	486997	478842	29.20%	2.105%
93	11.192	1546	1548	1552	rBV4	58885	87685	5.35%	0.386%
94	11.233	1552	1555	1558	rBV	1305459	1312113	80.02%	5.769%
95	11.498	1596	1600	1602	rBV	256055	266414	16.25%	1.171%
96	12.004	1684	1686	1690	rVB	161475	170286	10.38%	0.749%
97	12.445	1758	1761	1764	rBV2	280947	321693	19.62%	1.414%
98	12.816	1822	1824	1828	rBV	300638	306426	18.69%	1.347%
99	13.868	2000	2003	2006	rBV	1097596	1129244	68.86%	4.965%
100	15.286	2242	2244	2250	rVB	615690	683026	41.65%	3.003%

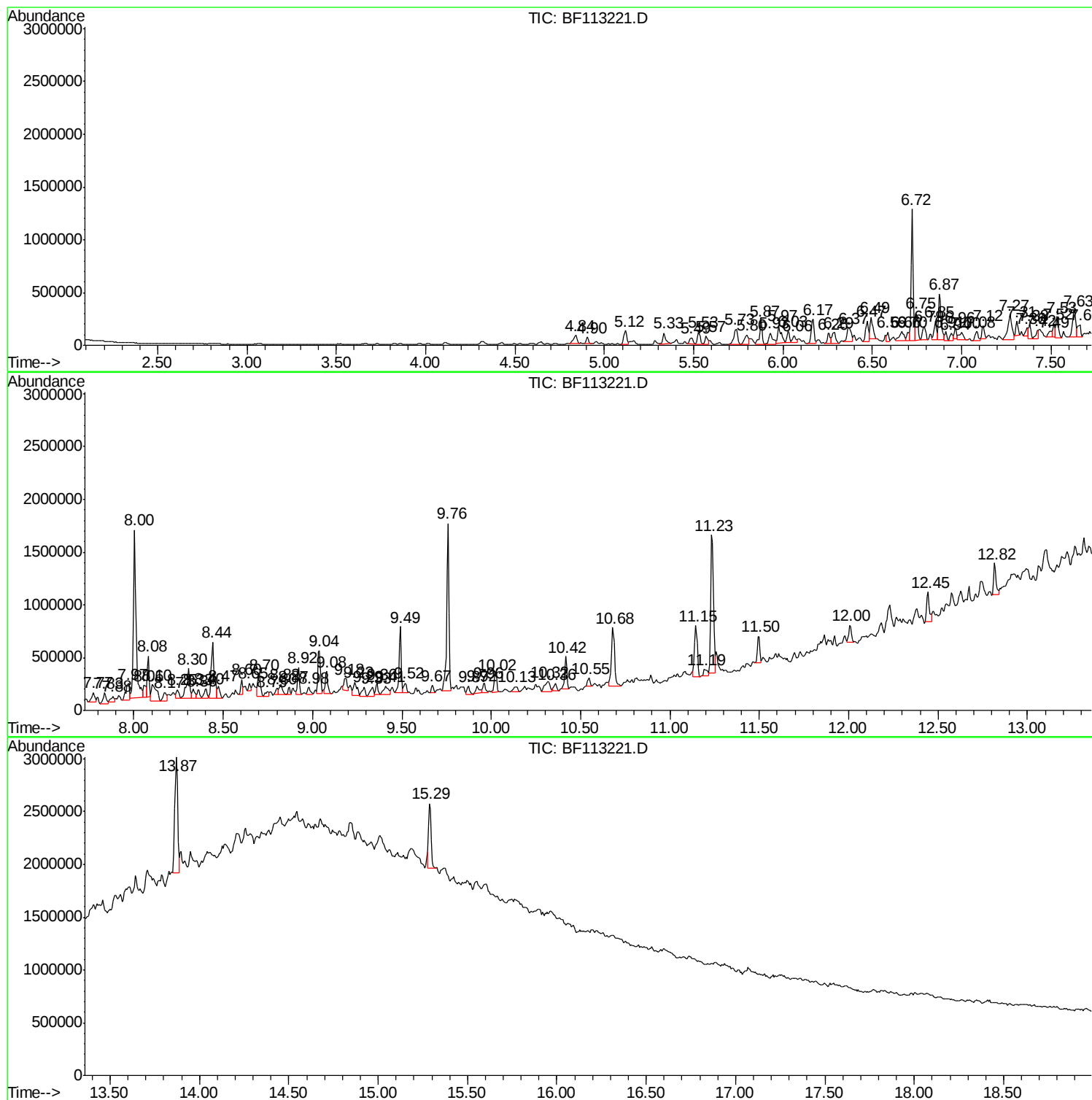
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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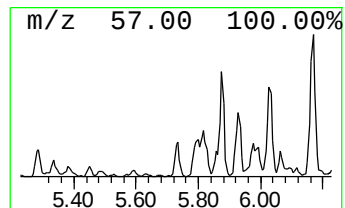
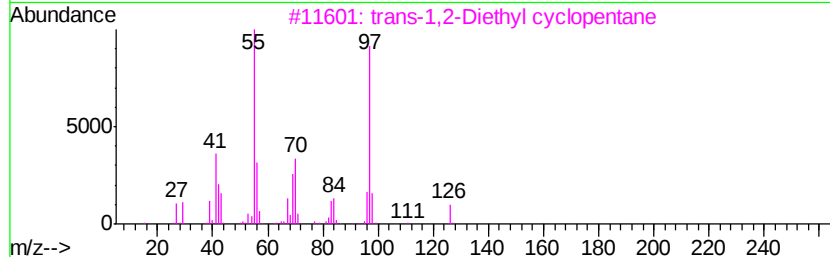
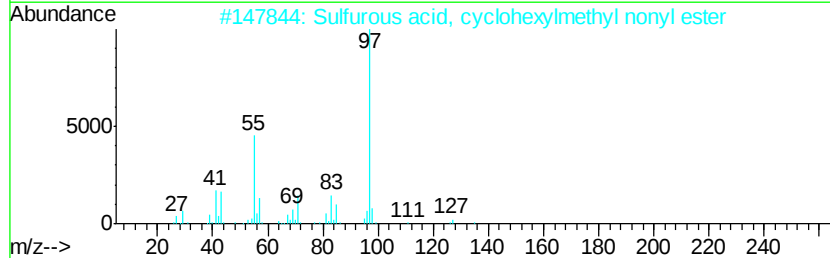
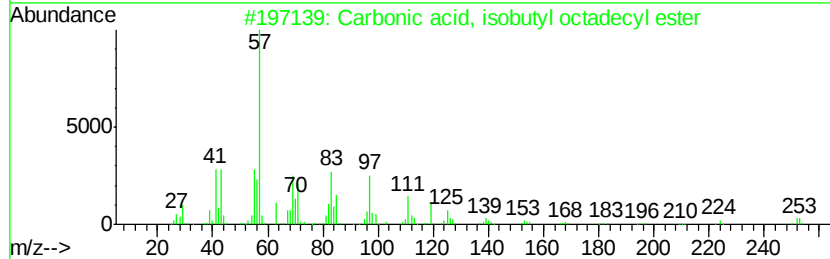
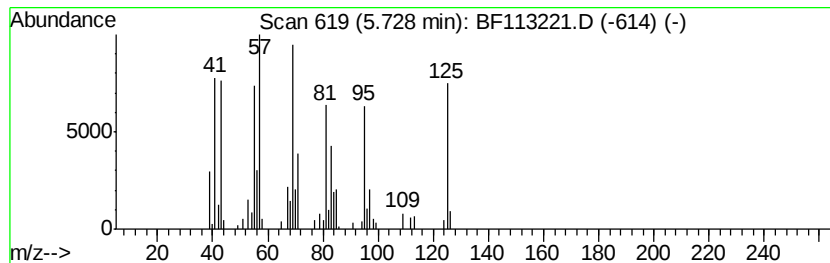
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown5.73 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	4.01 ng	213584	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	43
2		Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	43
3		trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	41
4		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	25
5		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	25



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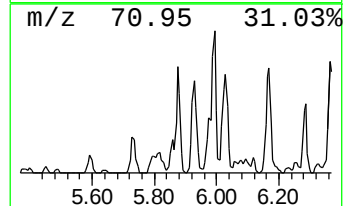
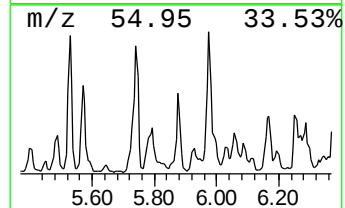
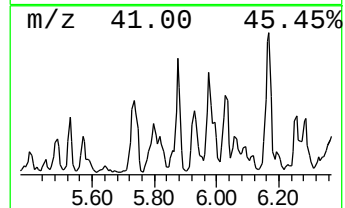
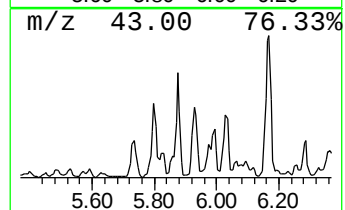
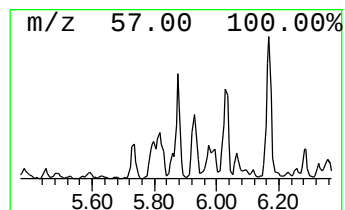
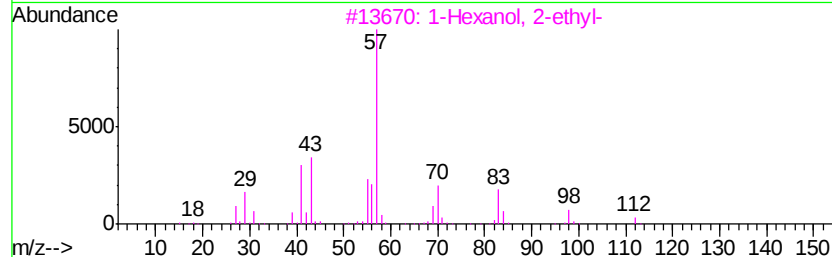
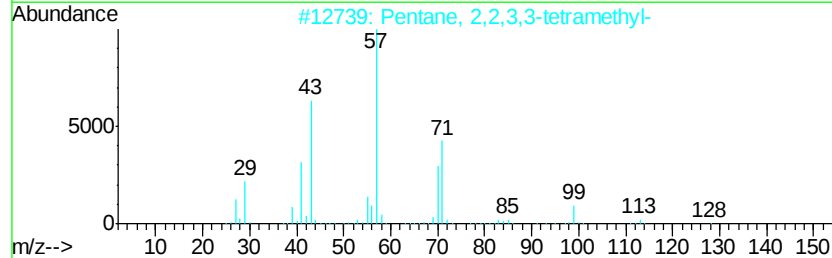
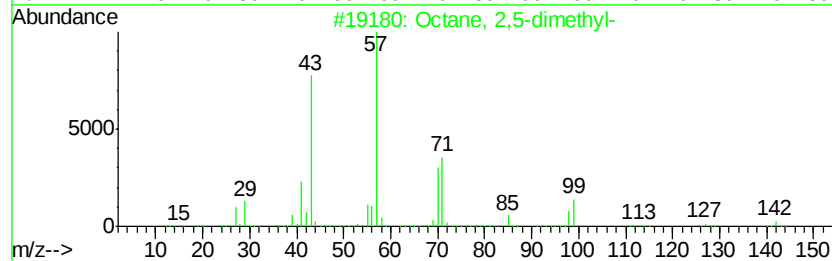
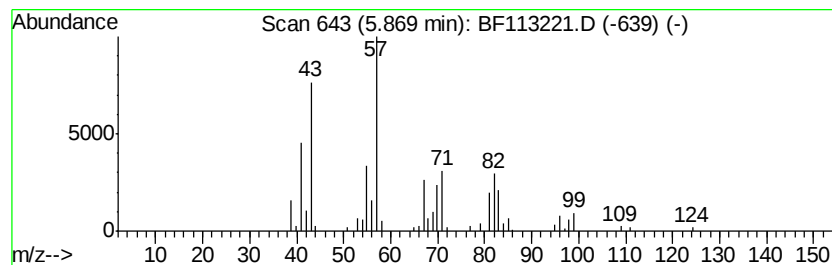
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown5.87 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	4.28 ng	227840	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	46
2		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	38
3		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	35
4		5,5-Dimethyl-cyclohex-3-en-1-ol	126	C8H14O	082299-68-1	35
5		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	35



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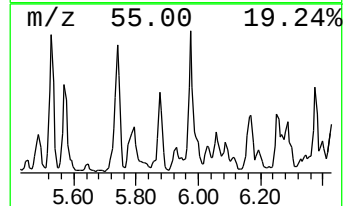
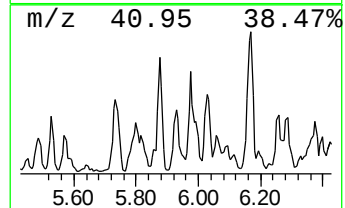
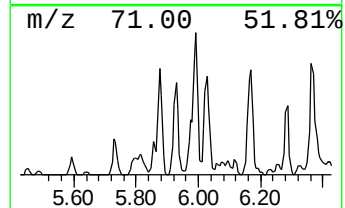
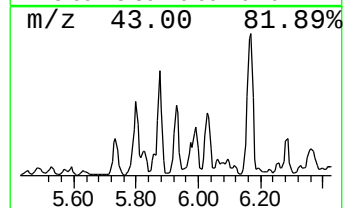
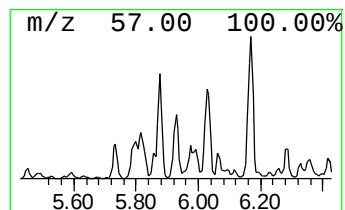
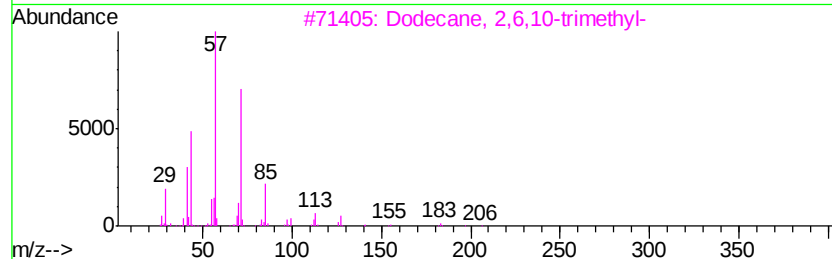
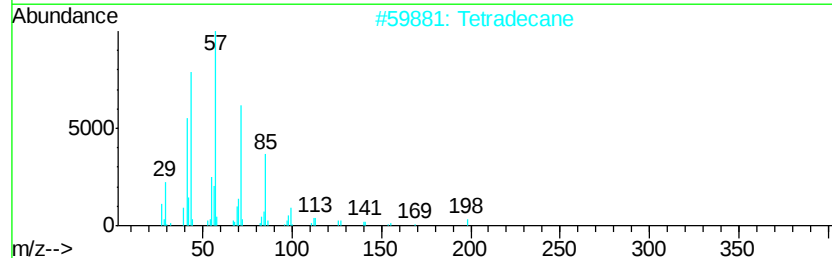
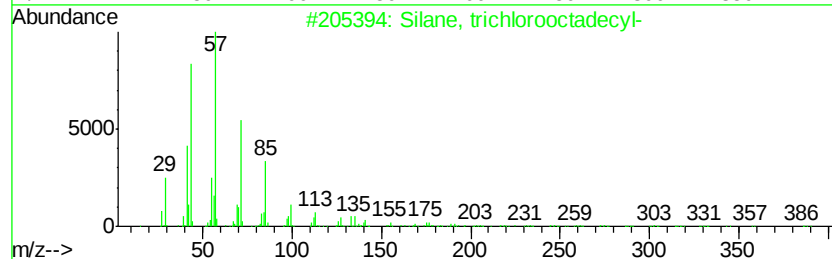
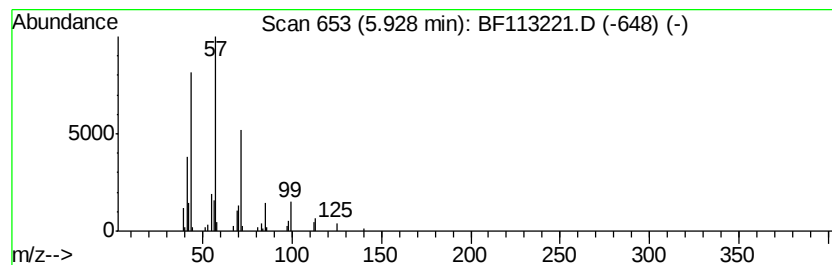
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	3.09 ng	164412	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72
2		Tetradecane	198	C14H30	000629-59-4	64
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
4		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64
5		Pentadecane	212	C15H32	000629-62-9	64



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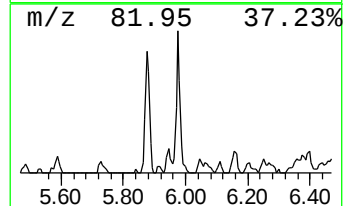
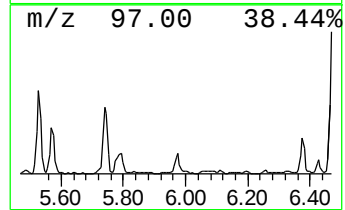
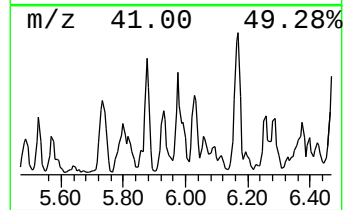
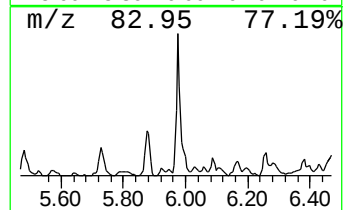
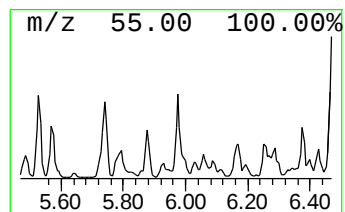
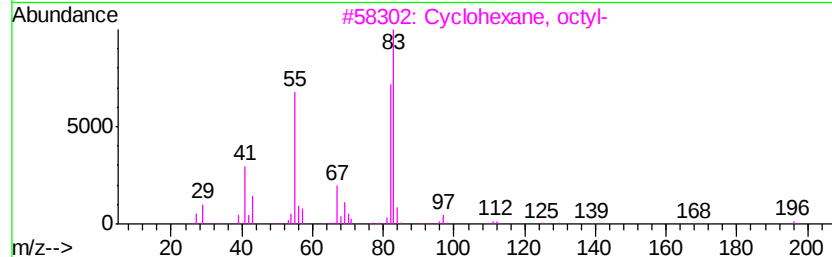
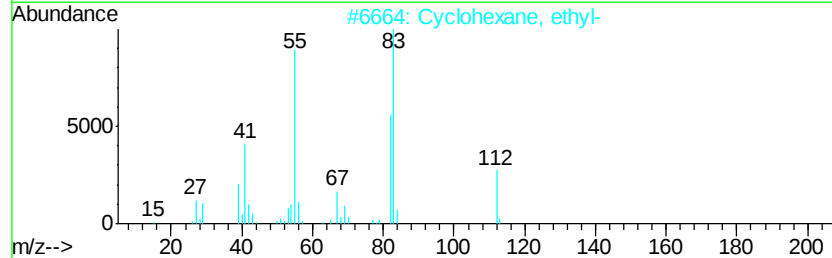
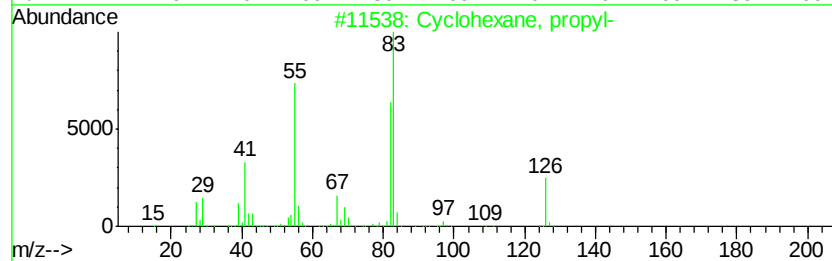
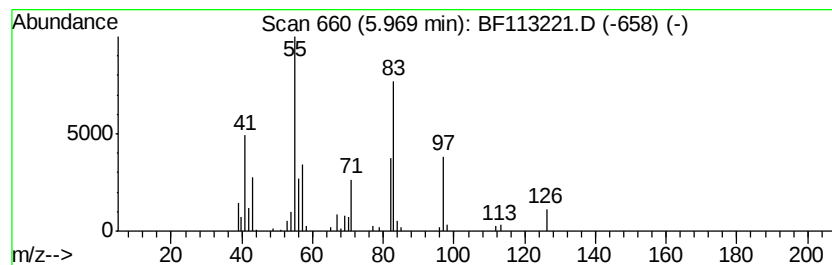
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	4.36 ng	232163	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, propyl-	126	C9H18	001678-92-8	76
2		Cyclohexane, ethyl-	112	C8H16	001678-91-7	58
3		Cyclohexane, octyl-	196	C14H28	001795-15-9	50
4		Cycloheptanone, 4-methyl-, (R)-	126	C8H14O	013609-59-1	43
5		Oxalic acid, cyclohexyl pentyl e...	242	C13H22O4	1000309-30-6	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113221.D
Acq On : 21 Mar 2019 21:13
Operator : JU/SJ
Sample : K2004-07 20X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-19B(7-8)

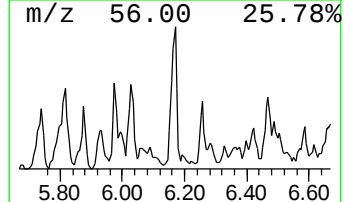
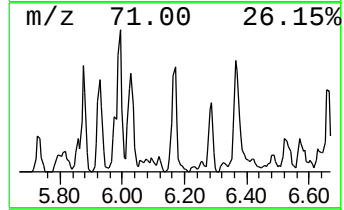
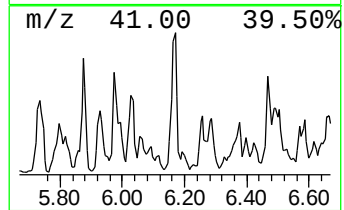
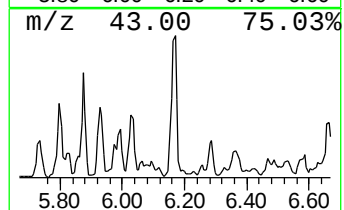
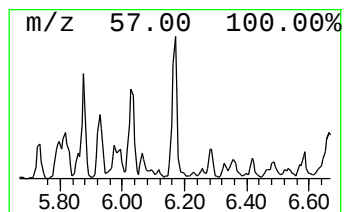
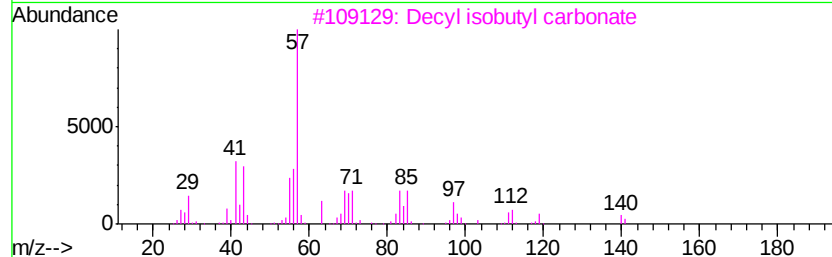
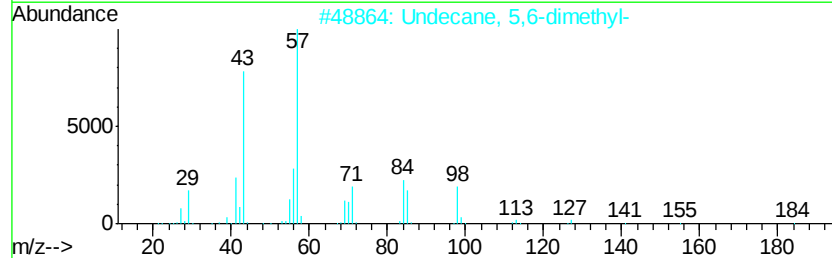
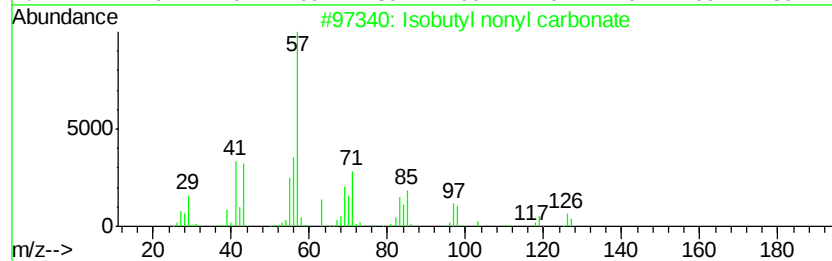
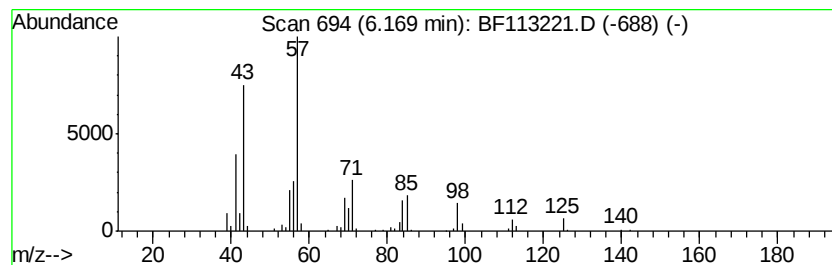
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Isobutyl nonyl carbonate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	5.65 ng	300943	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	72
2		Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	64
3		Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	59
4		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
5		Decane, 5-methyl-	156	C11H24	013151-35-4	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113221.D
Acq On : 21 Mar 2019 21:13
Operator : JU/SJ
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Instrument :
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ClientSampleId :
SB-19B(7-8)

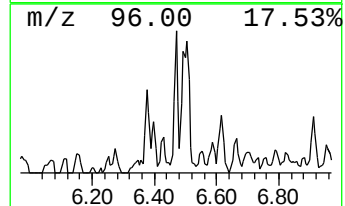
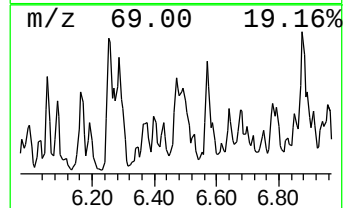
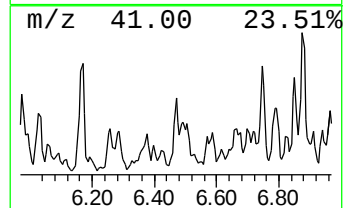
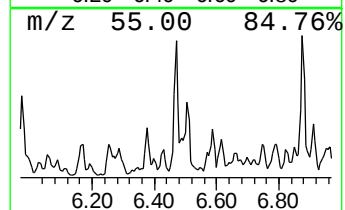
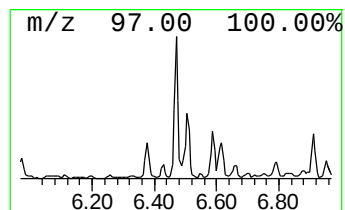
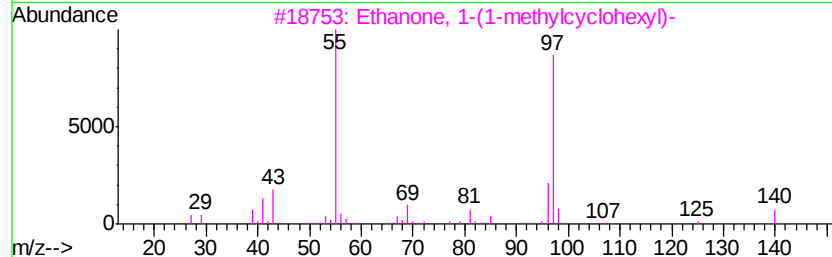
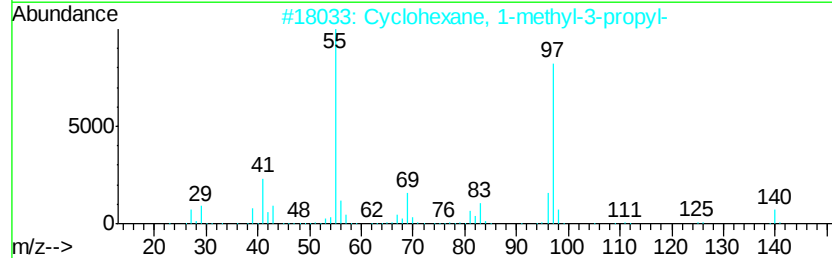
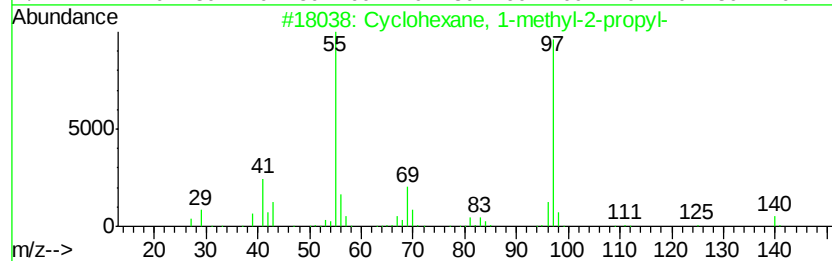
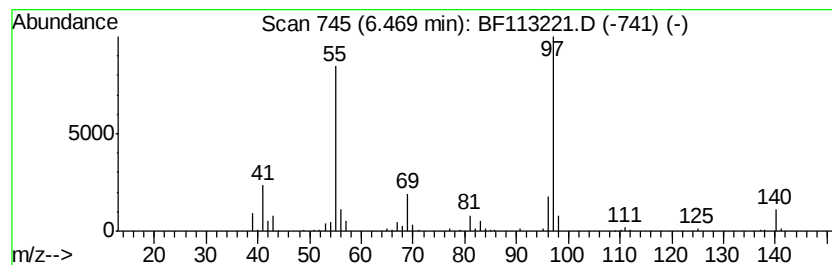
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexane, 1-methyl-2-pro... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	3.68 ng	195903	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	90
2			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	87
3			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	87
4			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	78
5			Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113221.D
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Operator : JU/SJ
Sample : K2004-07 20X
Misc :
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Instrument :
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ClientSampleId :
SB-19B(7-8)

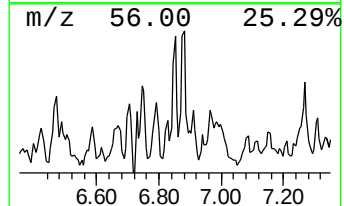
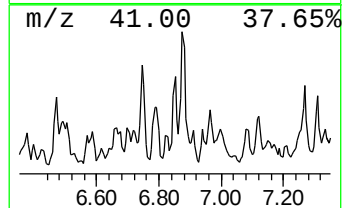
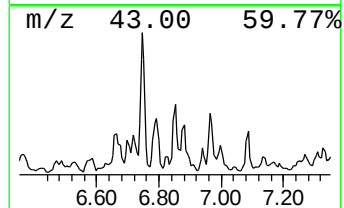
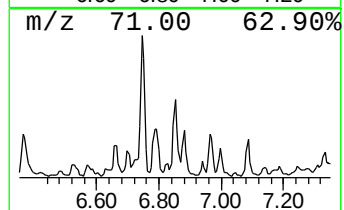
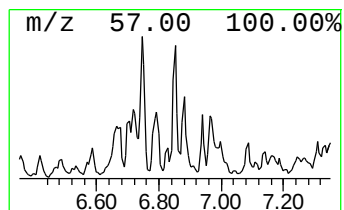
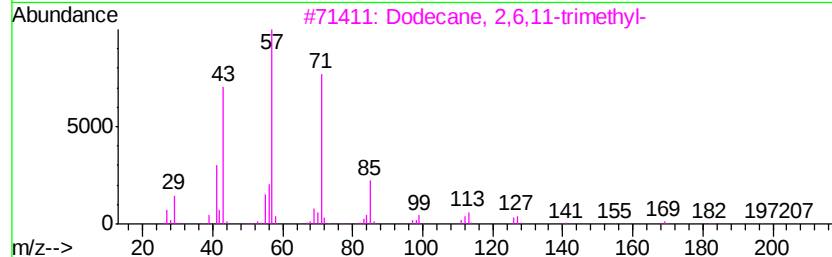
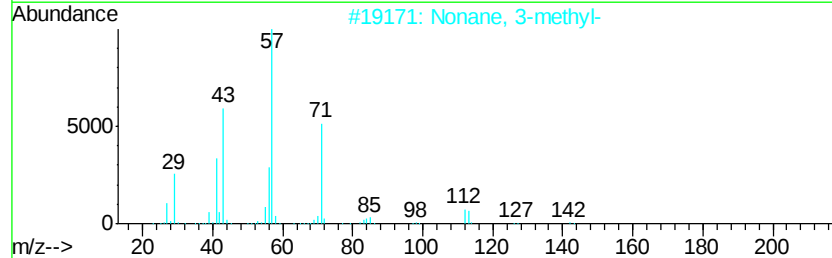
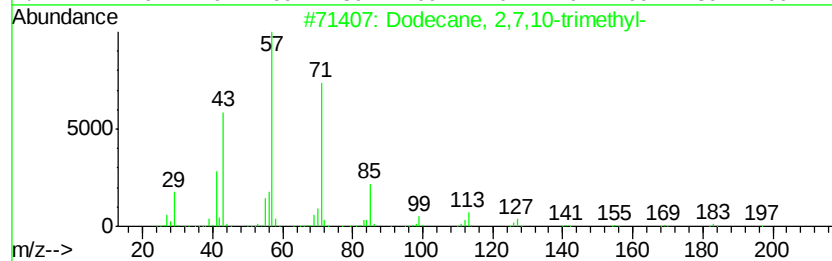
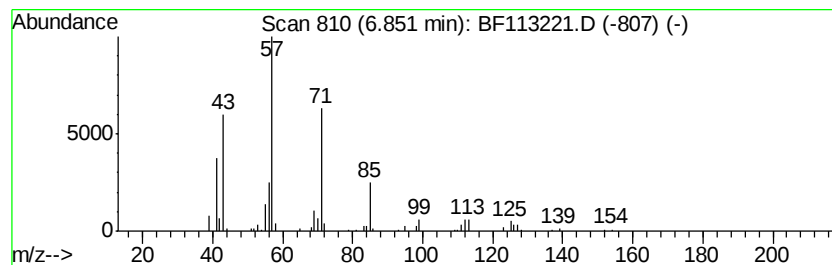
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Dodecane, 2,7,10-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	3.13 ng	166881	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	53
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
5		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
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Instrument :
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SB-19B(7-8)

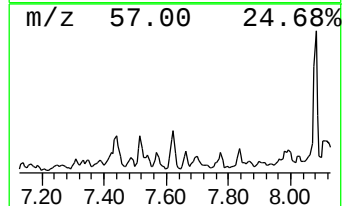
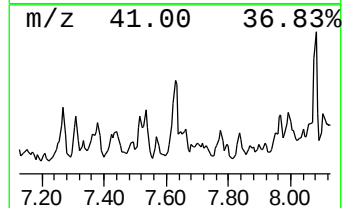
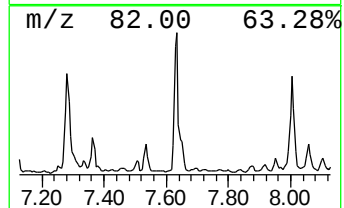
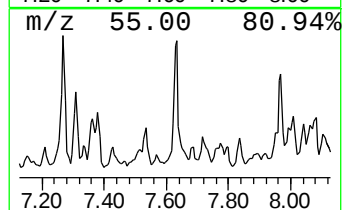
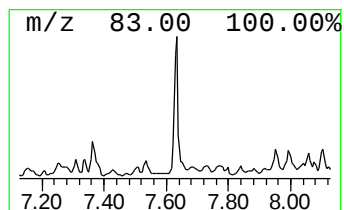
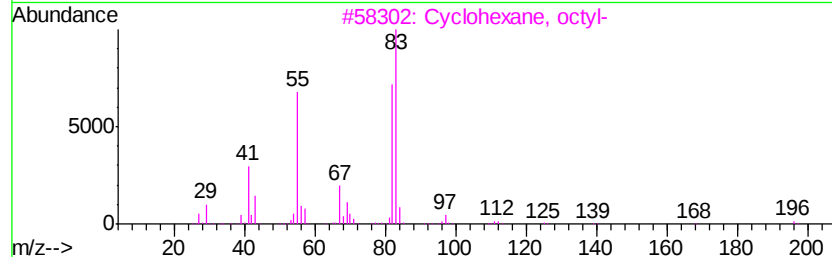
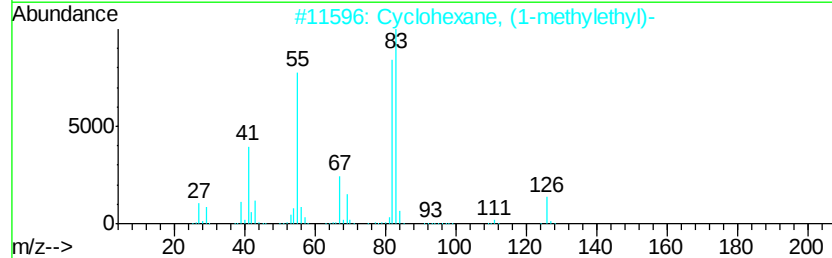
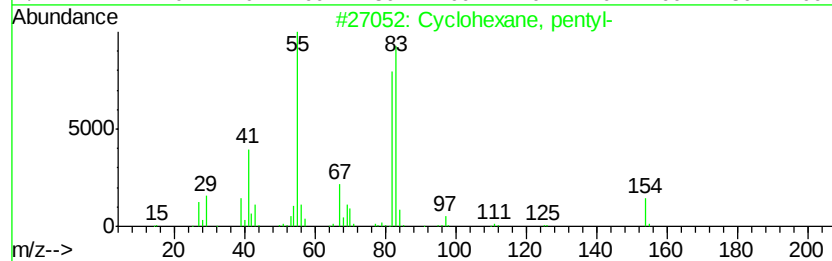
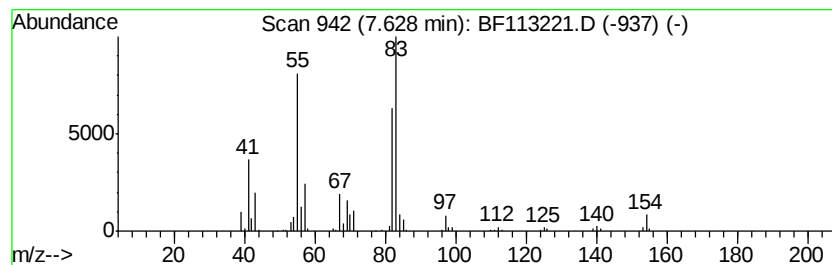
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Cyclohexane, pentyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	3.74 ng	306265	Naphthalene-d8	8.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	90
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
3			Cyclohexane, octyl-	196	C14H28	001795-15-9	86
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	80
5			Cyclohexane, eicosyl-	364	C26H52	004443-55-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113221.D
Acq On : 21 Mar 2019 21:13
Operator : JU/SJ
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ClientSampleId :
SB-19B(7-8)

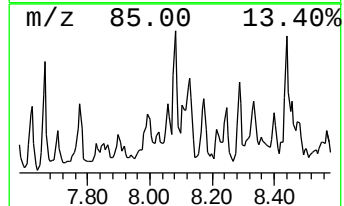
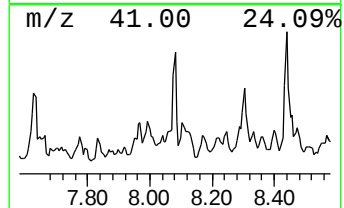
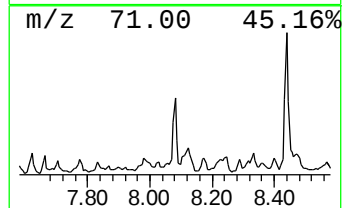
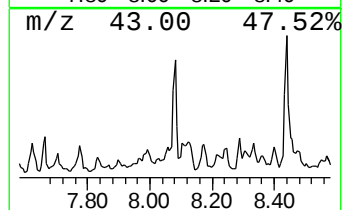
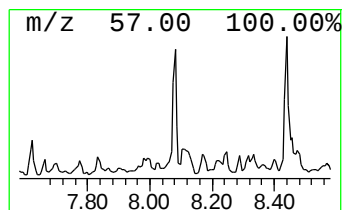
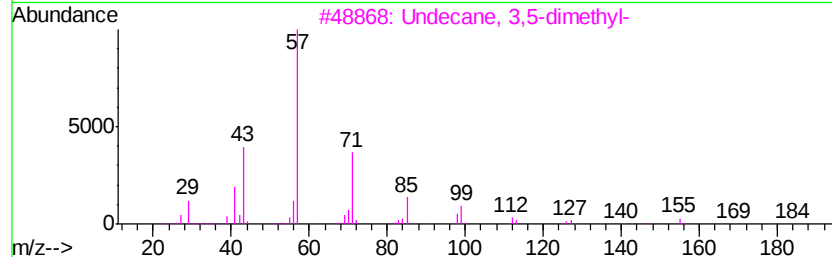
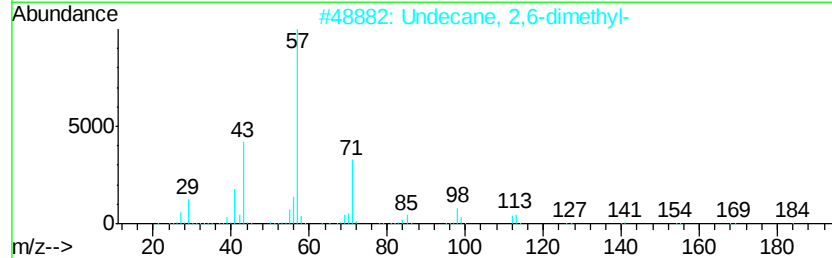
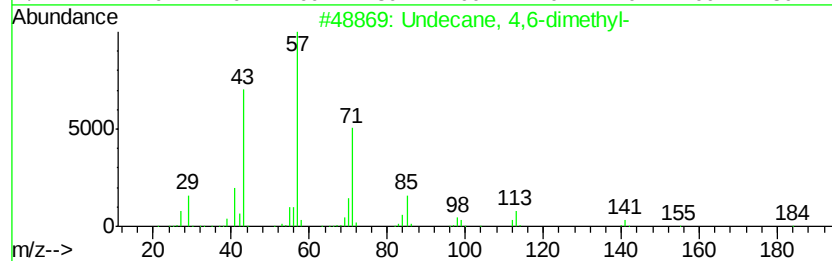
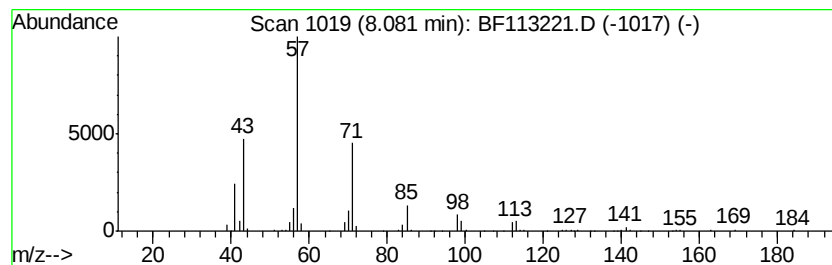
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Undecane, 4,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	3.58 ng	293903	Naphthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	90
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	87
3		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	87
4		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81
5		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
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ALS Vial : 24 Sample Multiplier: 1

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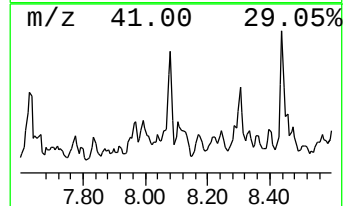
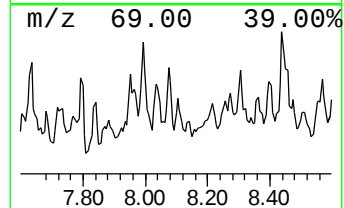
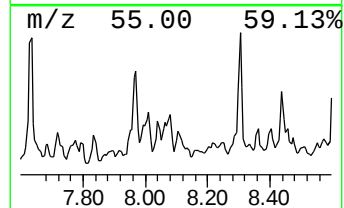
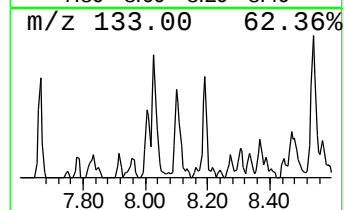
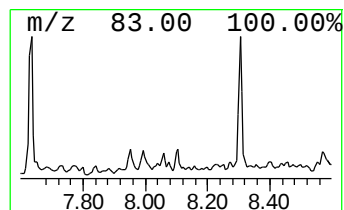
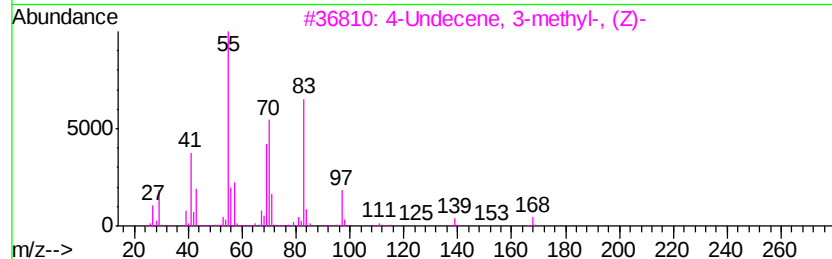
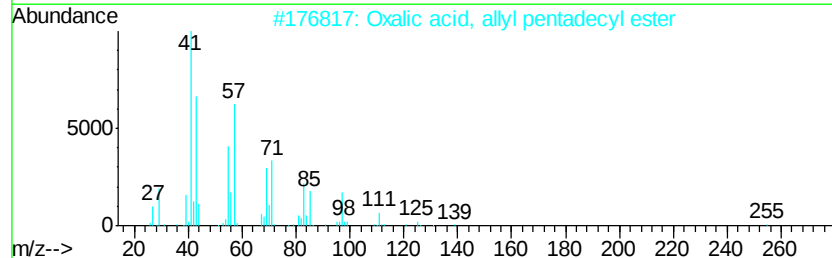
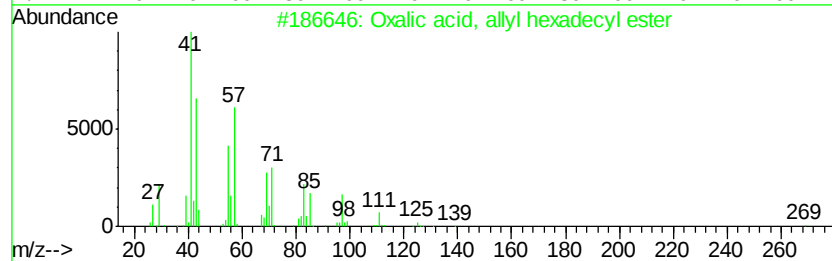
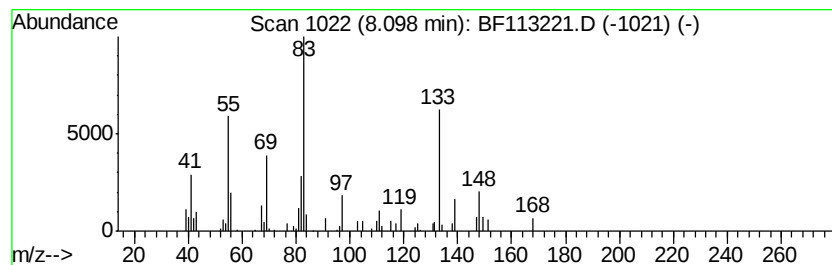
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown8.10 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	3.63 ng	297983	Naphthalene-d8	8.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	43
2			Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	38
3			4-Undecene, 3-methyl-, (Z)-	168	C12H24	074645-87-7	35
4			Oxalic acid, cyclobutyl dodecyl ...	312	C18H32O4	1000309-70-3	35
5			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113221.D
Acq On : 21 Mar 2019 21:13
Operator : JU/SJ
Sample : K2004-07 20X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-19B(7-8)

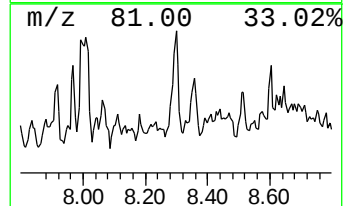
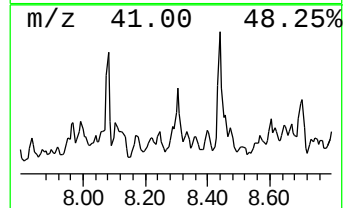
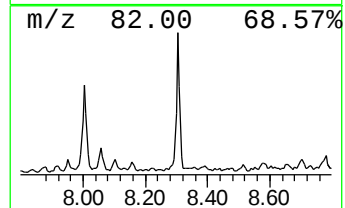
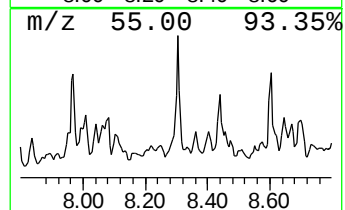
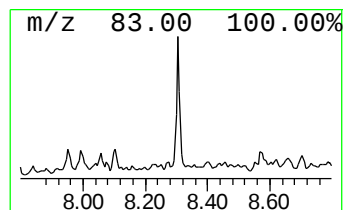
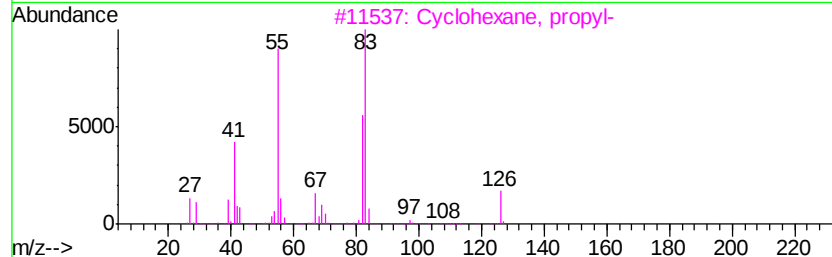
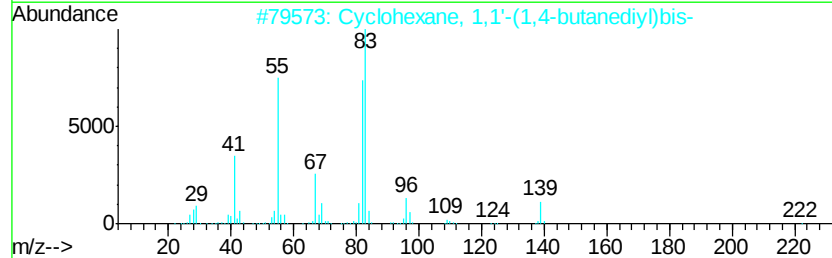
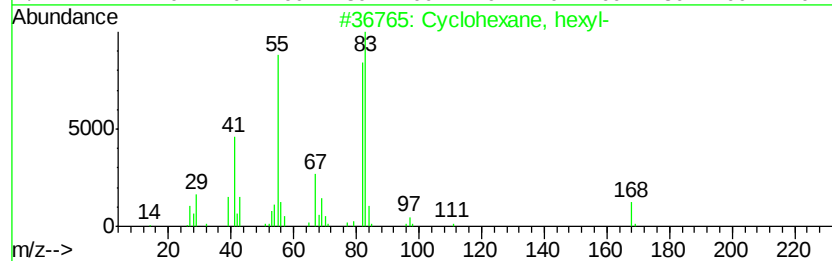
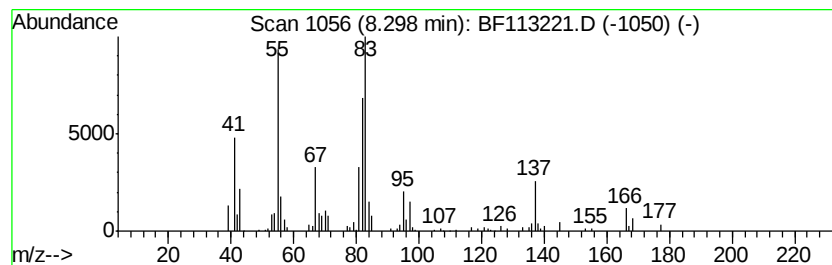
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclohexane, hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	4.50 ng	368734	Naphthalene-d8	8.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, hexyl-	168	C12H24	004292-75-5	90
2			Cyclohexane, 1,1'-(1,4-butanediyl)bis-	222	C16H30	006165-44-2	90
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	87
4			Cyclohexane, octyl-	196	C14H28	001795-15-9	86
5			Cyclohexane, undecyl-	238	C17H34	054105-66-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
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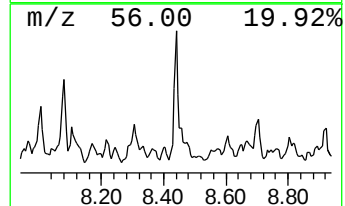
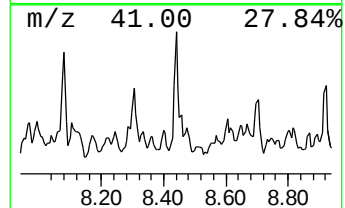
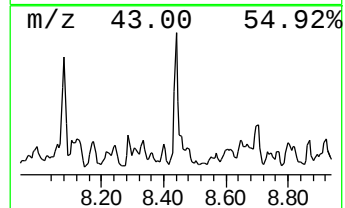
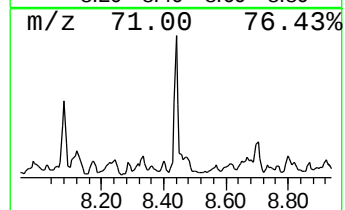
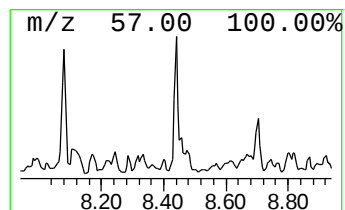
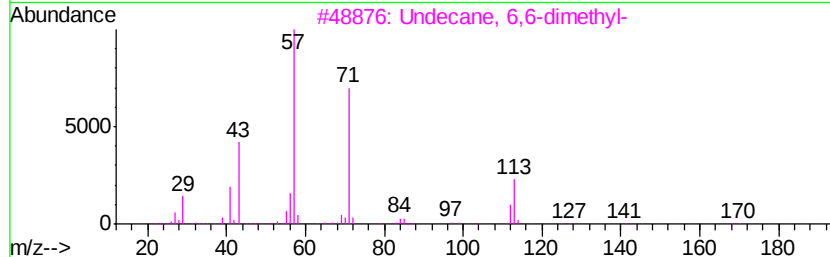
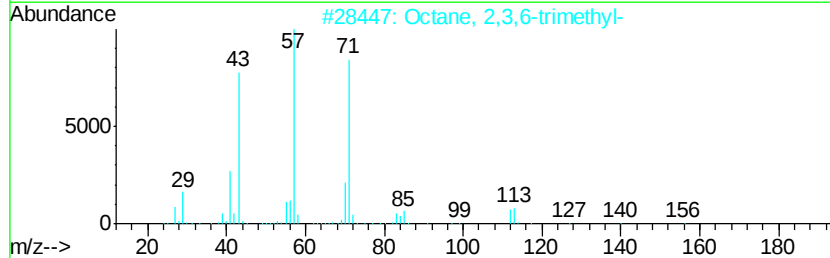
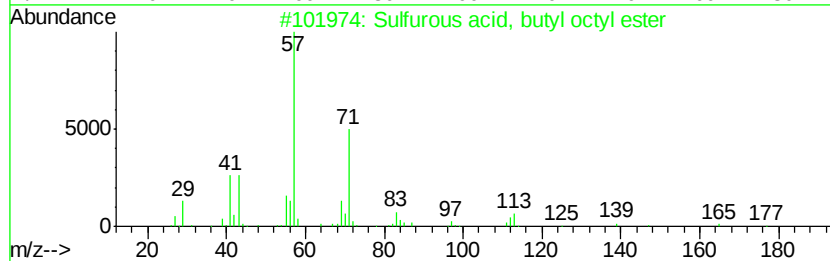
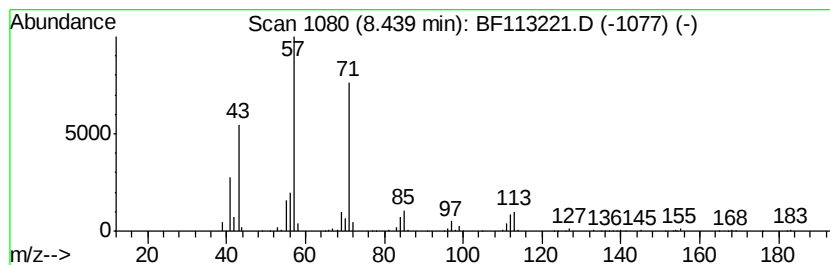
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Sulfurous acid, butyl octyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	6.55 ng	536767	Napthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	78
2		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	72
3		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
4		Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	64
5		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113221.D
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Operator : JU/SJ
Sample : K2004-07 20X
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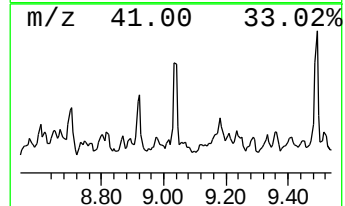
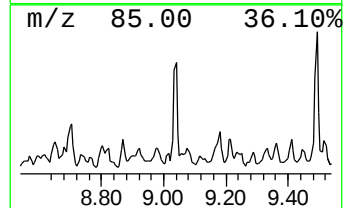
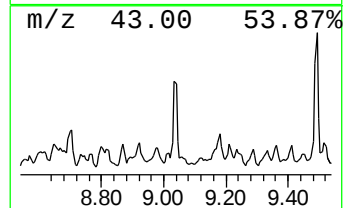
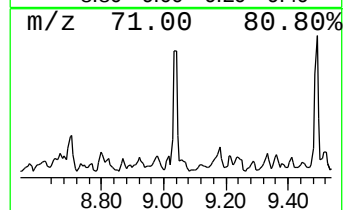
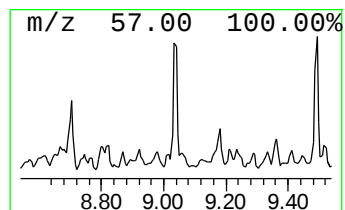
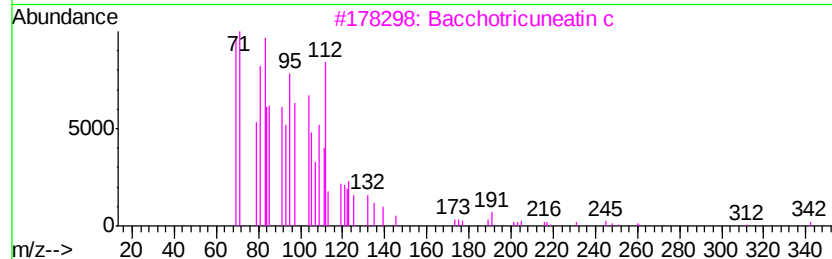
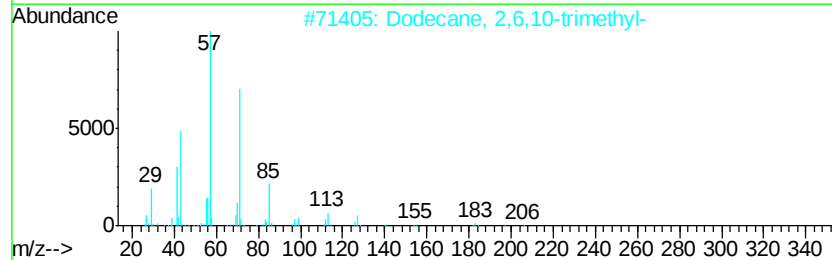
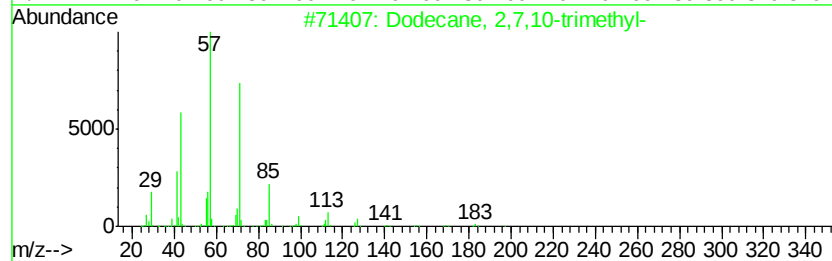
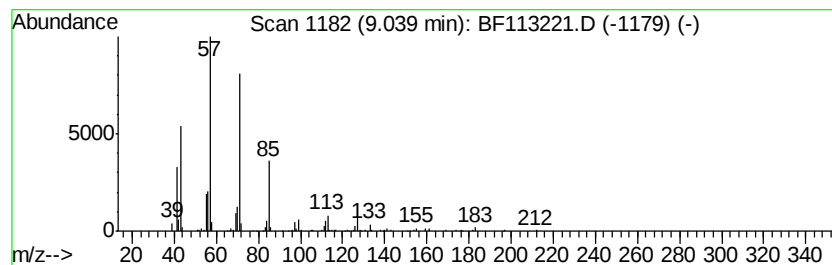
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ClientSampleId :
SB-19B(7-8)

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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 Dodecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.04	5.15 ng	373073	Acenaphthene-d10		9.76
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	87
4	Hentriacontane	437	C31H64	000630-04-6	83
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113221.D
Acq On : 21 Mar 2019 21:13
Operator : JU/SJ
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Instrument :
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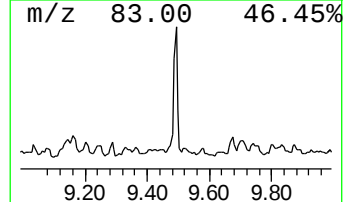
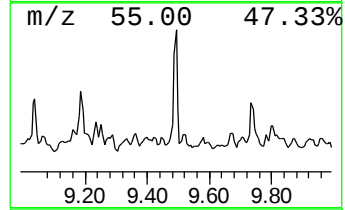
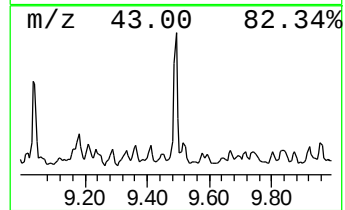
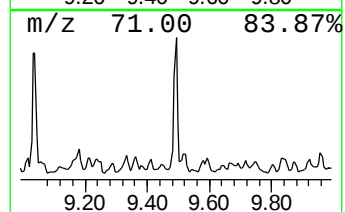
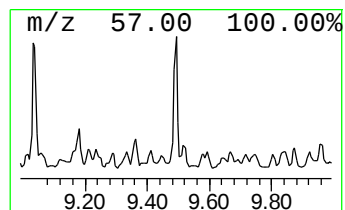
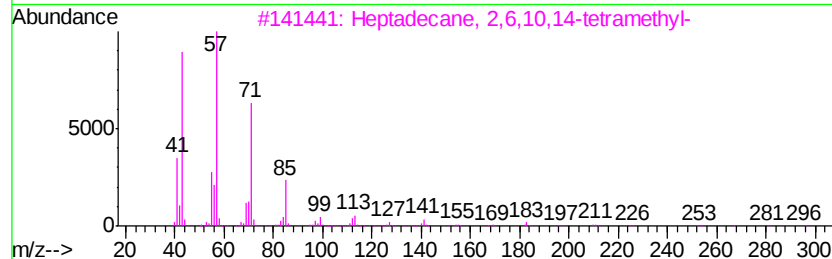
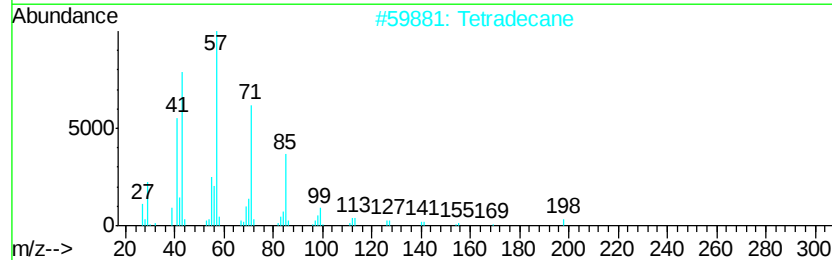
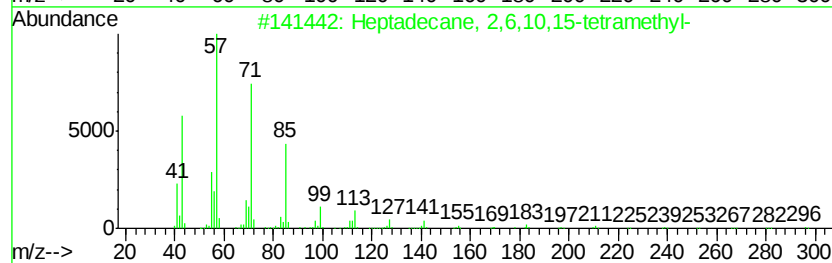
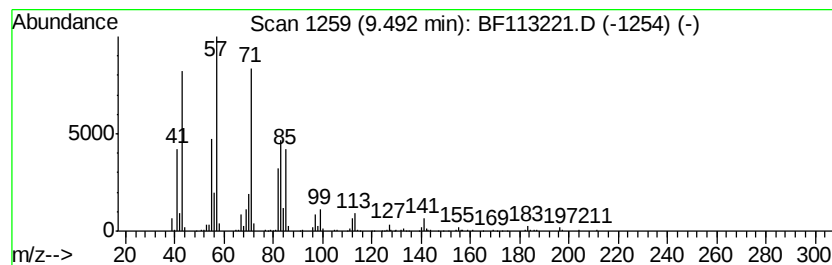
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	7.53 ng	545620	Acenaphthene-d10	9.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
2			Tetradecane	198	C14H30	000629-59-4	58
3			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	49
4			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	49
5			Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113221.D
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Misc :
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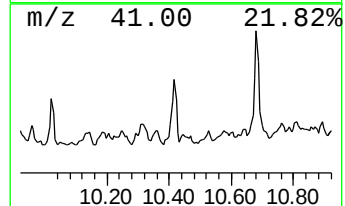
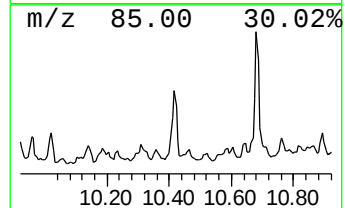
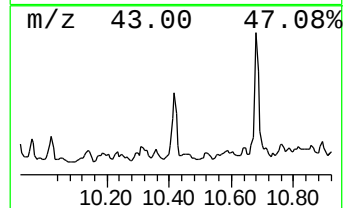
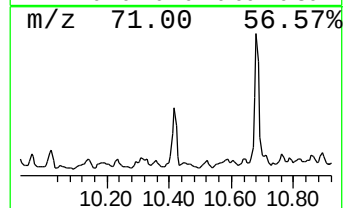
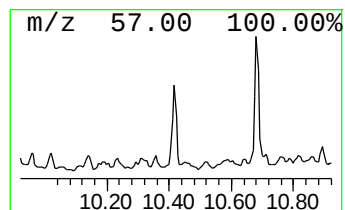
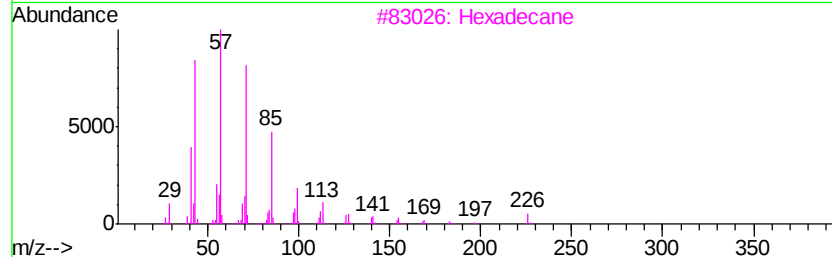
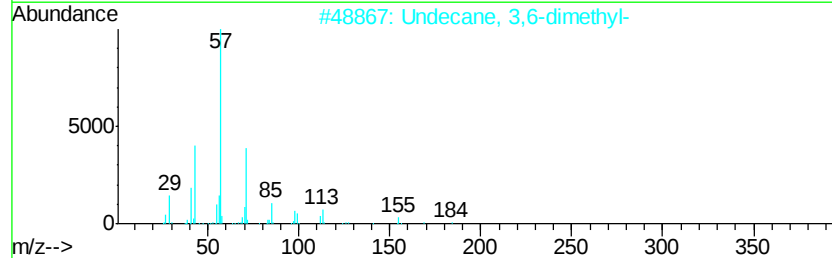
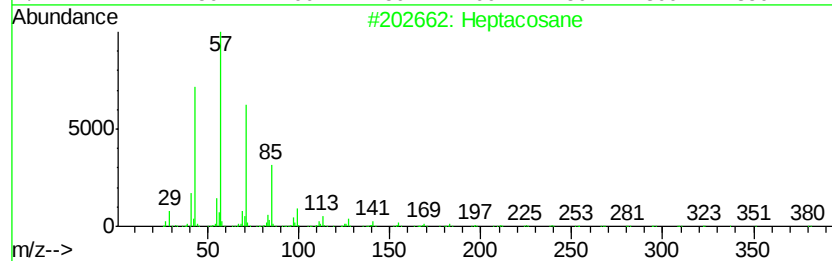
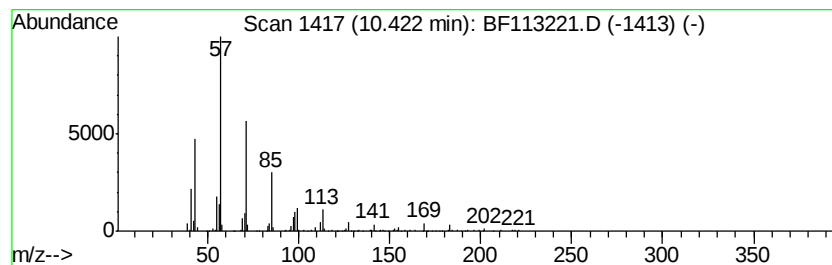
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Heptacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	3.89 ng	281656	Acenaphthene-d10	9.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	87
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81
3			Hexadecane	226	C16H34	000544-76-3	80
4			Hexadecane, 3-methyl-	240	C17H36	006418-43-5	72
5			Bacchotricuneatin c	342	C20H22O5	066563-30-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
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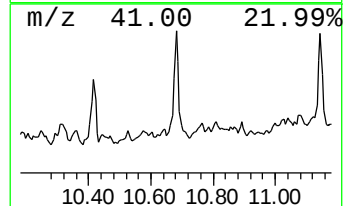
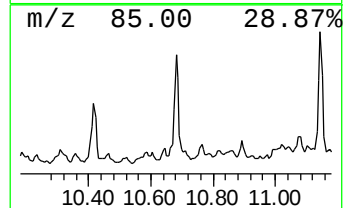
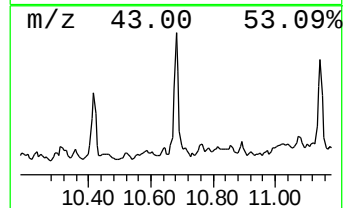
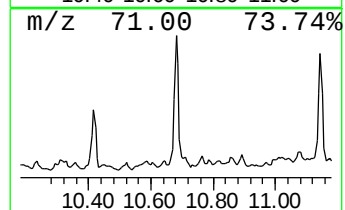
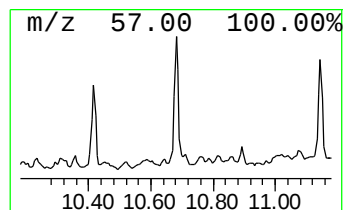
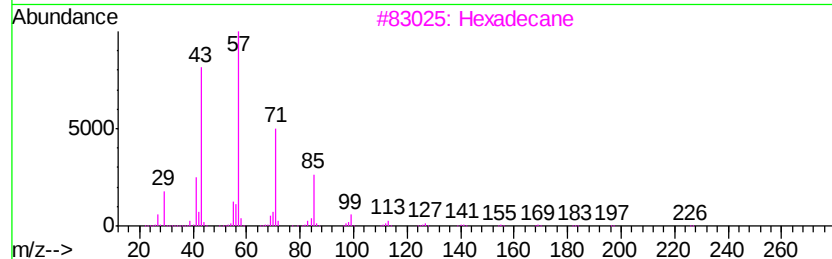
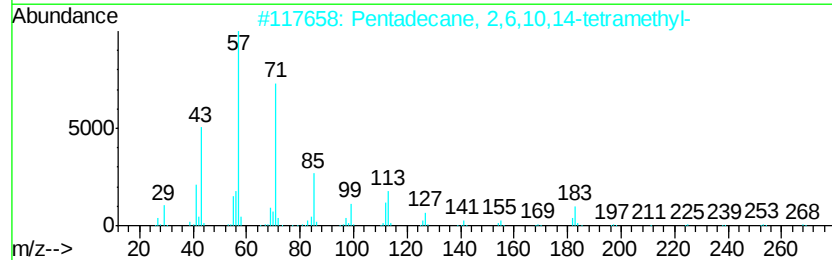
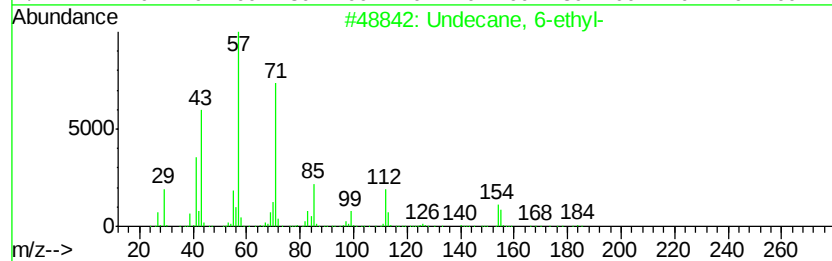
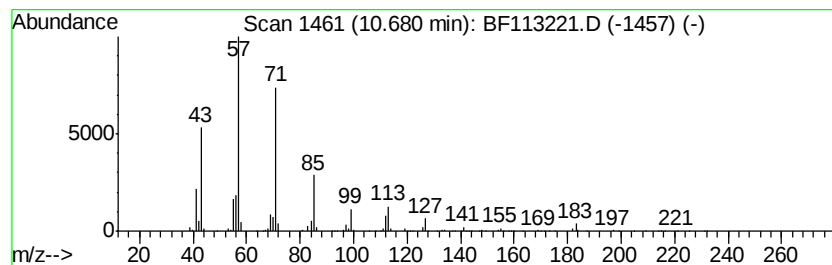
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Undecane, 6-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.68	9.26 ng	607775	Phenanthrene-d10		11.23
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-ethyl-	184	C13H28	017312-60-6	90
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
3	Hexadecane	226	C16H34	000544-76-3	80
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
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Operator : JU/SJ
Sample : K2004-07 20X
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ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :
SB-19B(7-8)

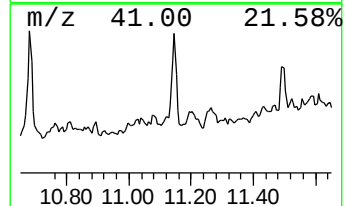
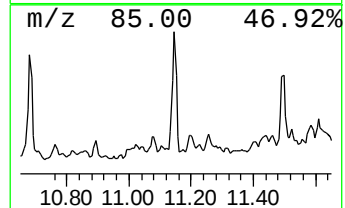
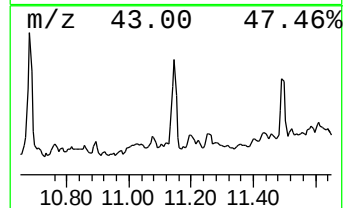
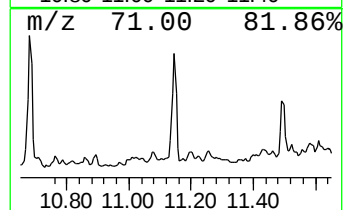
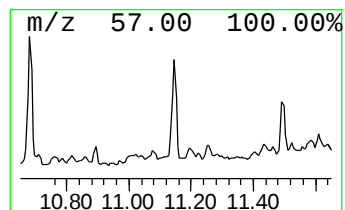
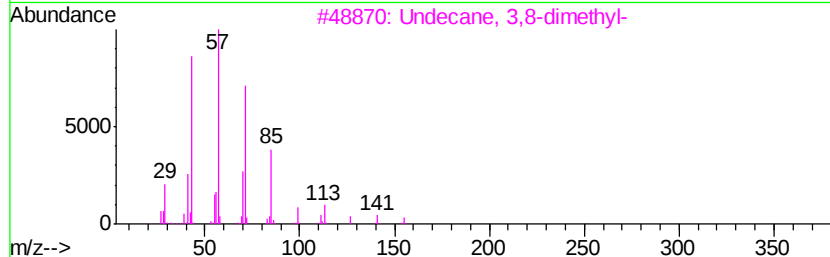
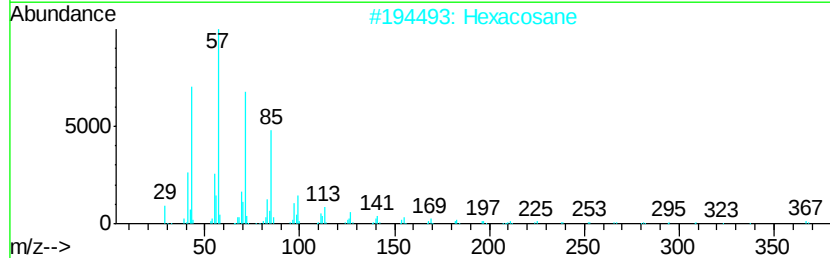
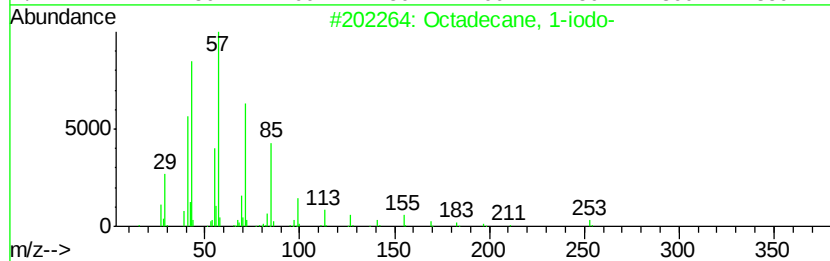
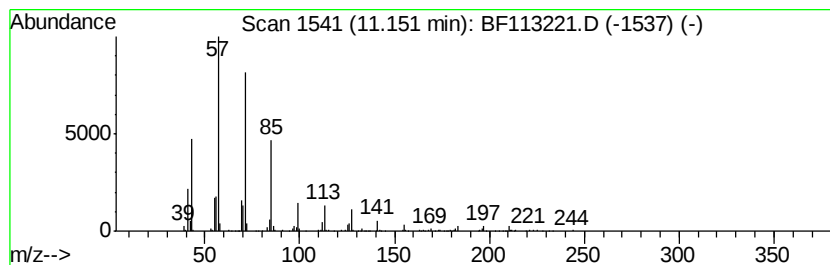
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	7.30 ng	478842	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83
2		Hexacosane	366	C26H54	000630-01-3	83
3		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	83
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
5		Heptacosane	380	C27H56	000593-49-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113221.D
Acq On : 21 Mar 2019 21:13
Operator : JU/SJ
Sample : K2004-07 20X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-19B(7-8)

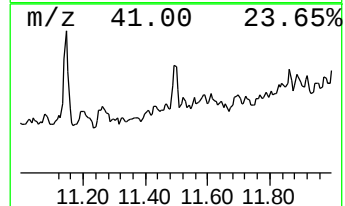
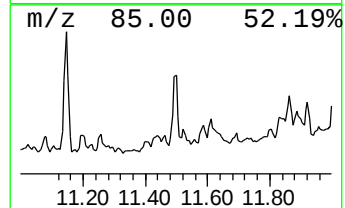
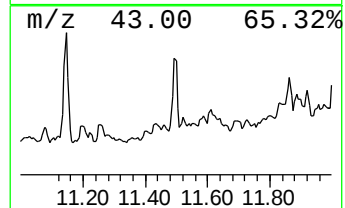
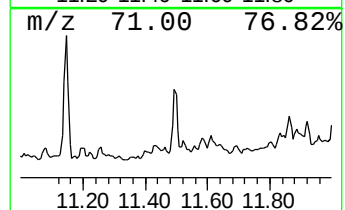
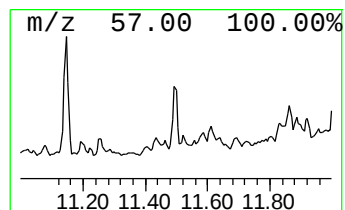
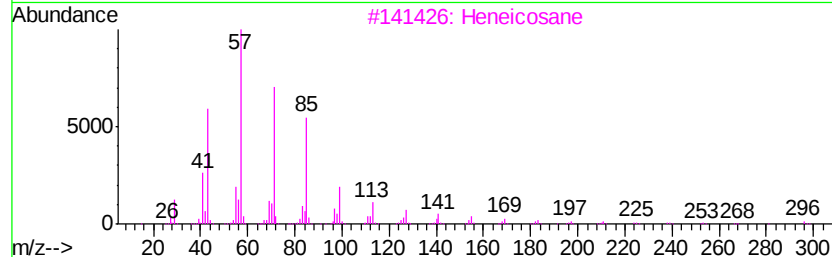
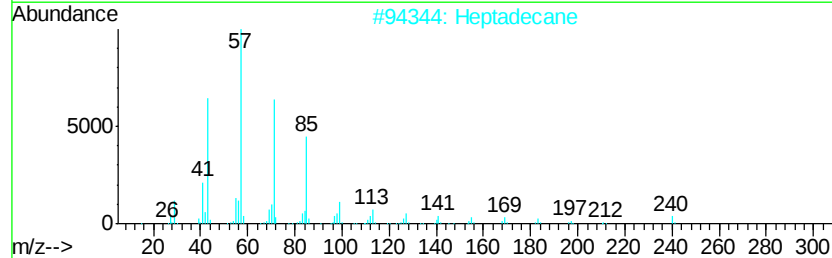
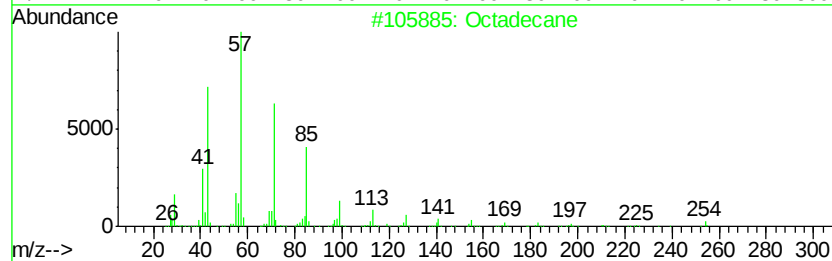
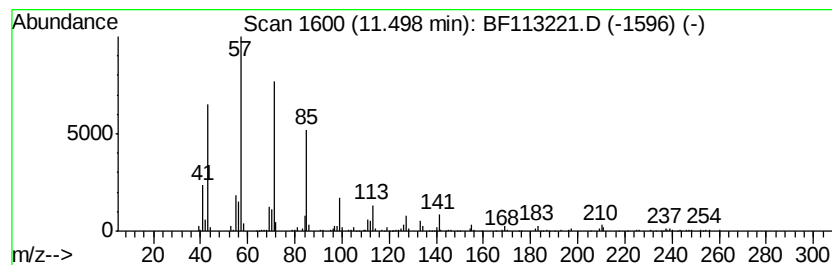
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	4.06 ng	266414	Phenanthrene-d10	11.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	94
2			Heptadecane	240	C17H36	000629-78-7	94
3			Heneicosane	296	C21H44	000629-94-7	91
4			Tetratetracontane	619	C44H90	007098-22-8	91
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
 Data File : BF113221.D
 Acq On : 21 Mar 2019 21:13
 Operator : JU/SJ
 Sample : K2004-07 20X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-19B(7-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown5.73	5.73	4.0	ng	213584	1	6.72	1065330	20.0
unknown5.87	5.87	4.3	ng	227840	1	6.72	1065330	20.0
Tetradecane	5.93	3.1	ng	164412	1	6.72	1065330	20.0
Cyclohexane, propyl-	5.97	4.4	ng	232163	1	6.72	1065330	20.0
Isobutyl nonyl ca...	6.17	5.7	ng	300943	1	6.72	1065330	20.0
Cyclohexane, 1-me...	6.47	3.7	ng	195903	1	6.72	1065330	20.0
Dodecane, 2,7,10-...	6.85	3.1	ng	166881	1	6.72	1065330	20.0
Cyclohexane, pentyl-	7.63	3.7	ng	306265	2	8.00	1639800	20.0
Undecane, 4,6-dim...	8.08	3.6	ng	293903	2	8.00	1639800	20.0
unknown8.10	8.10	3.6	ng	297983	2	8.00	1639800	20.0
Cyclohexane, hexyl-	8.30	4.5	ng	368734	2	8.00	1639800	20.0
Sulfurous acid, b...	8.44	6.5	ng	536767	2	8.00	1639800	20.0
Dodecane, 2,6,10-...	9.04	5.2	ng	373073	3	9.76	1449240	20.0
Heptadecane, 2,6,...	9.49	7.5	ng	545620	3	9.76	1449240	20.0
Heptacosane	10.42	3.9	ng	281656	3	9.76	1449240	20.0
Undecane, 6-ethyl-	10.68	9.3	ng	607775	4	11.23	1312110	20.0
Octadecane, 1-iodo-	11.15	7.3	ng	478842	4	11.23	1312110	20.0
Octadecane	11.50	4.1	ng	266414	4	11.23	1312110	20.0