

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
 Data File : BF113864.D
 Acq On : 19 Apr 2019 17:47
 Operator : JU/SJ
 Sample : K2193-09 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-041719-B

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-BF041819.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.516	579	583	590	rVB	807051	698954	26.01%	1.687%
2	5.828	633	636	643	rVB	141377	132098	4.91%	0.319%
3	6.163	690	693	700	rVB3	156397	209511	7.80%	0.506%
4	6.351	721	725	729	rBV3	124213	166648	6.20%	0.402%
5	6.410	734	735	738	rVB	140598	103322	3.84%	0.249%
6	6.445	738	741	743	rBV3	272744	267451	9.95%	0.646%
7	6.516	748	753	759	rBV3	871942	957845	35.64%	2.312%
8	6.592	763	766	768	rBV2	122752	109296	4.07%	0.264%
9	6.669	772	779	782	rBV	958192	989292	36.81%	2.388%
10	6.745	788	792	795	rBV	1104745	952920	35.46%	2.300%
11	6.851	803	810	812	rBV5	71098	128055	4.76%	0.309%
12	6.904	816	819	821	rVV	1204030	1064863	39.62%	2.570%
13	6.922	821	822	827	rVB2	313887	235042	8.75%	0.567%
14	6.963	827	829	834	rVB2	258337	277610	10.33%	0.670%
15	7.022	837	839	842	rVB2	114373	107161	3.99%	0.259%
16	7.057	842	845	849	rBV	1019204	867775	32.29%	2.095%
17	7.139	857	859	861	rBV2	114605	120231	4.47%	0.290%
18	7.186	863	867	869	rVB3	466116	482357	17.95%	1.164%
19	7.216	869	872	875	rBV2	388016	425126	15.82%	1.026%
20	7.245	875	877	881	rVB2	358911	295879	11.01%	0.714%
21	7.298	882	886	890	rBV3	506735	546701	20.34%	1.320%
22	7.333	890	892	896	rVB3	82993	96045	3.57%	0.232%
23	7.451	906	912	916	rBV3	616195	1002490	37.30%	2.420%
24	7.504	916	921	925	rVB	1861085	1661604	61.82%	4.011%
25	7.557	925	930	933	rVB3	343607	510635	19.00%	1.233%
26	7.592	933	936	937	rBV2	183919	215343	8.01%	0.520%
27	7.616	937	940	943	rVB4	160294	185249	6.89%	0.447%
28	7.663	945	948	951	rVV3	82788	116916	4.35%	0.282%
29	7.698	951	954	955	rVV2	188764	234960	8.74%	0.567%
30	7.716	955	957	960	rVB	353896	270458	10.06%	0.653%
31	7.792	966	970	971	rBV2	190303	198682	7.39%	0.480%
32	7.810	971	973	975	rVV2	322041	231317	8.61%	0.558%
33	7.833	975	977	980	rVB2	287432	245420	9.13%	0.592%
34	7.875	980	984	986	rVB3	360698	407664	15.17%	0.984%

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M

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35	7.904	986	989	991	rBV2	487074	416971	15.51%	1.007%
36	7.928	991	993	994	rVV2	294463	290412	10.81%	0.701%
37	7.939	994	995	1000	rVB3	495047	488882	18.19%	1.180%
38	7.986	1000	1003	1005	rBV2	347486	337207	12.55%	0.814%
39	8.004	1005	1006	1008	rVV2	134412	109866	4.09%	0.265%
40	8.028	1008	1010	1013	rVB	328603	265379	9.87%	0.641%
41	8.057	1013	1015	1019	rBV2	166222	185348	6.90%	0.447%
42	8.092	1019	1021	1025	rBV3	113526	115513	4.30%	0.279%
43	8.145	1025	1030	1032	rBV4	217166	349125	12.99%	0.843%
44	8.175	1032	1035	1040	rVV2	2087742	2687669	100.00%	6.488%
45	8.251	1043	1048	1051	rVB2	705348	769939	28.65%	1.859%
46	8.280	1051	1053	1056	rBV4	241574	232049	8.63%	0.560%
47	8.345	1061	1064	1066	rBV4	144600	165786	6.17%	0.400%
48	8.386	1069	1071	1075	rVB4	231277	262157	9.75%	0.633%
49	8.480	1082	1087	1094	rVB5	544995	820520	30.53%	1.981%
50	8.533	1094	1096	1099	rVB3	419327	380217	14.15%	0.918%
51	8.569	1099	1102	1105	rBV2	503702	496923	18.49%	1.200%
52	8.610	1106	1109	1111	rVV	603633	568357	21.15%	1.372%
53	8.633	1111	1113	1115	rVV2	203375	168480	6.27%	0.407%
54	8.657	1115	1117	1119	rVB	222795	181561	6.76%	0.438%
55	8.692	1119	1123	1126	rBV2	507212	475236	17.68%	1.147%
56	8.733	1128	1130	1132	rBV2	127550	102183	3.80%	0.247%
57	8.780	1135	1138	1142	rBV	1554232	1299864	48.36%	3.138%
58	8.822	1142	1145	1146	rVV3	141663	164214	6.11%	0.396%
59	8.845	1147	1149	1151	rVV3	285225	263403	9.80%	0.636%
60	8.880	1151	1155	1157	rVB3	262793	293573	10.92%	0.709%
61	8.939	1162	1165	1167	rBV3	134835	110448	4.11%	0.267%
62	8.980	1167	1172	1173	rBV6	97775	167992	6.25%	0.406%
63	9.010	1174	1177	1181	rVV4	304740	370341	13.78%	0.894%
64	9.063	1184	1186	1190	rVV4	209162	334579	12.45%	0.808%
65	9.098	1190	1192	1193	rVV2	191409	169635	6.31%	0.409%
66	9.133	1196	1198	1199	rVV	148516	143947	5.36%	0.347%
67	9.145	1199	1200	1204	rVB2	272293	189680	7.06%	0.458%
68	9.186	1204	1207	1209	rBV	273878	217314	8.09%	0.525%
69	9.210	1209	1211	1216	rVB3	391604	431096	16.04%	1.041%
70	9.257	1216	1219	1224	rVB	903213	739430	27.51%	1.785%
71	9.345	1231	1234	1239	rBV	1060194	932264	34.69%	2.250%

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72	9.392	1239	1242	1243	rVV2	93343	108835	4.05%	0.263%
73	9.416	1243	1246	1251	rVB4	201176	283172	10.54%	0.684%
74	9.463	1252	1254	1258	rVB4	98116	95535	3.55%	0.231%
75	9.504	1258	1261	1262	rBV2	91328	95359	3.55%	0.230%
76	9.598	1271	1277	1279	rBV7	207128	321602	11.97%	0.776%
77	9.622	1279	1281	1284	rVV3	213175	195568	7.28%	0.472%
78	9.669	1284	1289	1291	rVV3	329851	530444	19.74%	1.280%
79	9.686	1291	1292	1295	rVV2	235892	195388	7.27%	0.472%
80	9.722	1296	1298	1301	rVV2	178668	172271	6.41%	0.416%
81	9.874	1321	1324	1327	rVB	560088	429933	16.00%	1.038%
82	9.939	1332	1335	1338	rVV	1433952	1214527	45.19%	2.932%
83	10.110	1360	1364	1366	rVV3	82093	120721	4.49%	0.291%
84	10.139	1367	1369	1375	rVV6	94531	151627	5.64%	0.366%
85	10.198	1377	1379	1383	rVV4	84318	114506	4.26%	0.276%
86	10.269	1387	1391	1397	rBV5	55786	105304	3.92%	0.254%
87	10.374	1403	1409	1412	rBV	273380	255627	9.51%	0.617%
88	10.598	1441	1447	1451	rBV	89650	131932	4.91%	0.318%
89	10.722	1464	1468	1472	rBV	503279	434888	16.18%	1.050%
90	10.845	1487	1489	1497	rVB	169115	213182	7.93%	0.515%
91	11.427	1584	1588	1590	rBV	1485217	1311653	48.80%	3.166%
92	11.451	1590	1592	1595	rVV	317393	259701	9.66%	0.627%
93	11.951	1674	1677	1681	rVB2	122045	123971	4.61%	0.299%
94	12.533	1771	1776	1780	rVV2	77471	98258	3.66%	0.237%
95	12.657	1793	1797	1800	rBV	513656	454182	16.90%	1.096%
96	12.892	1832	1837	1840	rBV	384003	418848	15.58%	1.011%
97	13.045	1860	1863	1868	rVB	979849	869185	32.34%	2.098%
98	14.221	2058	2063	2066	rBV	1335468	1491776	55.50%	3.601%
99	14.251	2066	2068	2072	rVB	146737	124602	4.64%	0.301%
100	15.898	2344	2348	2353	rVB	698891	891976	33.19%	2.153%

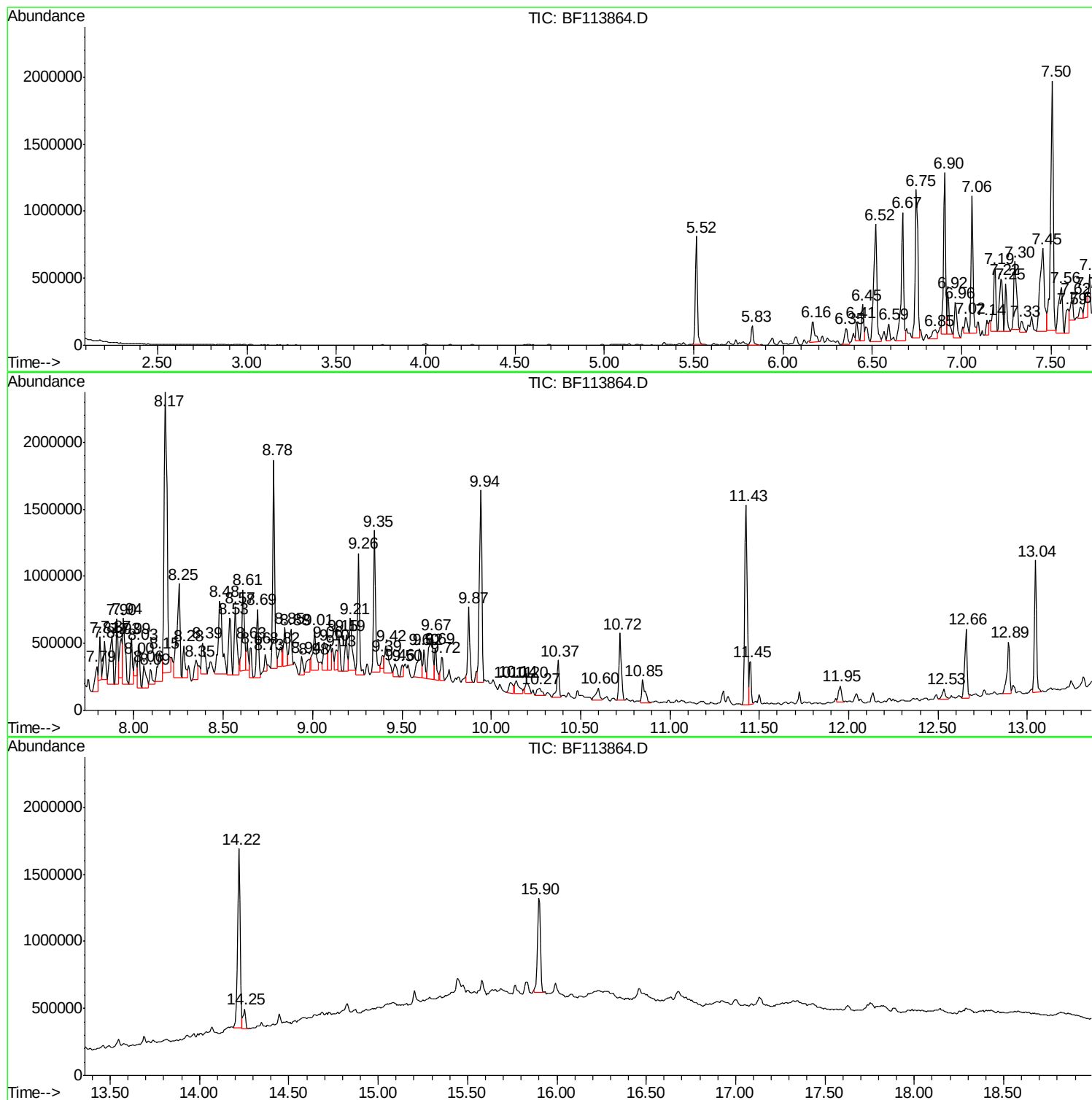
Sum of corrected areas: 41427053

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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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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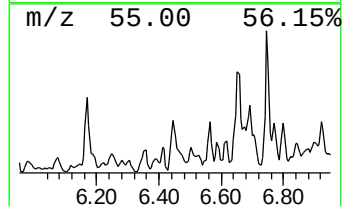
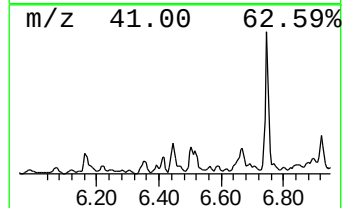
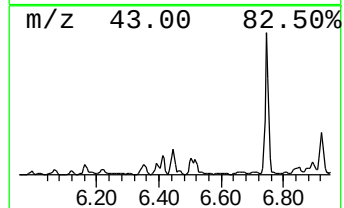
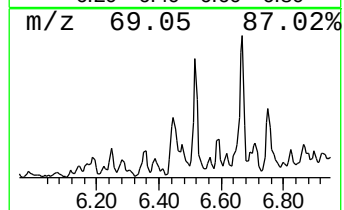
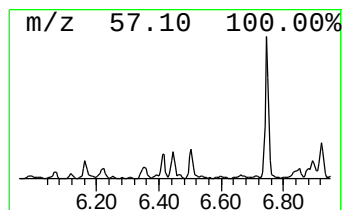
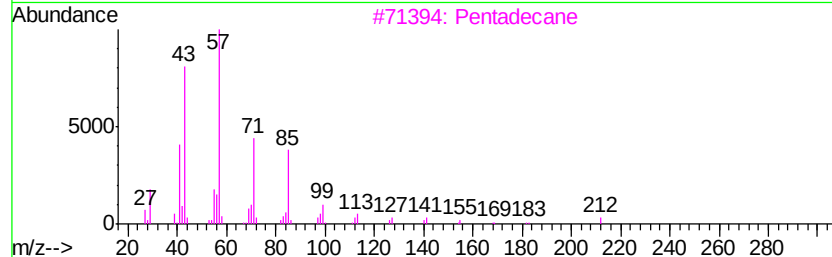
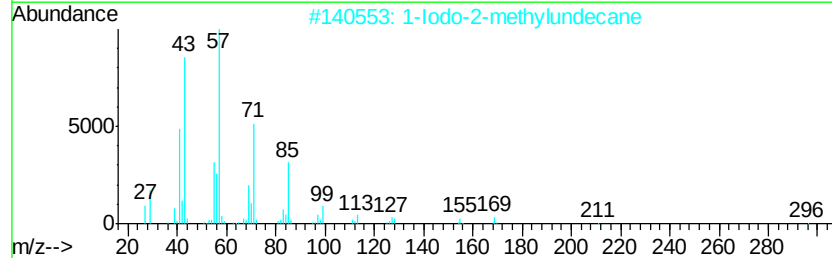
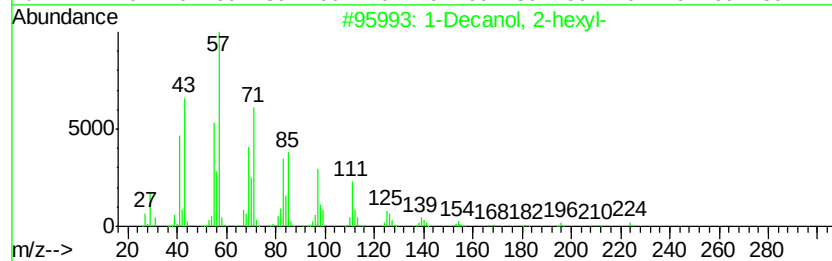
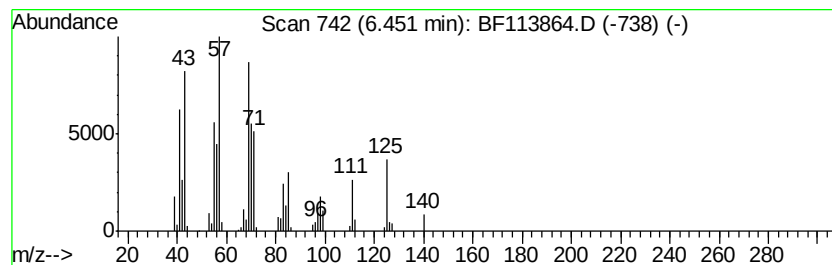
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1-Decanol, 2-hexyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.45	5.02 ng	267451	1,4-Dichlorobenzene-d4	6.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	72
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	53
3	Pentadecane	212	C15H32	000629-62-9	47
4	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	47
5	Eicosane	282	C20H42	000112-95-8	43



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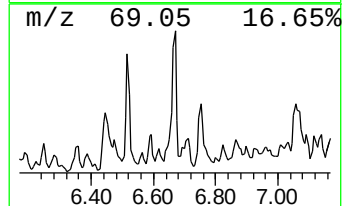
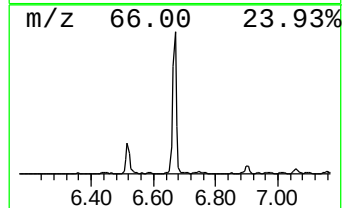
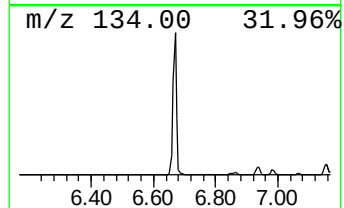
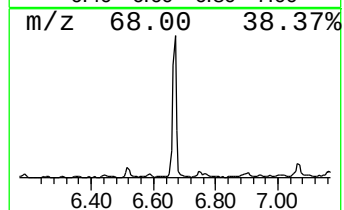
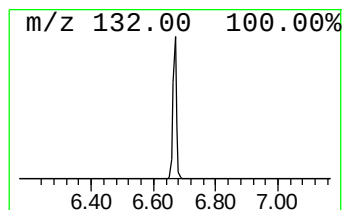
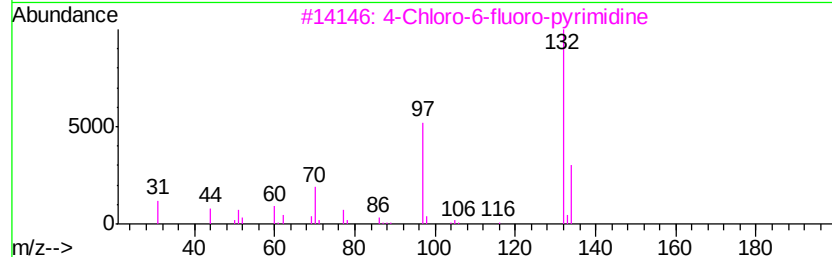
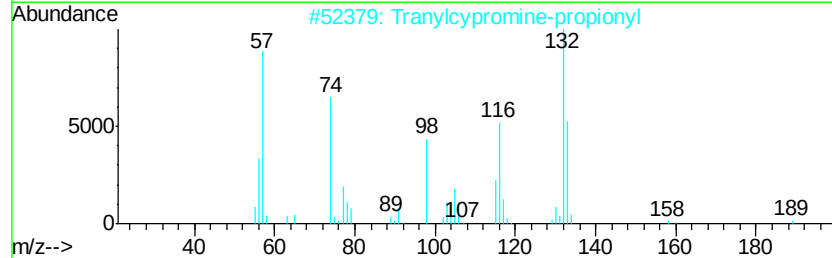
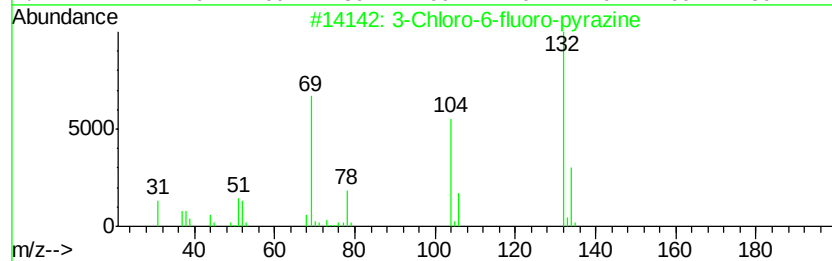
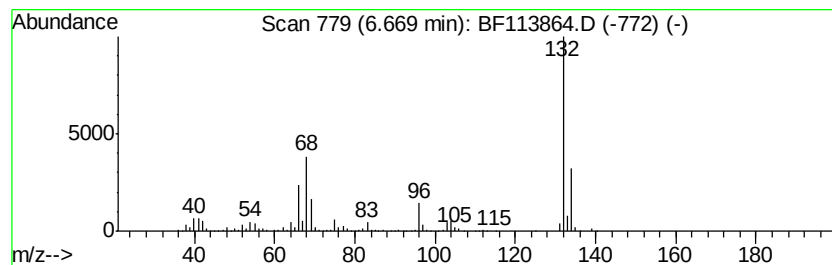
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.67 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	18.58 ng	989292	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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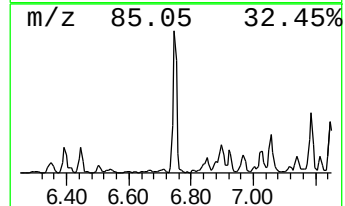
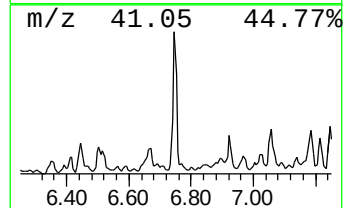
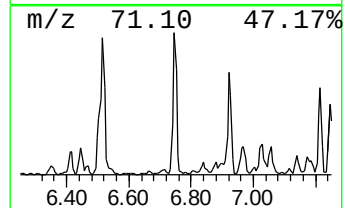
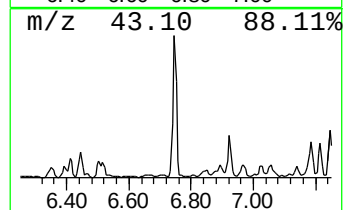
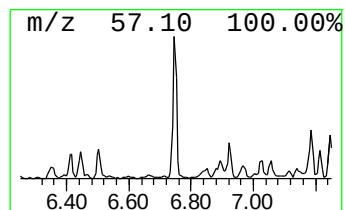
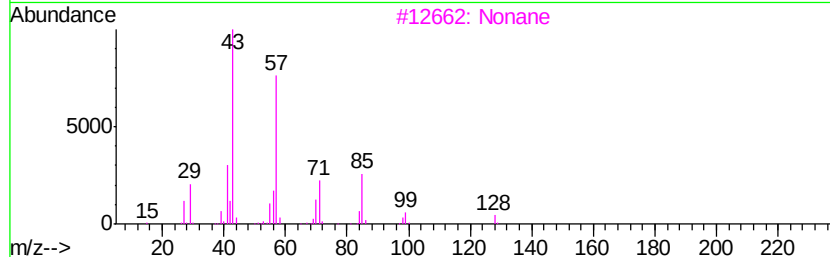
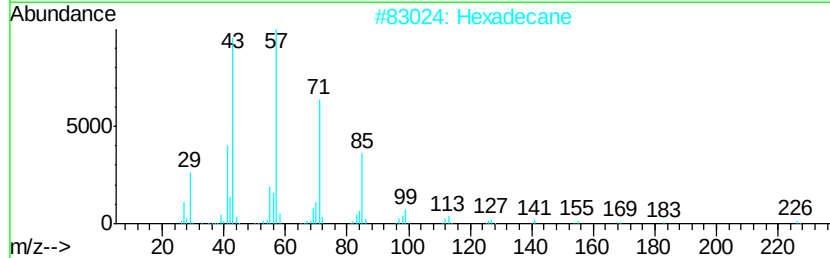
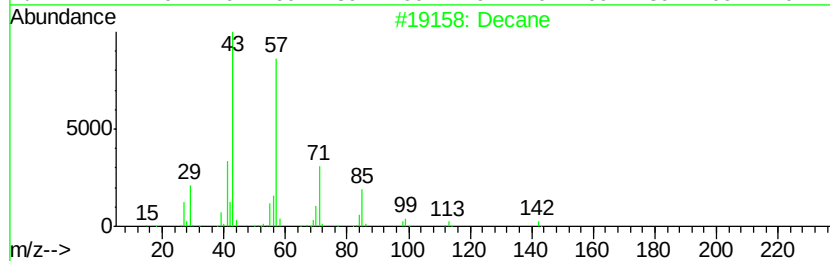
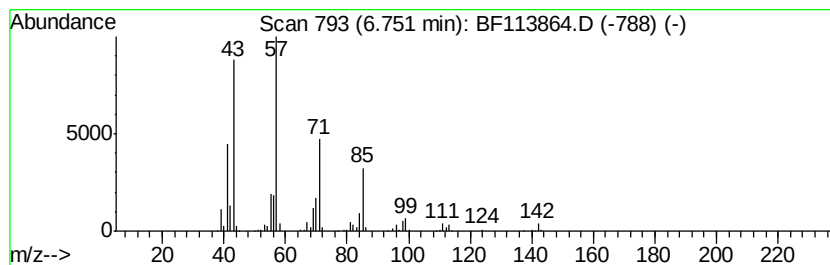
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Decane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	17.90 ng	952920	1,4-Dichlorobenzene-d4	6.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	94
2	Hexadecane		226	C16H34	000544-76-3	83
3	Nonane		128	C9H20	000111-84-2	80
4	Tridecane		184	C13H28	000629-50-5	78
5	Undecane		156	C11H24	001120-21-4	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113864.D
Acq On : 19 Apr 2019 17:47
Operator : JU/SJ
Sample : K2193-09 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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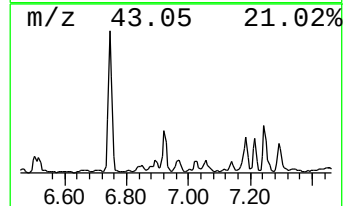
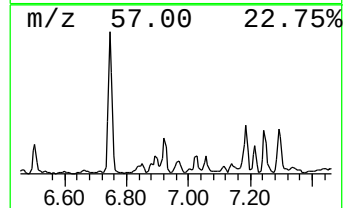
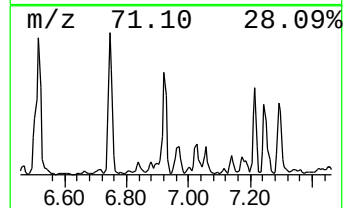
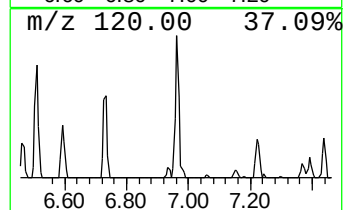
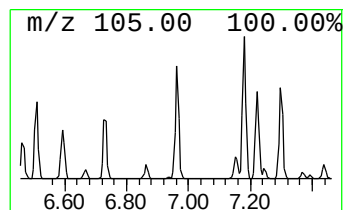
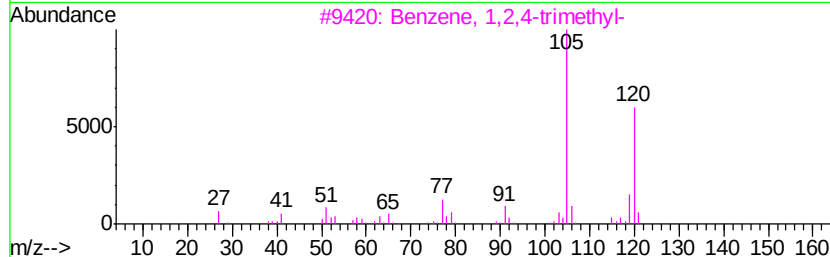
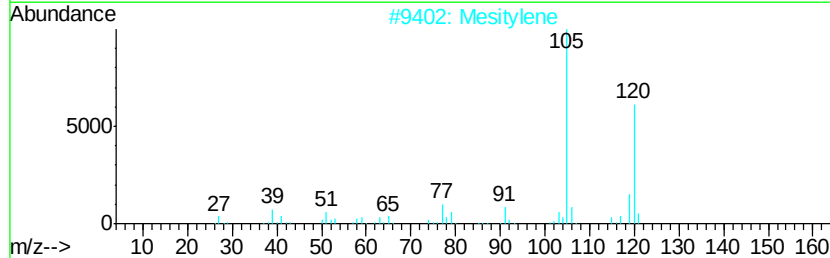
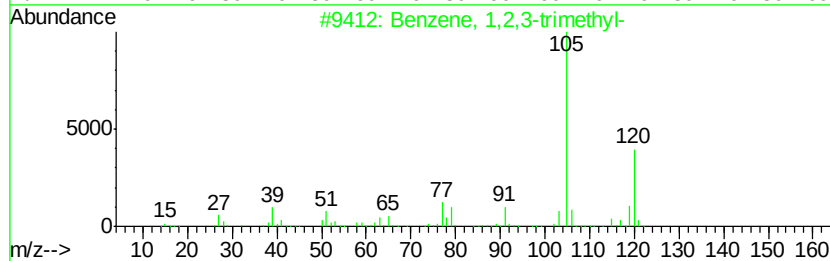
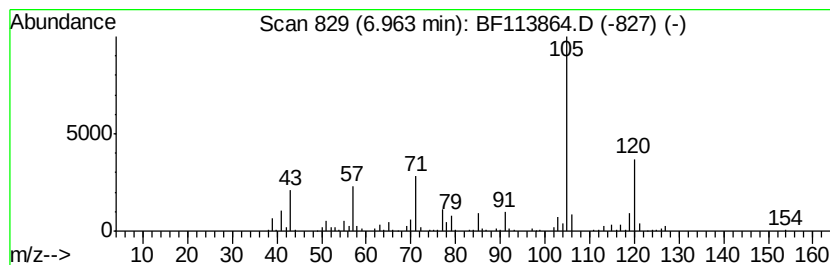
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	5.21 ng	277610	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	92
2			Mesitylene	120	C9H12	000108-67-8	70
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	70
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	70
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
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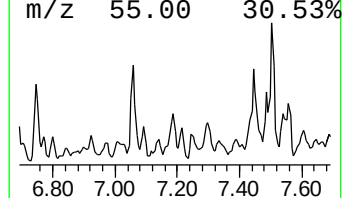
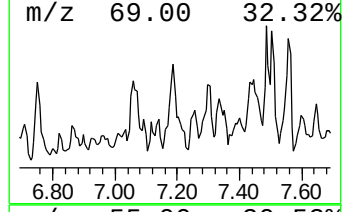
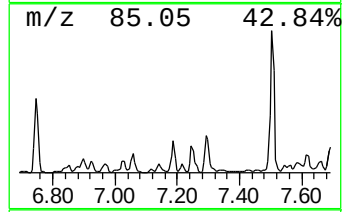
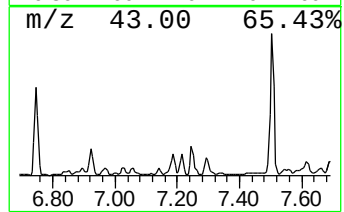
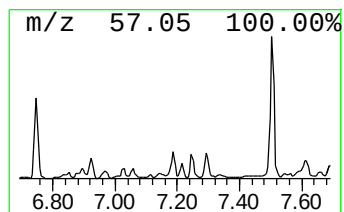
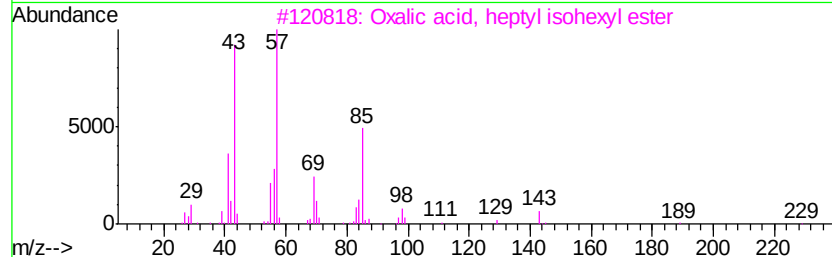
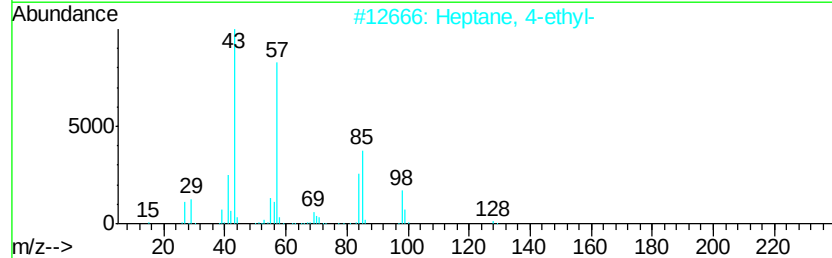
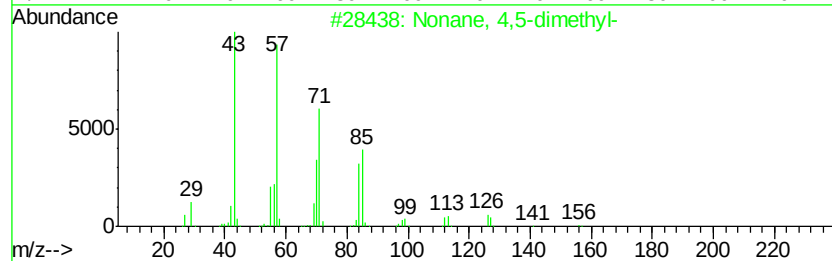
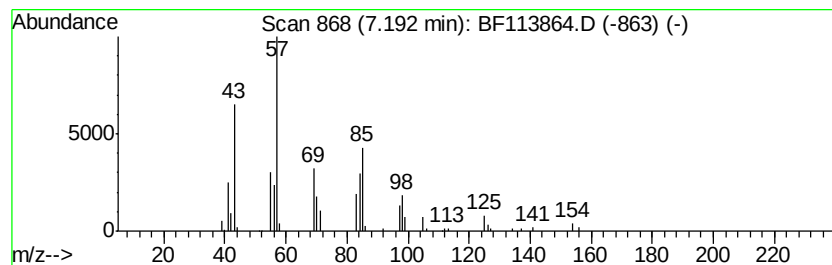
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Nonane, 4,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	9.06 ng	482357	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	58
2		Heptane, 4-ethyl-	128	C9H20	002216-32-2	53
3		Oxalic acid, heptyl isohexyl ester	272	C15H28O4	1000309-33-1	50
4		Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	47
5		Pentane, 3-ethyl-2,3-dimethyl-	128	C9H20	016747-33-4	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
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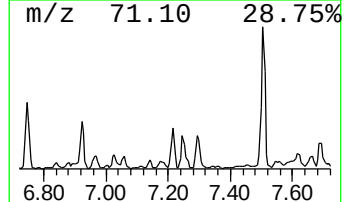
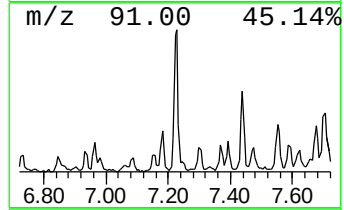
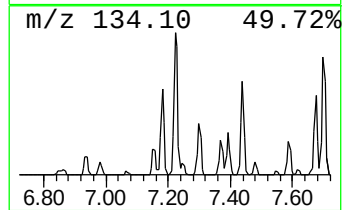
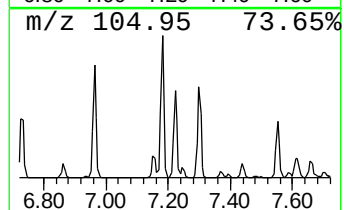
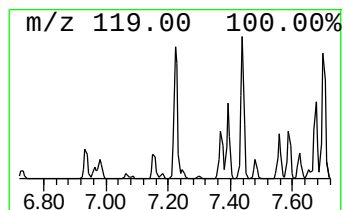
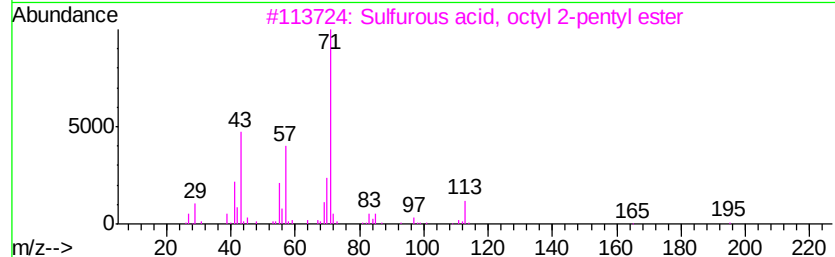
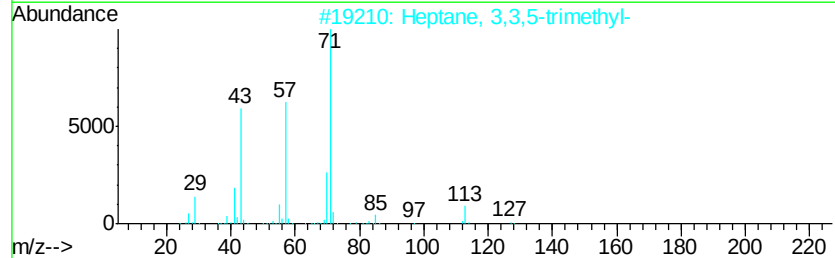
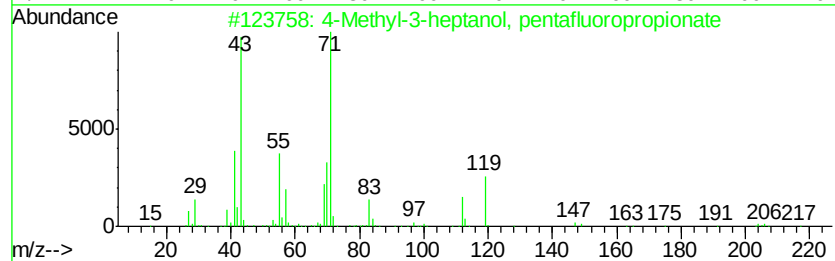
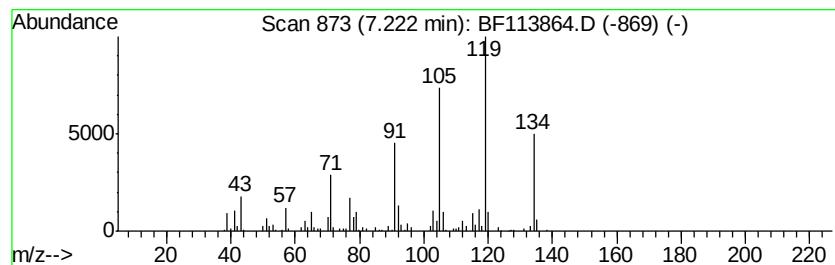
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4-Methyl-3-heptanol, pentafluoro... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	7.98 ng	425126	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	53
2		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	43
3		Sulfurous acid, octyl 2-pentyl e...	264	C13H28O3S	1000309-15-7	43
4		2,2'-Bifuran, octahydro-	142	C8H14O2	001592-33-2	43
5		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	43



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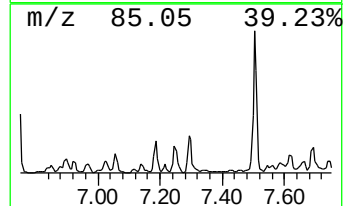
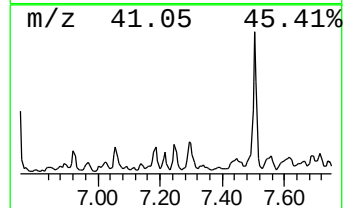
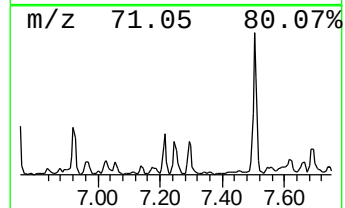
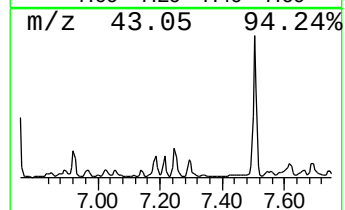
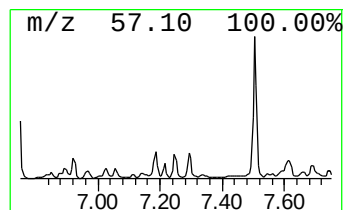
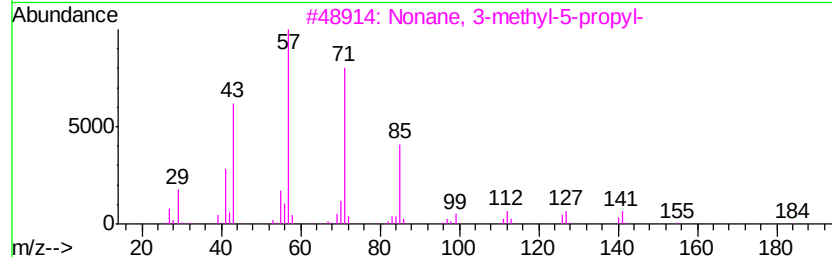
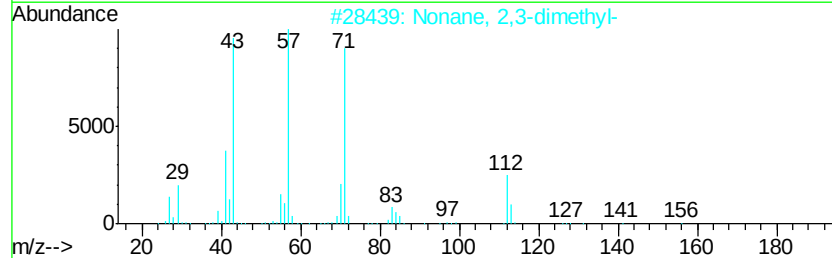
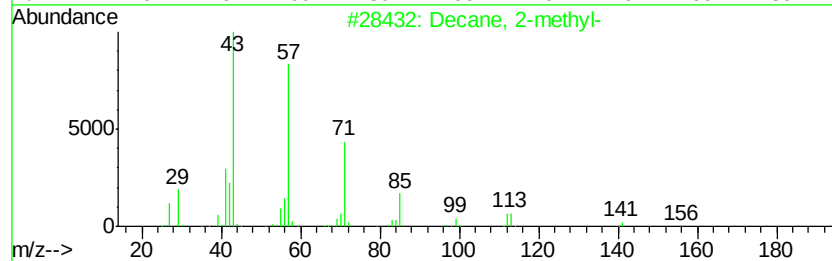
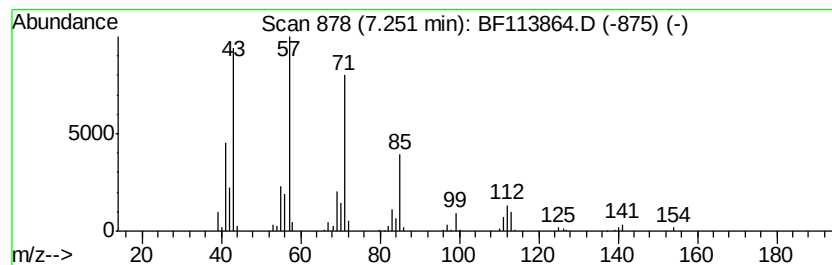
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Decane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	5.56 ng	295879	1,4-Dichlorobenzene-d4	6.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	74	
2	Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	59	
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59	
4	Octadecane	254	C18H38	000593-45-3	59	
5	Tridecane	184	C13H28	000629-50-5	59	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
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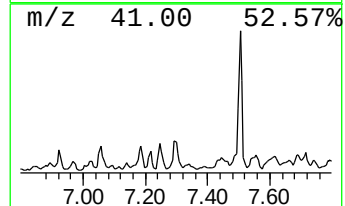
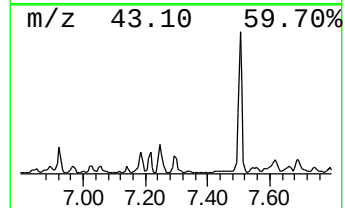
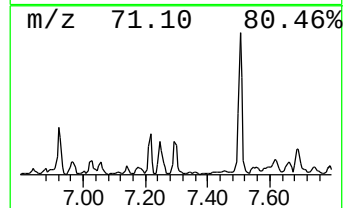
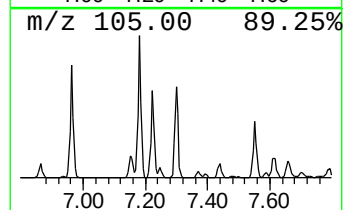
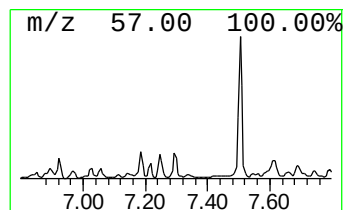
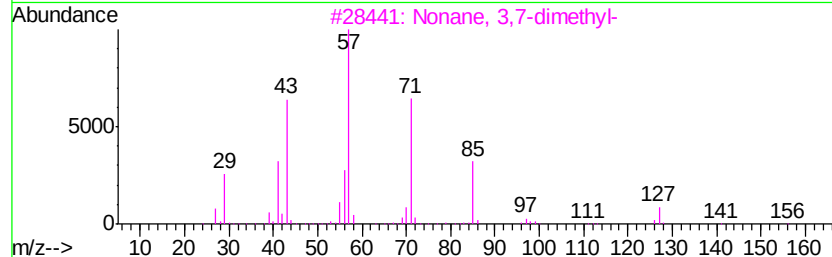
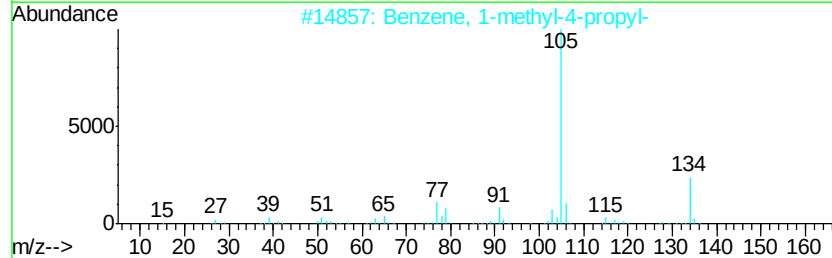
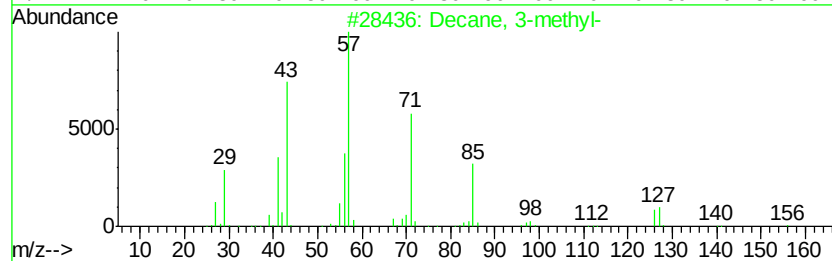
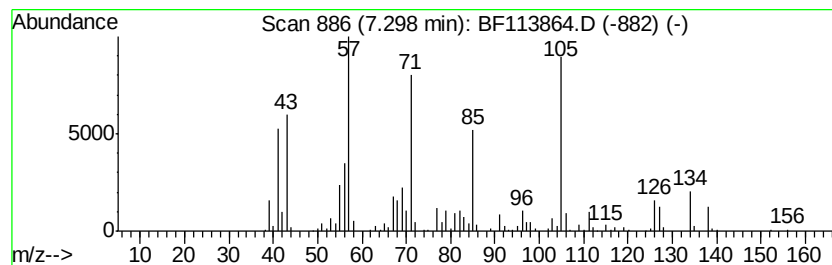
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	10.27 ng	546701	1,4-Dichlorobenzene-d4	6.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 3-methyl-	156 C11H24	013151-34-3	60
2	Benzene, 1-methyl-4-propyl-	134 C10H14	001074-55-1	56
3	Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8	49
4	1-Iodo-2-methylnonane	268 C10H21I	1000101-47-9	47
5	Nonane, 5-butyl-	184 C13H28	017312-63-9	43



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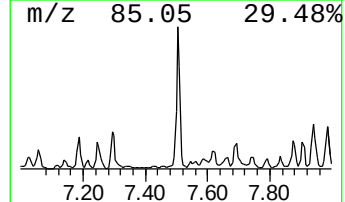
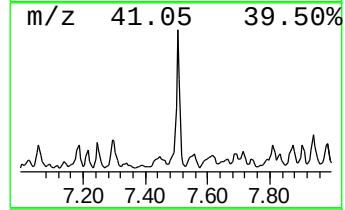
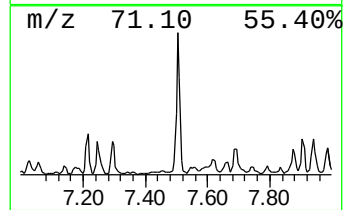
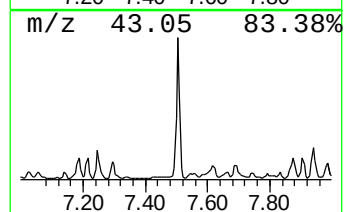
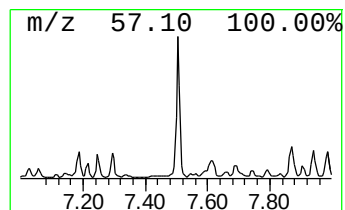
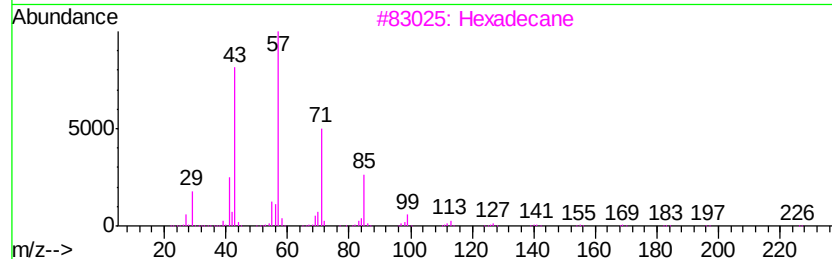
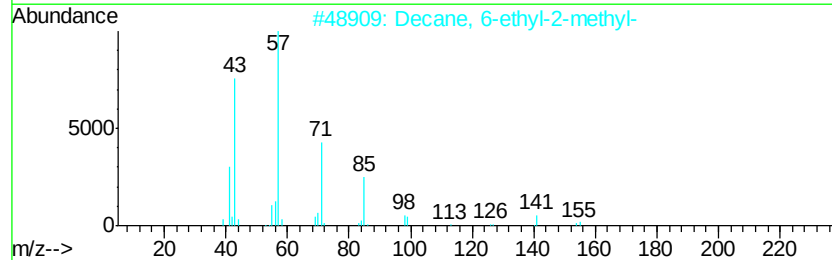
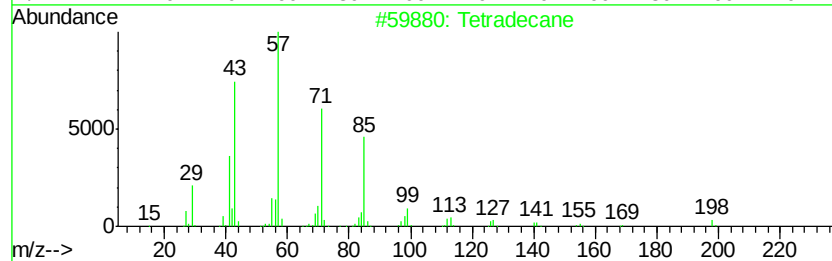
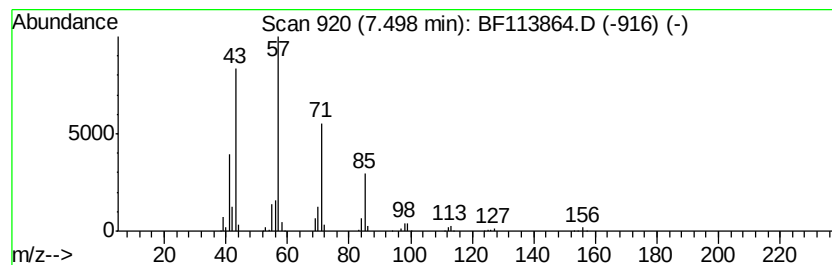
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	31.21 ng	1661600	1,4-Dichlorobenzene-d4	6.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	83
2		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83
3		Hexadecane	226	C16H34	000544-76-3	78
4		Undecane	156	C11H24	001120-21-4	76
5		Nonane	128	C9H20	000111-84-2	64



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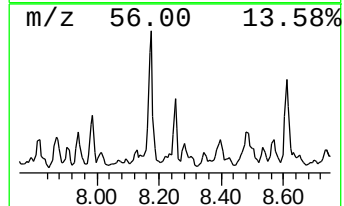
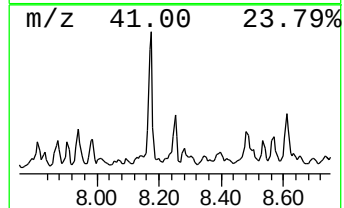
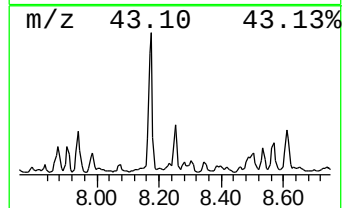
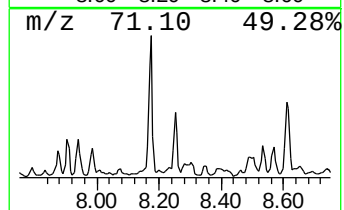
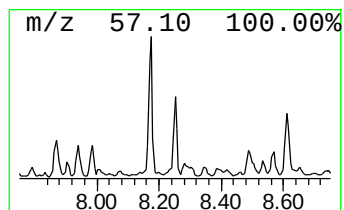
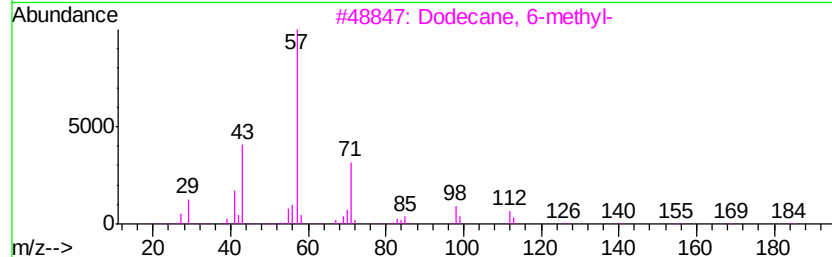
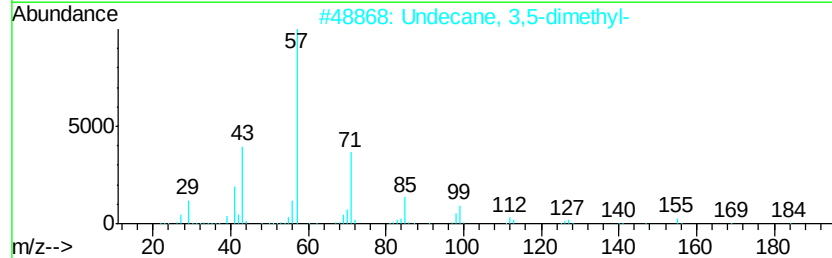
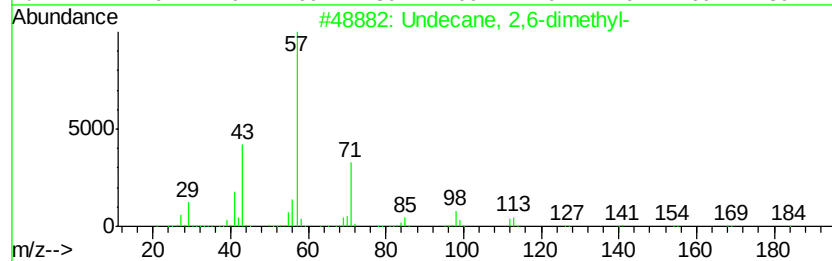
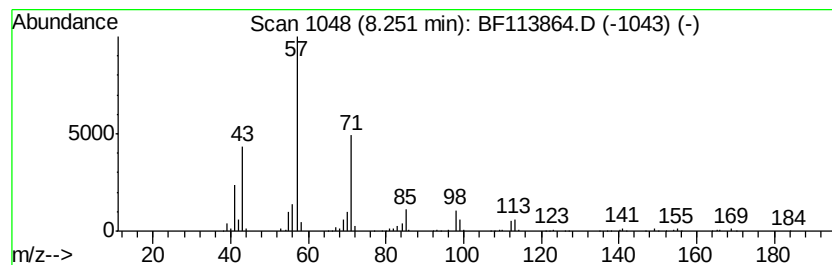
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Undecane, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	5.73 ng	769939	Napthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	81
2		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
3		Dodecane, 6-methyl-	184	C13H28	006044-71-9	70
4		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	58
5		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113864.D
Acq On : 19 Apr 2019 17:47
Operator : JU/SJ
Sample : K2193-09 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

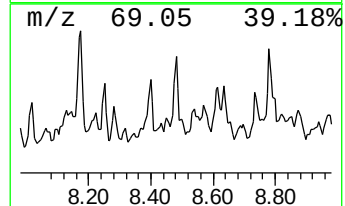
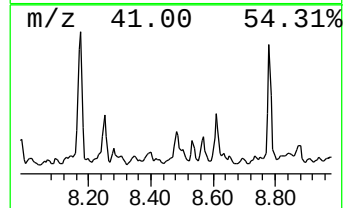
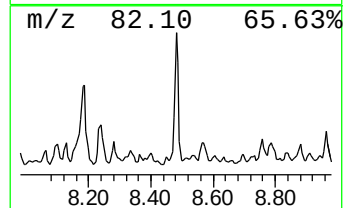
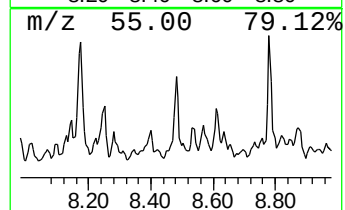
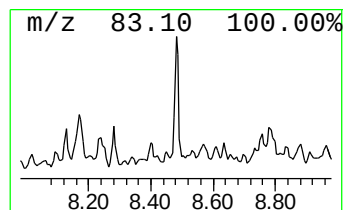
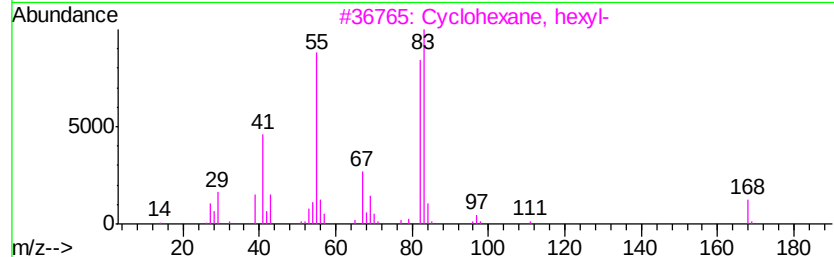
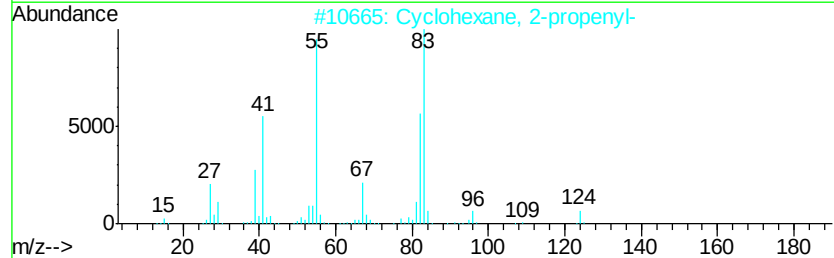
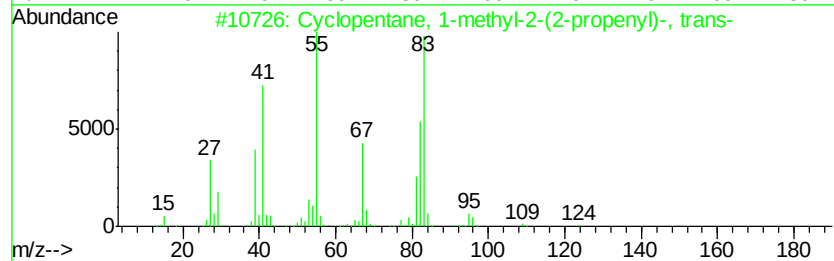
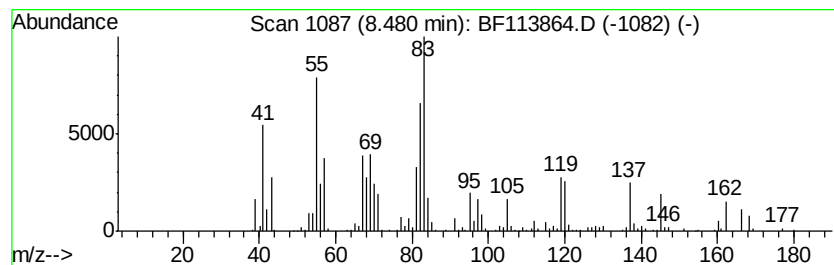
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclopentane, 1-methyl-2-(2... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	6.11 ng	820520	Naphthalene-d8	8.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentane, 1-methyl-2-(2-prop...	124 C9H16	050746-53-7 60
2		Cyclohexane, 2-propenyl-	124 C9H16	002114-42-3 38
3		Cyclohexane, hexyl-	168 C12H24	004292-75-5 38
4		Cyclohexane, (4-methylpentyl)-	168 C12H24	061142-20-9 38
5		11-Dodecen-1-ol, 2,4,6-trimethyl...	226 C15H30O	027829-54-5 38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
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Misc :
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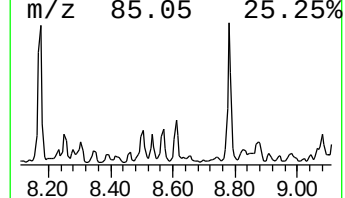
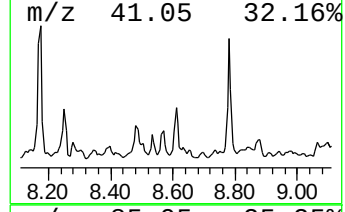
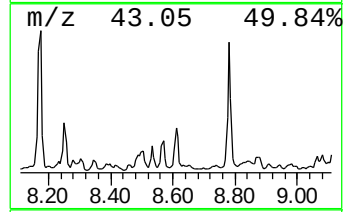
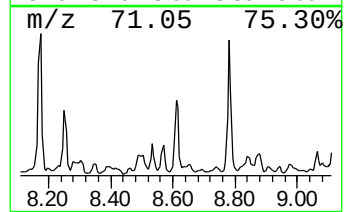
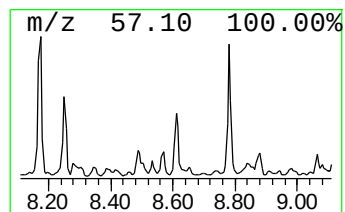
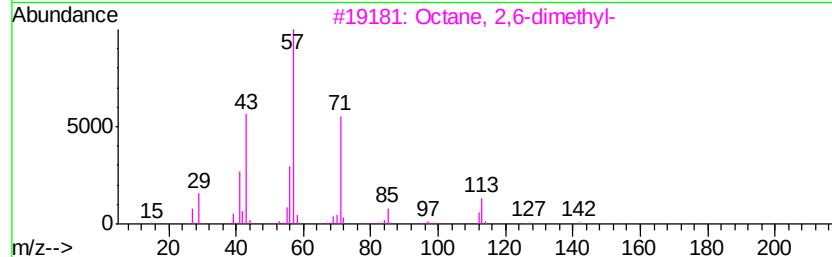
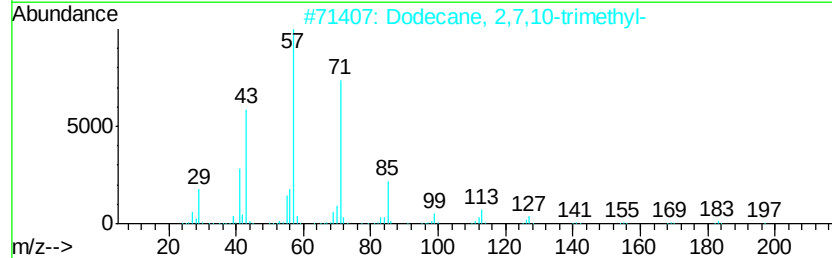
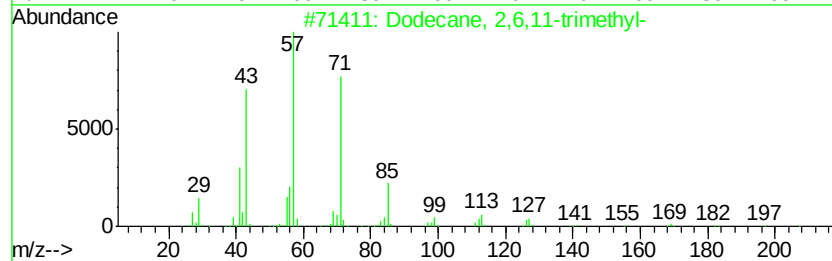
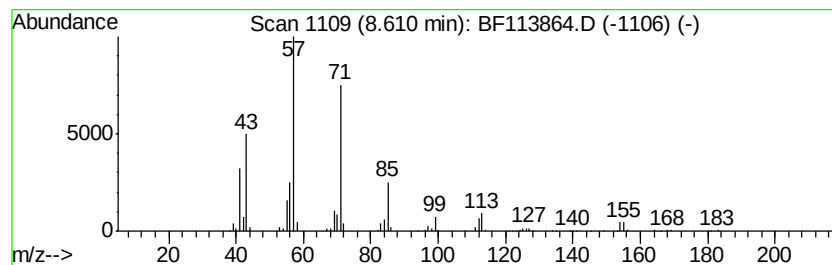
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HR-05-041719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 2,6,11-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.61	4.23 ng	568357	Napthalene-d8	8.19	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	78
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113864.D
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Operator : JU/SJ
Sample : K2193-09 5X
Misc :
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Instrument :
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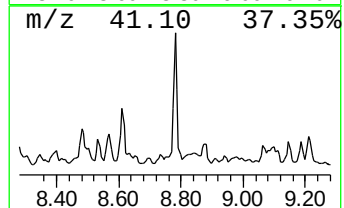
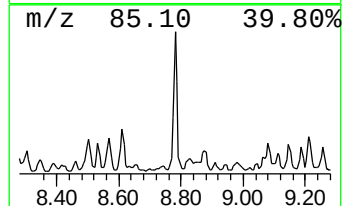
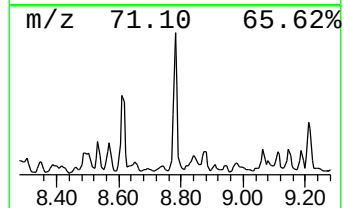
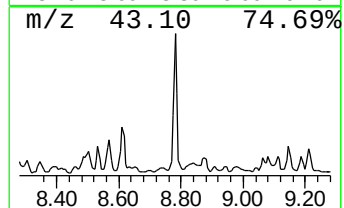
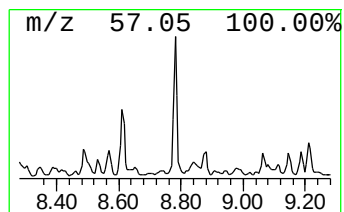
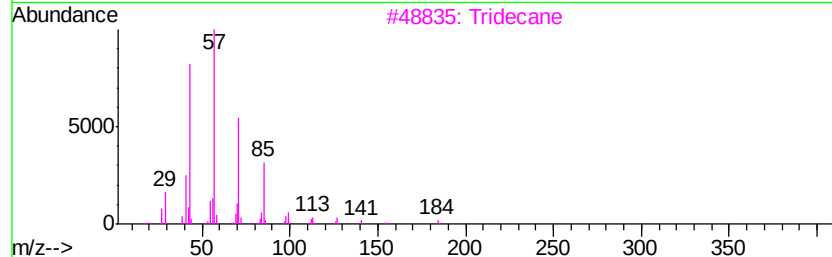
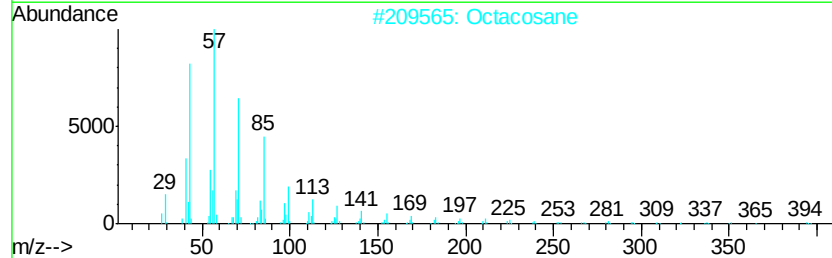
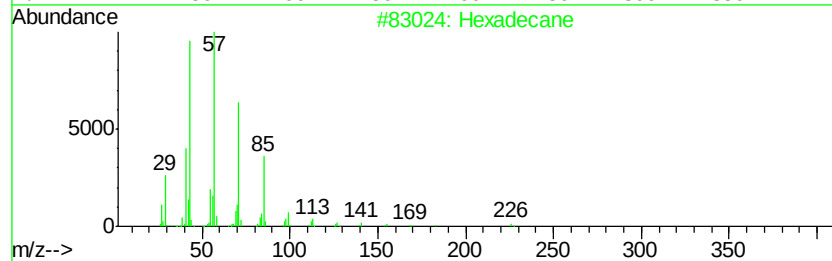
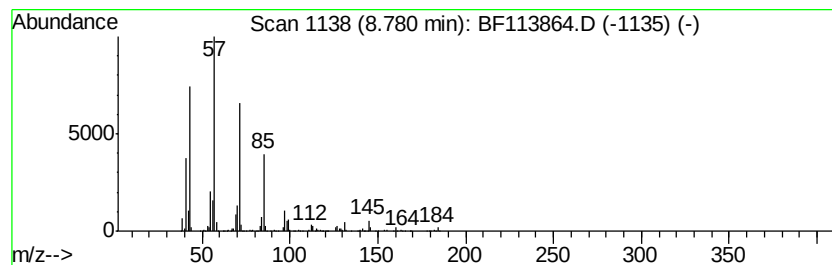
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	9.67 ng	1299860	Naphthalene-d8	8.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	74
2			Octacosane	394	C28H58	000630-02-4	72
3			Tridecane	184	C13H28	000629-50-5	70
4			Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	64
5			Dodecane, 2-methyl-	184	C13H28	001560-97-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113864.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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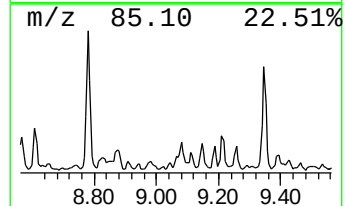
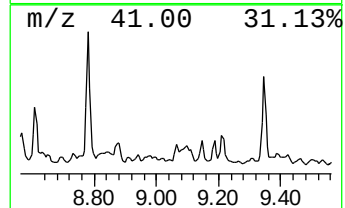
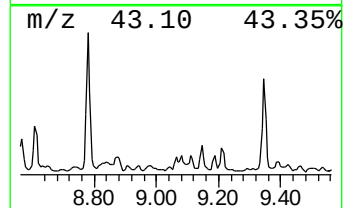
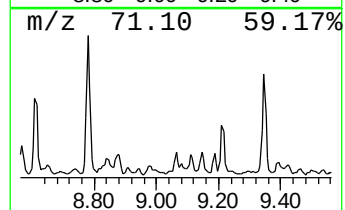
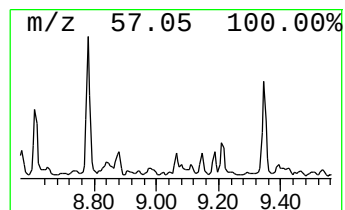
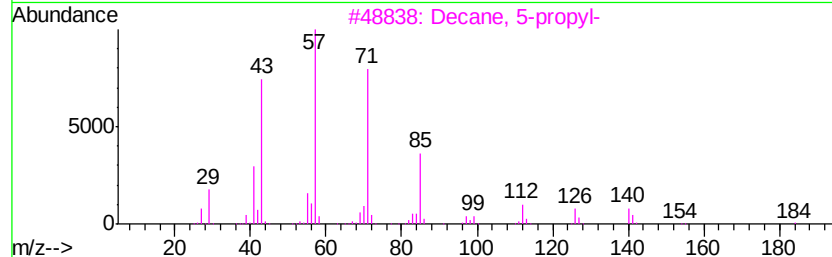
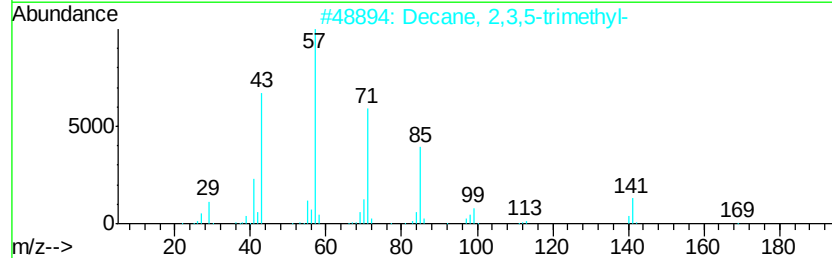
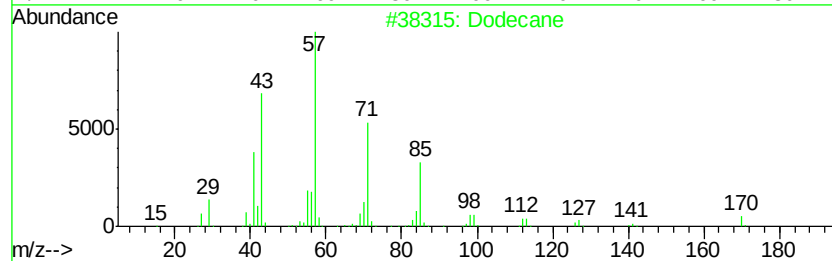
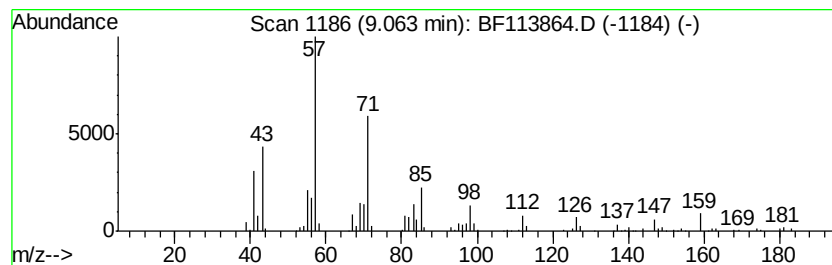
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dodecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	5.51 ng	334579	Acenaphthene-d10	9.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane			170	C12H26	000112-40-3	59
2	Decane, 2,3,5-trimethyl-			184	C13H28	062238-11-3	59
3	Decane, 5-propyl-			184	C13H28	017312-62-8	59
4	Heptadecane, 2,6,10,14-tetramethyl-			296	C21H44	018344-37-1	59
5	Sulfurous acid, decyl 2-ethylhex...			334	C18H38O3S	1000309-19-3	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113864.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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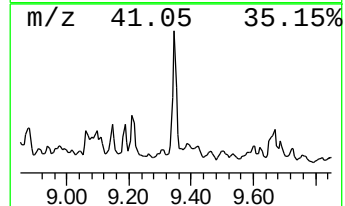
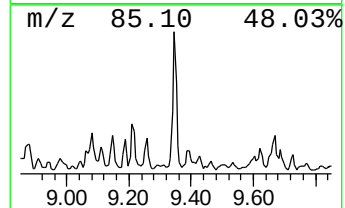
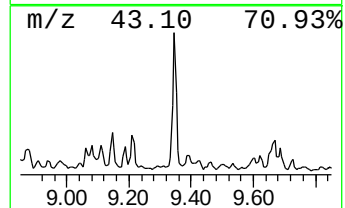
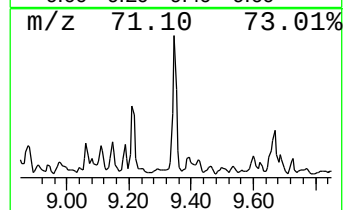
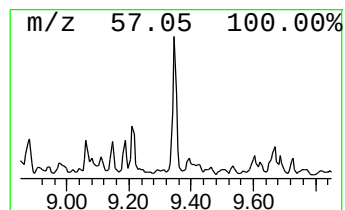
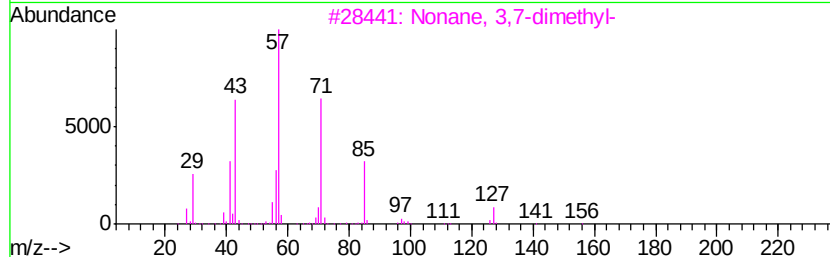
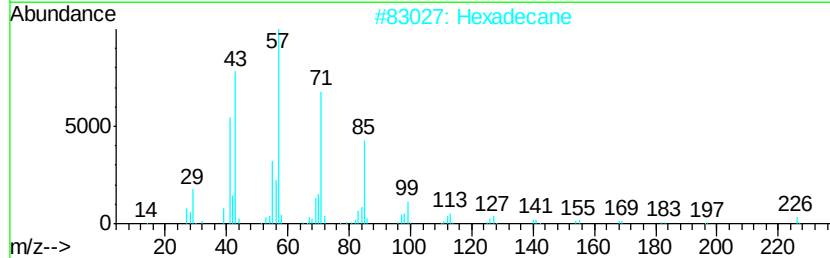
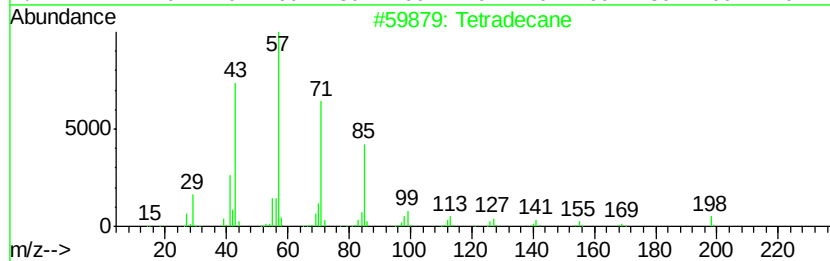
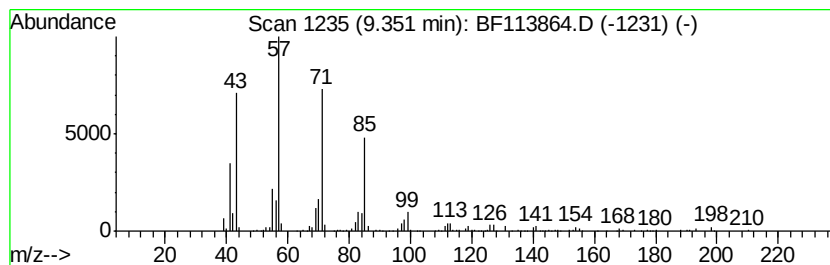
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Nonane, 3,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	15.35 ng	932264	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	93
2		Hexadecane	226	C16H34	000544-76-3	90
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83
4		Octacosane	394	C28H58	000630-02-4	72
5		Nonadecane	268	C19H40	000629-92-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113864.D
Acq On : 19 Apr 2019 17:47
Operator : JU/SJ
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Misc :
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ClientSampleId :
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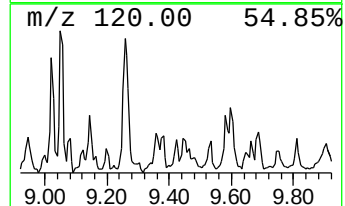
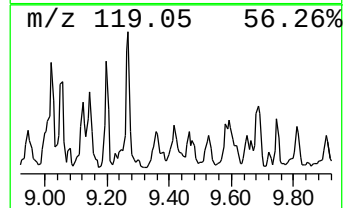
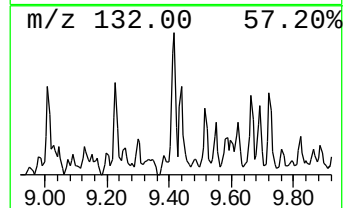
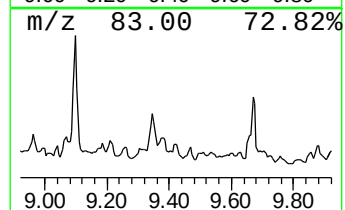
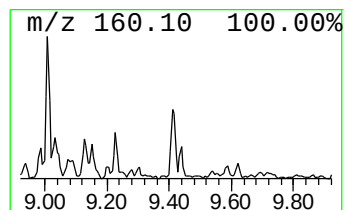
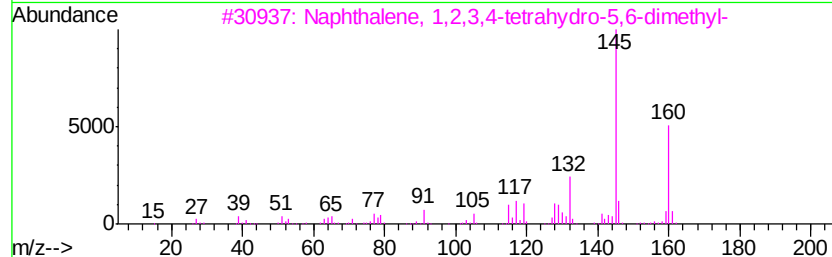
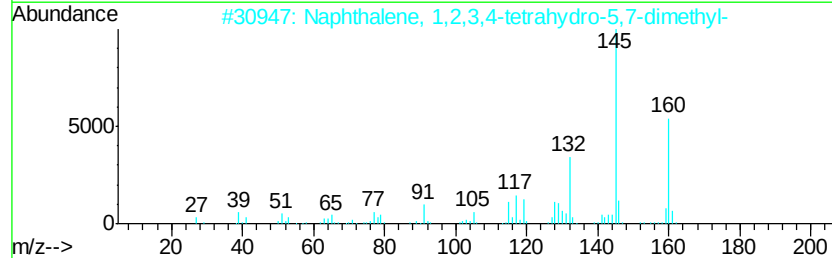
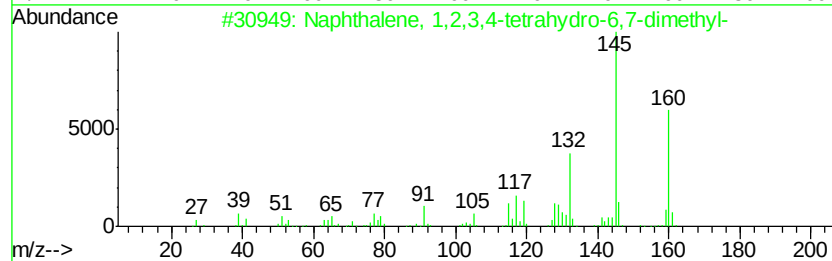
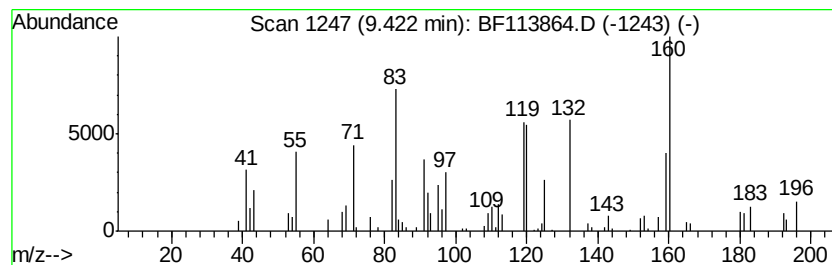
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,2,3,4-tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	4.66 ng	283172	Acenaphthene-d10	9.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	87
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	87
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	86
4			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	70
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
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Sample : K2193-09 5X
Misc :
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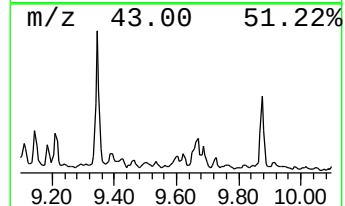
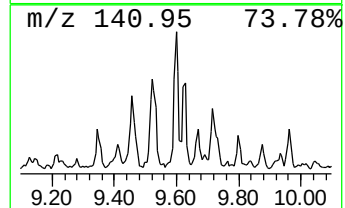
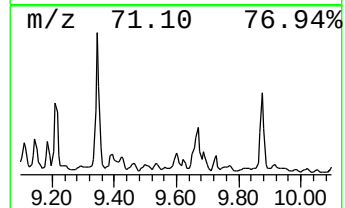
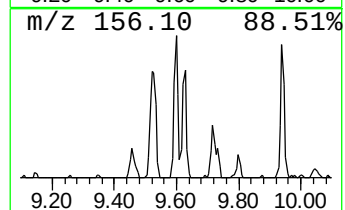
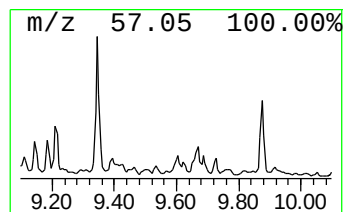
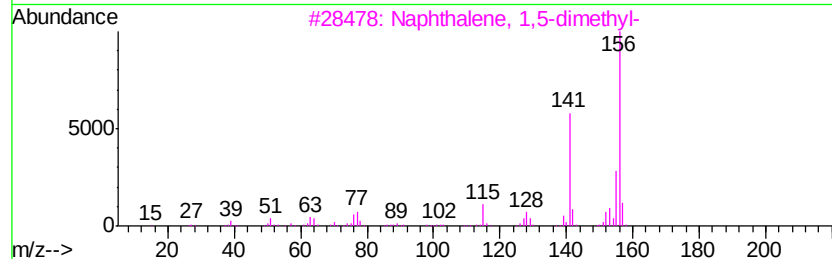
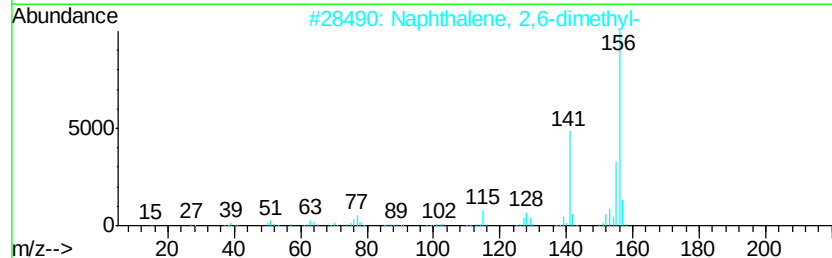
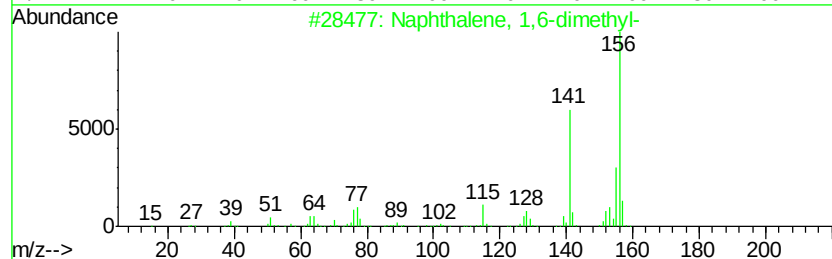
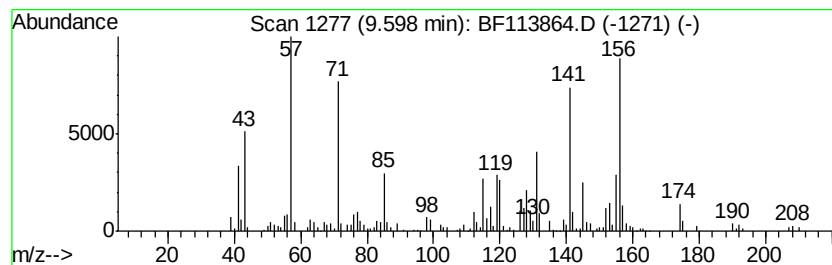
Instrument :
BNA_F
ClientSampleId :
HR-05-041719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 1,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	5.30 ng	321602	Acenaphthene-d10	9.94
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 87
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 84
3		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 83
4		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 62
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113864.D
Acq On : 19 Apr 2019 17:47
Operator : JU/SJ
Sample : K2193-09 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

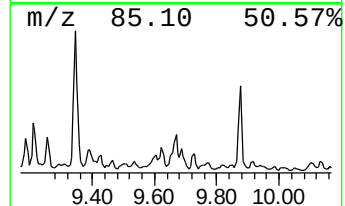
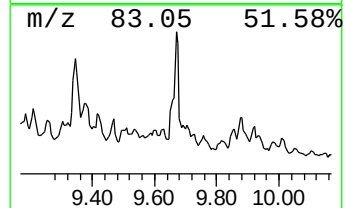
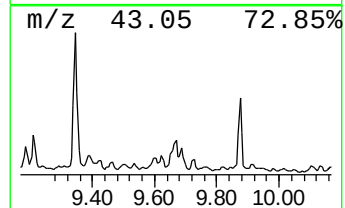
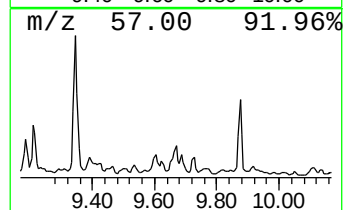
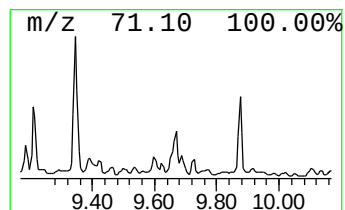
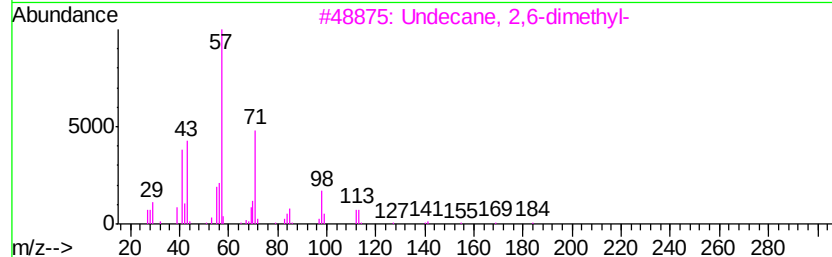
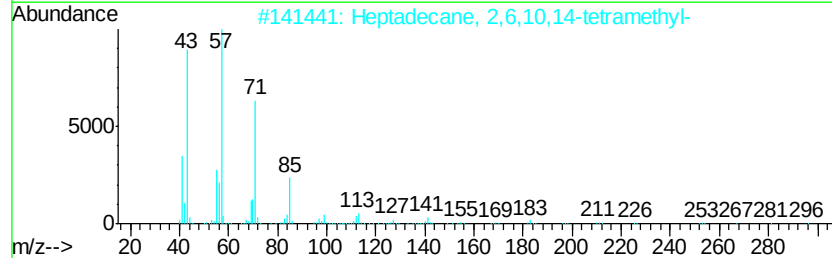
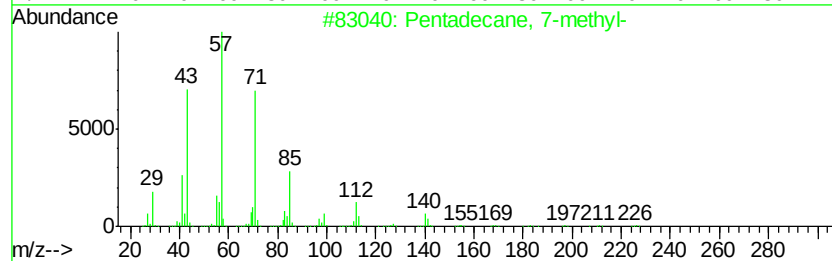
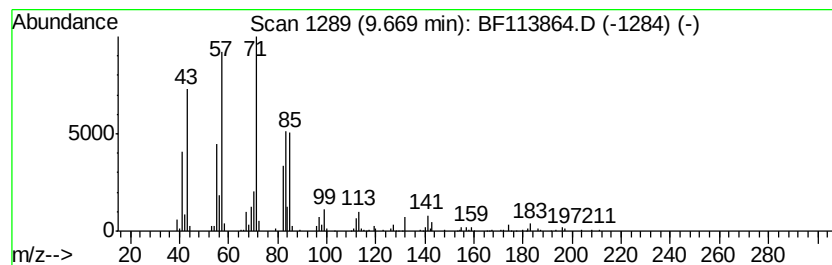
Instrument :
BNA_F
ClientSampleId :
HR-05-041719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentadecane, 7-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.67	8.73 ng	530444	Acenaphthene-d10	9.94	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	52
2	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	50
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	49
4	Hexadecane	226	C16H34	000544-76-3	47
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113864.D
Acq On : 19 Apr 2019 17:47
Operator : JU/SJ
Sample : K2193-09 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-041719-B

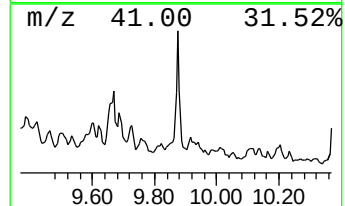
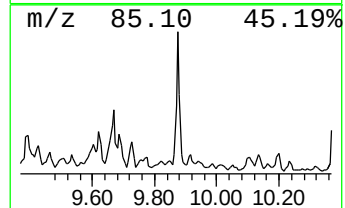
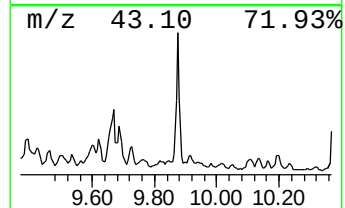
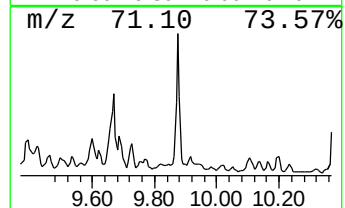
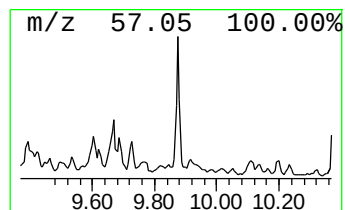
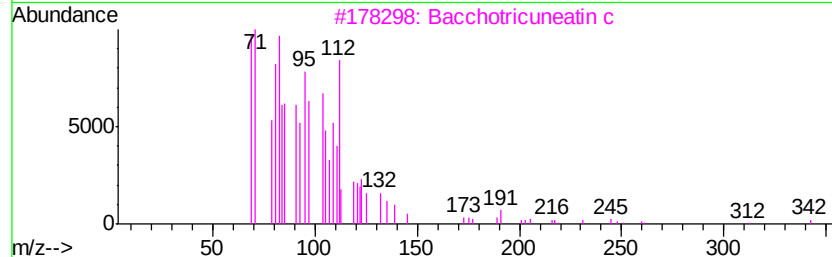
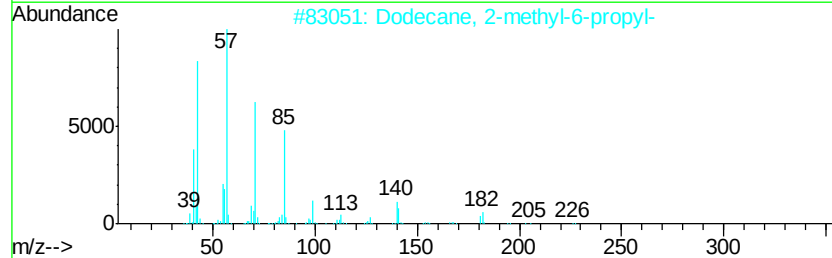
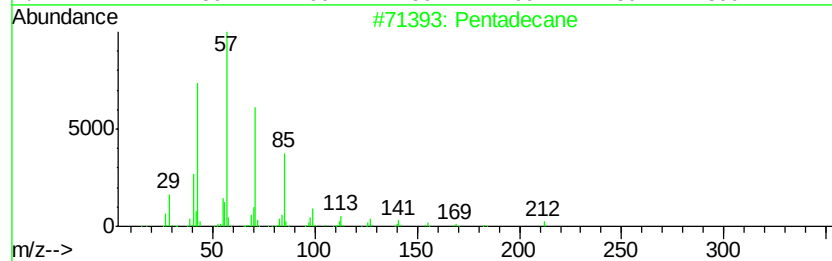
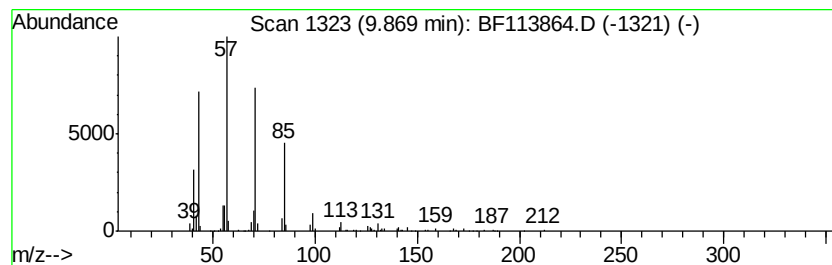
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	7.08 ng	429933	Acenaphthene-d10	9.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	91
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3			Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
4			Tetradecane	198	C14H30	000629-59-4	58
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
 Data File : BF113864.D
 Acq On : 19 Apr 2019 17:47
 Operator : JU/SJ
 Sample : K2193-09 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-041719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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
1-Decanol, 2-hexyl-	6.45	5.0 ng		267451	1	6.90	1064860	20.0
unknown6.67	6.67	18.6 ng		989292	1	6.90	1064860	20.0
Decane	6.75	17.9 ng		952920	1	6.90	1064860	20.0
Benzene, 1,2,3-tr...	6.96	5.2 ng		277610	1	6.90	1064860	20.0
Nonane, 4,5-dimet...	7.19	9.1 ng		482357	1	6.90	1064860	20.0
4-Methyl-3-heptan...	7.22	8.0 ng		425126	1	6.90	1064860	20.0
Decane, 2-methyl-	7.25	5.6 ng		295879	1	6.90	1064860	20.0
Decane, 3-methyl-	7.30	10.3 ng		546701	1	6.90	1064860	20.0
Tetradecane	7.50	31.2 ng		1661600	1	6.90	1064860	20.0
Undecane, 2,6-dim...	8.25	5.7 ng		769939	2	8.19	2687670	20.0
Cyclopentane, 1-m...	8.48	6.1 ng		820520	2	8.19	2687670	20.0
Dodecane, 2,6,11-...	8.61	4.2 ng		568357	2	8.19	2687670	20.0
Hexadecane	8.78	9.7 ng		1299860	2	8.19	2687670	20.0
Dodecane	9.06	5.5 ng		334579	3	9.94	1214530	20.0
Nonane, 3,7-dimet...	9.35	15.4 ng		932264	3	9.94	1214530	20.0
Naphthalene, 1,2,...	9.42	4.7 ng		283172	3	9.94	1214530	20.0
Naphthalene, 1,6-...	9.60	5.3 ng		321602	3	9.94	1214530	20.0
Pentadecane, 7-me...	9.67	8.7 ng		530444	3	9.94	1214530	20.0
Pentadecane	9.87	7.1 ng		429933	3	9.94	1214530	20.0