

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096490.D
 Acq On : 5 Jul 2017 18:05
 Operator : SJ/MA
 Sample : I3876-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAN-SB-10203040506-0-11

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:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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	4.904	474	479	487	rBV	442355	620205	21.72%	1.790%
2	5.328	546	551	554	rBV	2795996	2823898	98.88%	8.150%
3	6.251	704	708	714	rBV2	41923	61506	2.15%	0.178%
4	6.351	720	725	728	rBV	2584263	2855964	100.00%	8.243%
5	6.481	742	747	751	rBV	2641567	2839171	99.41%	8.194%
6	6.710	783	786	790	rVV	778114	604671	21.17%	1.745%
7	6.740	790	791	795	rVB3	44368	35851	1.26%	0.103%
8	6.787	795	799	801	rBV2	47280	56636	1.98%	0.163%
9	6.869	809	813	816	rVB	2319644	2070578	72.50%	5.976%
10	6.904	816	819	822	rVB3	38234	42725	1.50%	0.123%
11	6.951	822	827	830	rBV7	24259	43585	1.53%	0.126%
12	6.992	830	834	839	rVB3	66464	79483	2.78%	0.229%
13	7.110	849	854	856	rBV2	77252	75297	2.64%	0.217%
14	7.145	856	860	867	rVB6	48511	76581	2.68%	0.221%
15	7.275	872	882	885	rBV	1769129	1844422	64.58%	5.323%
16	7.316	885	889	893	rVB4	48883	71121	2.49%	0.205%
17	7.363	893	897	902	rBV4	95890	142300	4.98%	0.411%
18	7.416	902	906	908	rBV2	41100	46850	1.64%	0.135%
19	7.439	908	910	914	rVB4	38206	41057	1.44%	0.118%
20	7.528	922	925	928	rVB2	141331	142431	4.99%	0.411%
21	7.563	928	931	933	rBV	42567	36986	1.30%	0.107%
22	7.592	933	936	938	rBV2	57839	74289	2.60%	0.214%
23	7.639	941	944	949	rVB2	197576	206161	7.22%	0.595%
24	7.687	949	952	953	rBV2	41348	44544	1.56%	0.129%
25	7.716	953	957	961	rVB2	82067	101485	3.55%	0.293%
26	7.763	961	965	968	rBV3	52353	70177	2.46%	0.203%
27	7.828	973	976	980	rBV2	88912	91665	3.21%	0.265%
28	7.892	985	987	993	rVB3	91719	126781	4.44%	0.366%
29	7.992	1000	1004	1009	rBV	1033501	998156	34.95%	2.881%
30	8.034	1009	1011	1012	rBV2	43021	31868	1.12%	0.092%
31	8.051	1012	1014	1016	rVV2	70305	53314	1.87%	0.154%
32	8.075	1016	1018	1020	rVB	227009	161119	5.64%	0.465%
33	8.098	1020	1022	1025	rBV3	36644	41013	1.44%	0.118%
34	8.175	1031	1035	1037	rBV2	103800	119241	4.18%	0.344%

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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.210	1038	1041	1044	rVV	170949	149617	5.24%	0.432%
36	8.287	1051	1054	1058	rVB3	163828	247179	8.65%	0.713%
37	8.328	1058	1061	1063	rBV3	123077	158674	5.56%	0.458%
38	8.351	1063	1065	1068	rVV4	56776	60966	2.13%	0.176%
39	8.434	1076	1079	1084	rBV2	331195	566505	19.84%	1.635%
40	8.504	1088	1091	1094	rBV2	112722	113838	3.99%	0.329%
41	8.551	1095	1099	1103	rBV4	168062	219625	7.69%	0.634%
42	8.692	1121	1123	1127	rVB2	234476	292804	10.25%	0.845%
43	8.745	1130	1132	1136	rBV4	120624	158695	5.56%	0.458%
44	8.886	1154	1156	1159	rBV3	105065	97089	3.40%	0.280%
45	8.916	1159	1161	1165	rVB5	134908	132631	4.64%	0.383%
46	8.957	1165	1168	1170	rBV4	91010	129546	4.54%	0.374%
47	8.992	1172	1174	1177	rVV2	147884	136965	4.80%	0.395%
48	9.034	1178	1181	1183	rVV	443231	390039	13.66%	1.126%
49	9.075	1183	1188	1191	rVB	2895236	2778537	97.29%	8.019%
50	9.116	1191	1195	1197	rBV5	46352	51687	1.81%	0.149%
51	9.157	1199	1202	1208	rVV4	293485	451574	15.81%	1.303%
52	9.357	1234	1236	1238	rBV2	109973	83851	2.94%	0.242%
53	9.381	1238	1240	1244	rBV4	85427	119333	4.18%	0.344%
54	9.463	1251	1254	1257	rBV	908373	873532	30.59%	2.521%
55	9.486	1257	1258	1261	rVV	512561	366889	12.85%	1.059%
56	9.522	1261	1264	1269	rVB3	182386	219786	7.70%	0.634%
57	9.575	1271	1273	1275	rVB2	135982	96488	3.38%	0.278%
58	9.622	1278	1281	1286	rBV6	177521	293541	10.28%	0.847%
59	9.669	1286	1289	1292	rVB	532895	456338	15.98%	1.317%
60	9.704	1292	1295	1298	rBV5	95039	146030	5.11%	0.421%
61	9.751	1298	1303	1307	rVB	866713	1024786	35.88%	2.958%
62	9.798	1309	1311	1315	rBV3	110354	107431	3.76%	0.310%
63	9.916	1329	1331	1333	rBV2	79050	74523	2.61%	0.215%
64	10.022	1346	1349	1354	rBV2	197564	196567	6.88%	0.567%
65	10.122	1364	1366	1369	rBV4	68809	67430	2.36%	0.195%
66	10.163	1371	1373	1376	rVB3	123696	97217	3.40%	0.281%
67	10.292	1393	1395	1397	rBV2	58263	59424	2.08%	0.172%
68	10.416	1414	1416	1420	rVB	129349	107627	3.77%	0.311%
69	10.533	1432	1436	1440	rVB	1479543	1387887	48.60%	4.006%
70	10.669	1456	1459	1460	rBV2	107352	118501	4.15%	0.342%
71	10.680	1460	1461	1464	rVB	164668	94878	3.32%	0.274%

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72	11.028	1518	1520	1526	rVB6	27786	41480	1.45%	0.120%
73	11.110	1532	1534	1538	rVV2	65485	68224	2.39%	0.197%
74	11.145	1538	1540	1543	rVB	43690	40256	1.41%	0.116%
75	11.227	1550	1554	1556	rBV	832484	689644	24.15%	1.990%
76	11.251	1556	1558	1561	rVB	246955	187177	6.55%	0.540%
77	11.298	1564	1566	1569	rVB	71353	53651	1.88%	0.155%
78	11.757	1641	1644	1648	rVB2	44076	50028	1.75%	0.144%
79	11.839	1655	1658	1660	rBV	59125	57360	2.01%	0.166%
80	12.433	1756	1759	1764	rVB	407970	344764	12.07%	0.995%
81	12.498	1765	1770	1774	rBV8	20480	44761	1.57%	0.129%
82	12.663	1792	1798	1801	rBV	355863	367488	12.87%	1.061%
83	12.816	1819	1824	1827	rVB	1958651	1824088	63.87%	5.265%
84	12.992	1852	1854	1859	rVB	47879	40321	1.41%	0.116%
85	13.063	1863	1866	1868	rBV2	39667	38680	1.35%	0.112%
86	13.186	1884	1887	1890	rVB2	39490	43471	1.52%	0.125%
87	13.498	1937	1940	1945	rVB	30945	37585	1.32%	0.108%
88	13.604	1955	1958	1962	rBV2	32232	52828	1.85%	0.152%
89	13.716	1974	1977	1982	rVB2	149167	175895	6.16%	0.508%
90	13.857	1997	2001	2004	rBV2	685390	739795	25.90%	2.135%
91	13.880	2004	2005	2009	rVB	126232	97386	3.41%	0.281%
92	13.963	2017	2019	2023	rVB2	36886	43216	1.51%	0.125%
93	14.045	2031	2033	2037	rBV5	31661	33152	1.16%	0.096%
94	14.868	2170	2173	2176	rBV	101108	143053	5.01%	0.413%
95	15.151	2219	2221	2224	rVB	90237	80536	2.82%	0.232%
96	15.210	2228	2231	2233	rBV	72172	69752	2.44%	0.201%
97	15.268	2237	2241	2244	rBV	399067	424579	14.87%	1.225%

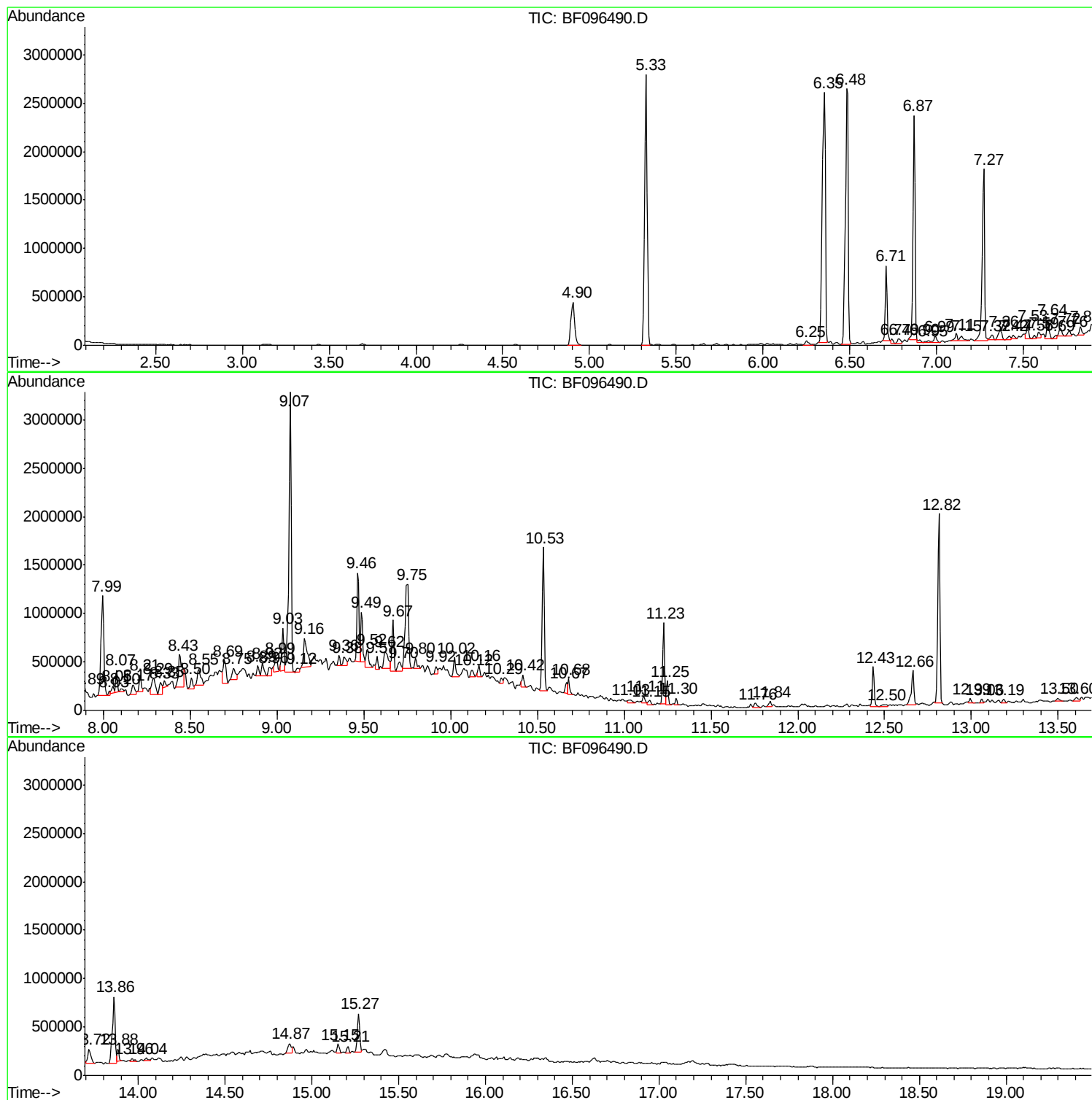
Sum of corrected areas: 34648331

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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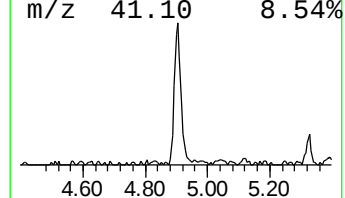
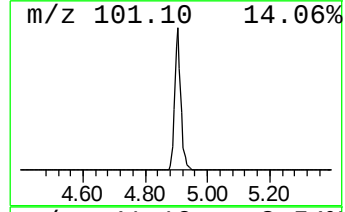
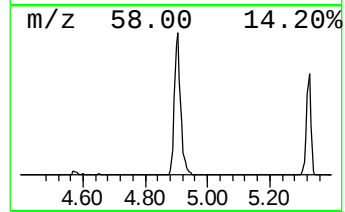
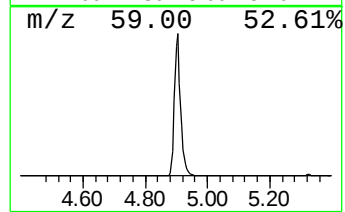
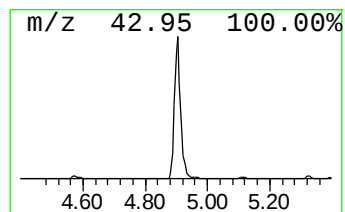
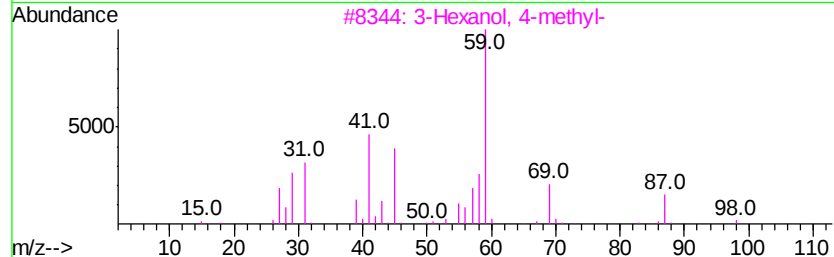
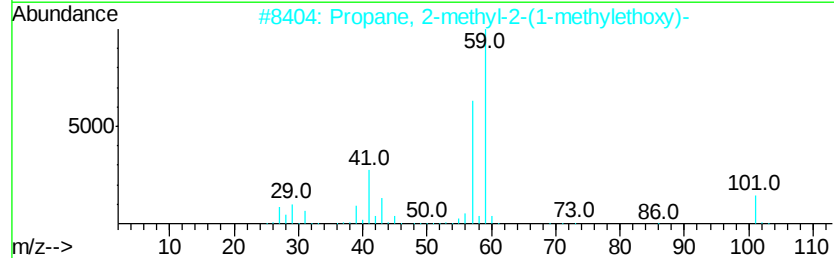
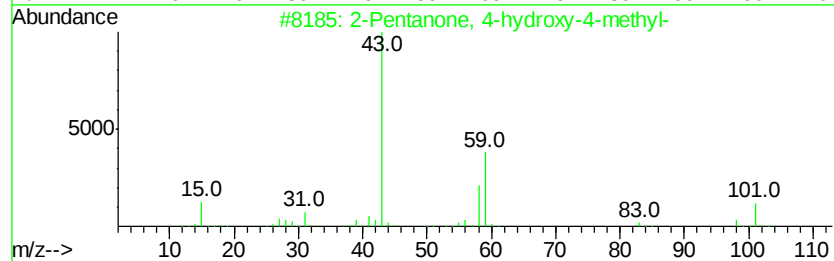
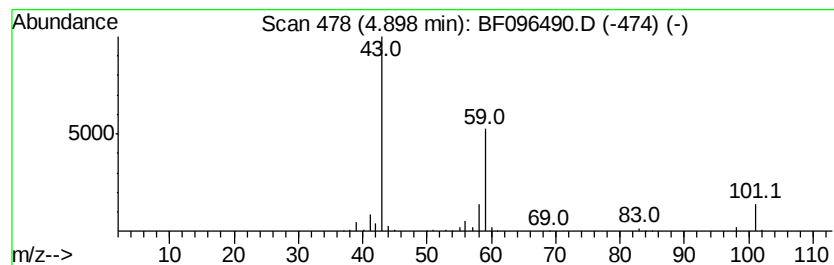
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
4.90	20.51 ng	620205	1,4-Dichlorobenzene-d4	6.71		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50	
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36	
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33	
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28	
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25	



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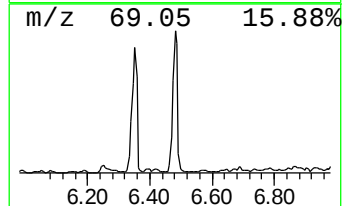
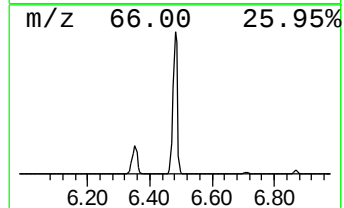
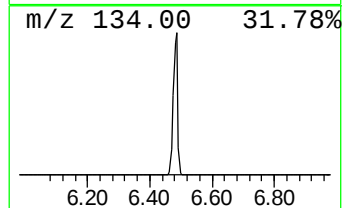
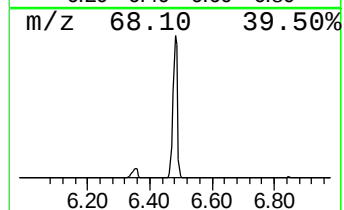
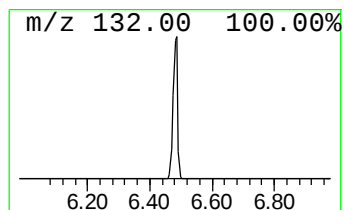
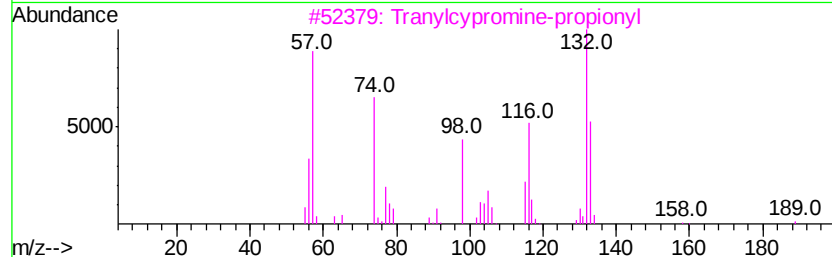
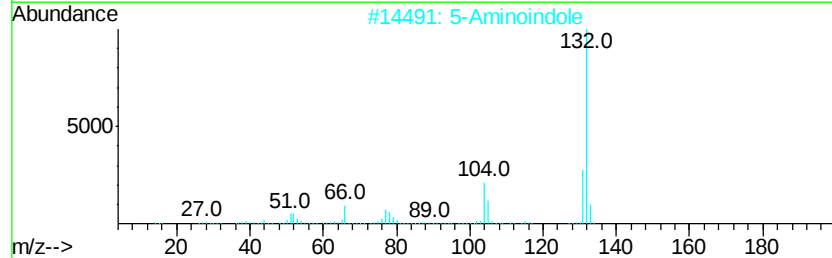
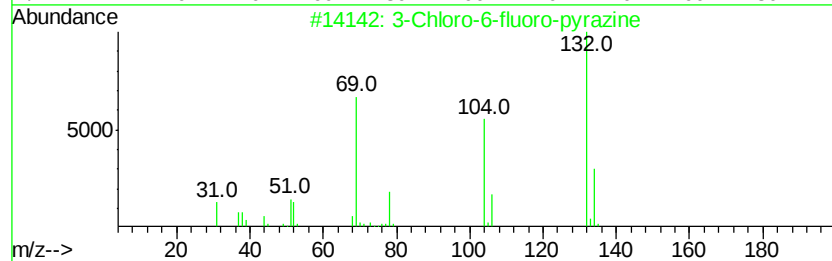
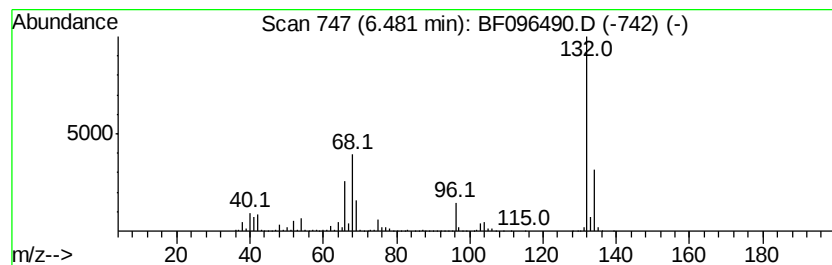
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	93.91 ng	2839170	1,4-Dichlorobenzene-d4	6.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5			1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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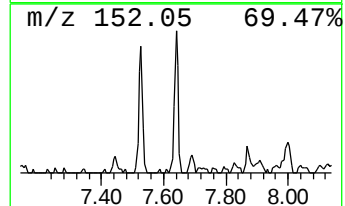
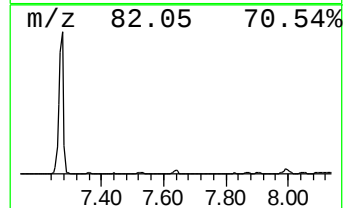
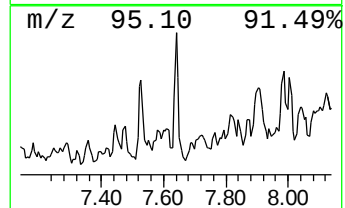
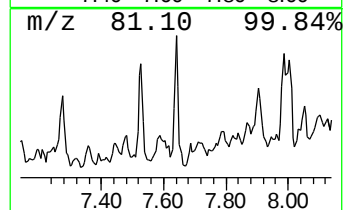
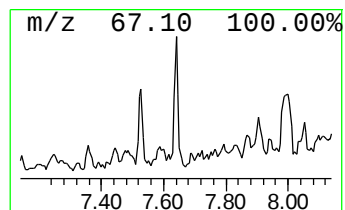
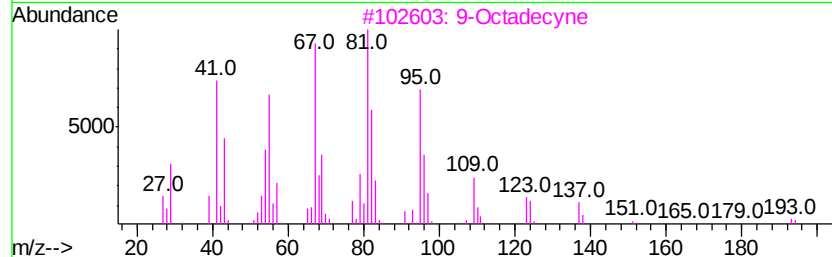
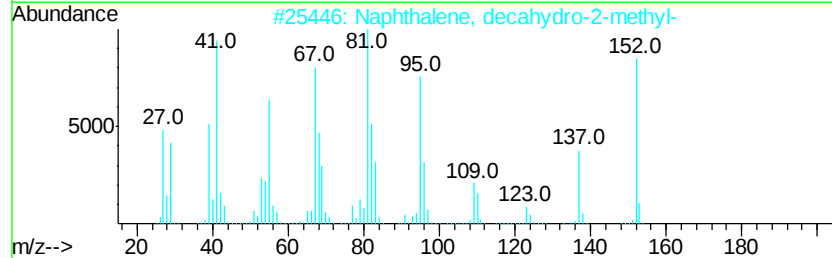
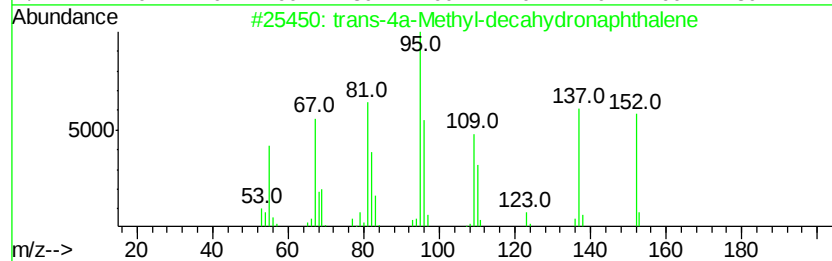
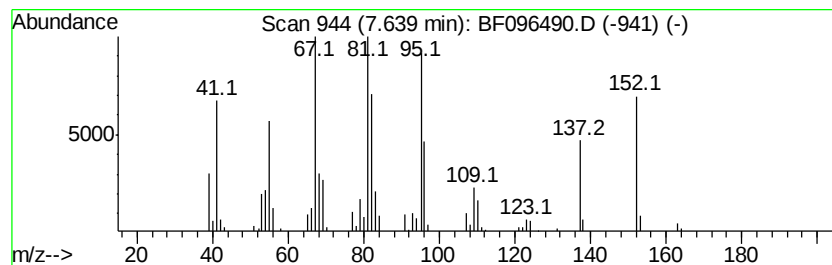
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Peak Number 4 trans-4a-Methyl-decahydrona... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	4.13 ng	206161	Naphthalene-d8	7.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	93
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
3			9-Octadecyne	250	C18H34	035365-59-4	72
4			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	70
5			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070517\
Data File : BF096490.D
Acq On : 5 Jul 2017 18:05
Operator : SJ/MA
Sample : I3876-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAN-SB-10203040506-0-11

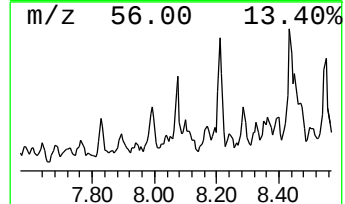
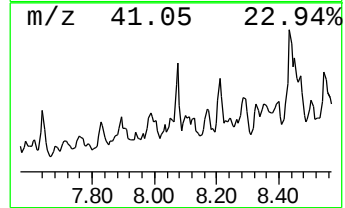
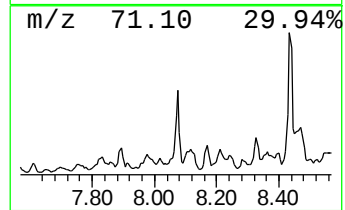
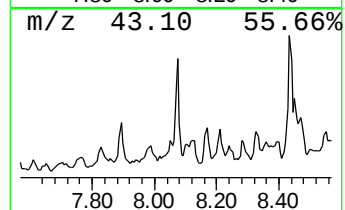
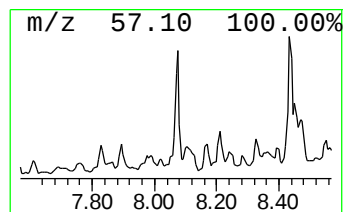
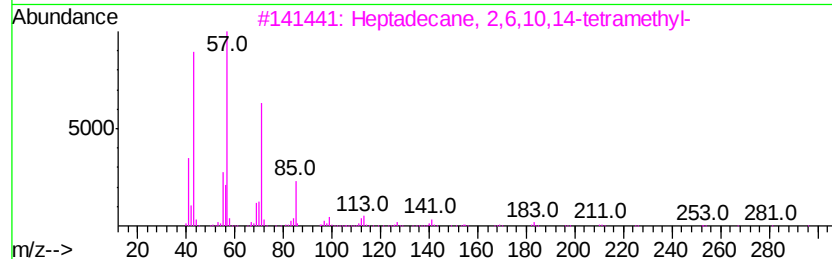
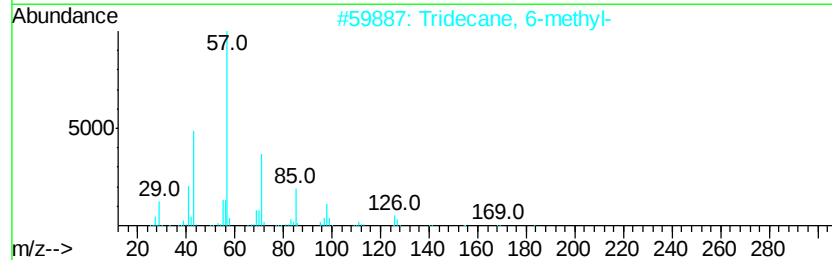
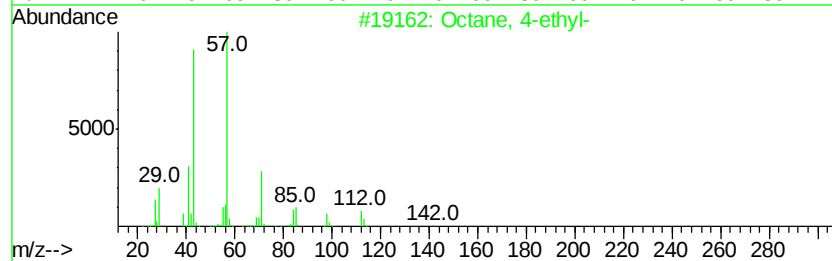
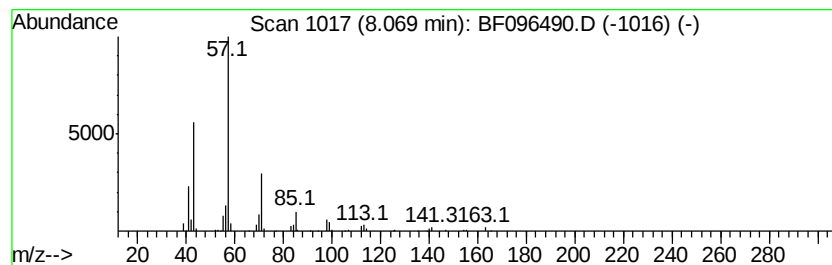
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octane, 4-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	3.23 ng	161119	Naphthalene-d8	7.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 4-ethyl-	142	C10H22	015869-86-0	72
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
3		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	59
4		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096490.D
Acq On : 5 Jul 2017 18:05
Operator : SJ/MA
Sample : I3876-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CAN-SB-10203040506-0-11

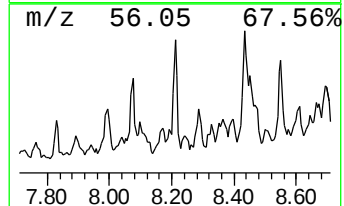
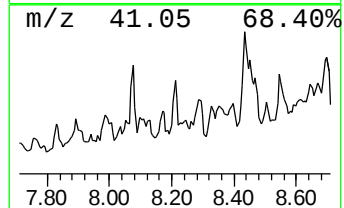
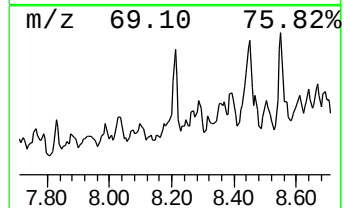
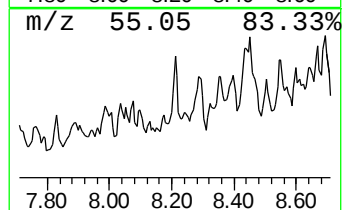
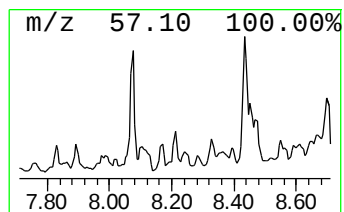
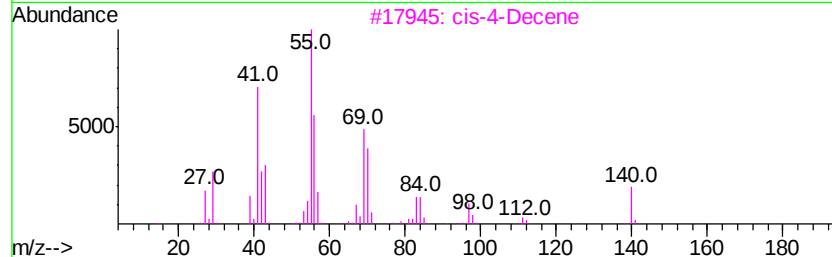
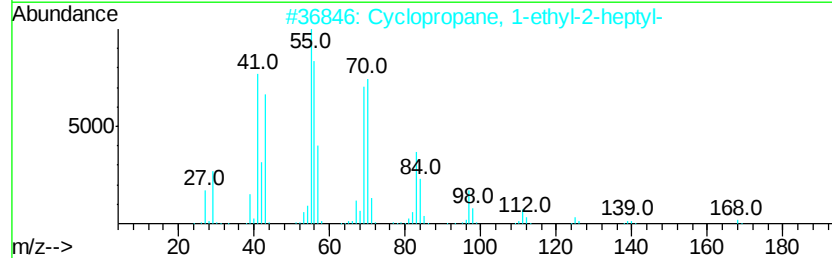
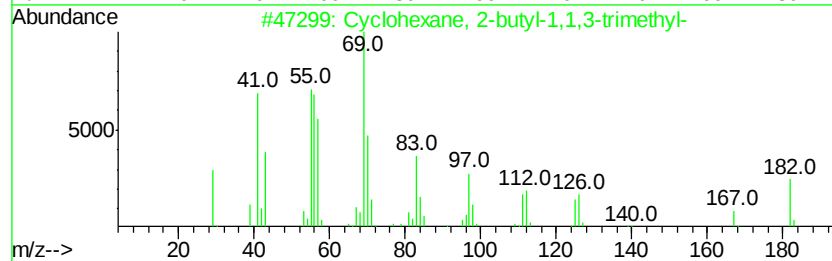
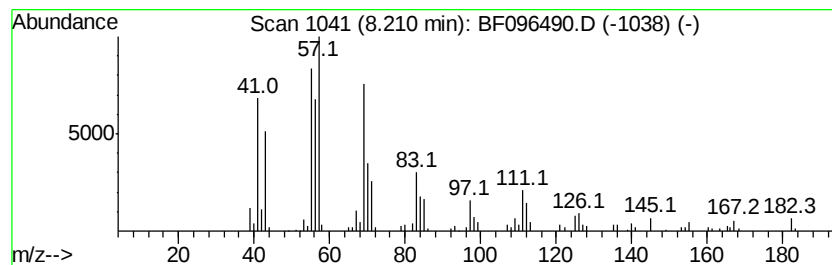
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	3.00 ng	149617	Napthalene-d8	7.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	90
2		Cyclopropane, 1-ethyl-2-heptyl-	168	C12H24	074663-86-8	64
3		cis-4-Decene	140	C10H20	019398-88-0	52
4		3-Trifluoroacetoxy-6-ethyldecane	282	C14H25F3O2	116436-59-0	52
5		1-Hexene, 3-methyl-	98	C7H14	003404-61-3	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096490.D
Acq On : 5 Jul 2017 18:05
Operator : SJ/MA
Sample : I3876-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

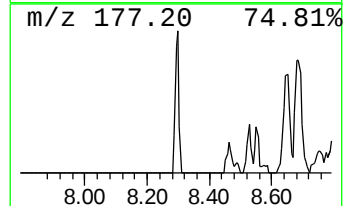
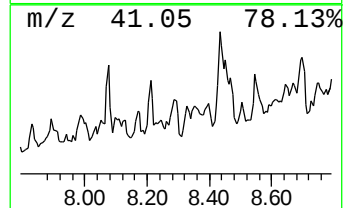
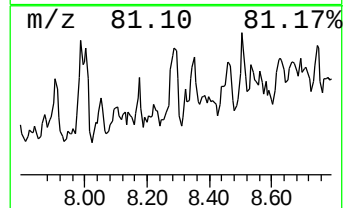
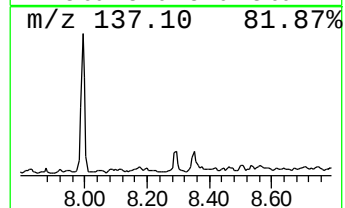
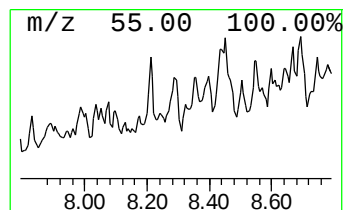
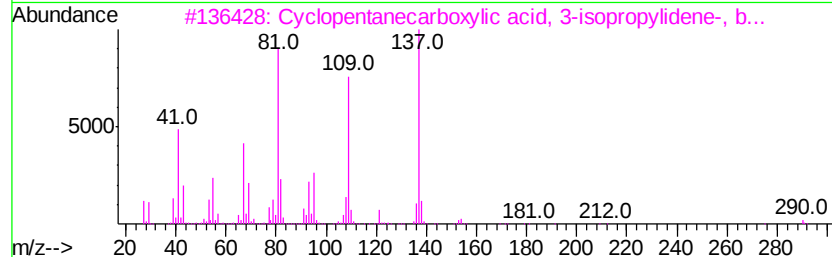
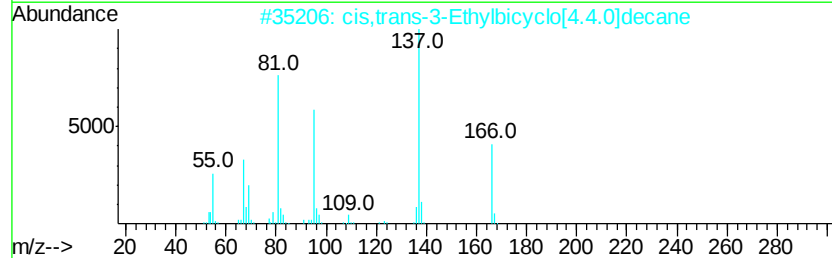
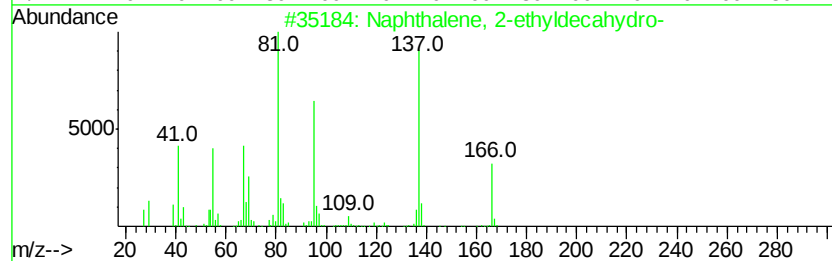
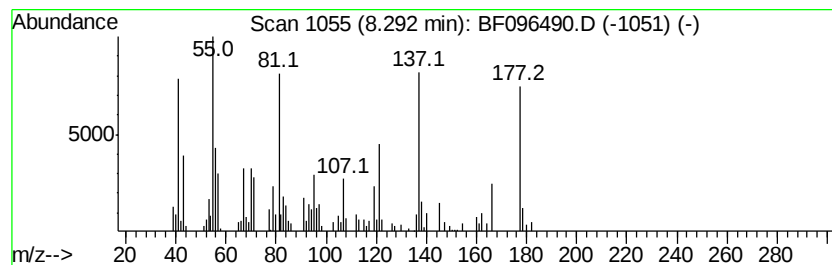
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ClientSampleId :
CAN-SB-10203040506-0-11

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2-ethyldecahydro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.29	4.95 ng	247179	Naphthalene-d8	7.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	70
2	cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	53
3	Cyclopentanecarboxylic acid, 3-i...	290	C19H30O2	1000151-83-4	43
4	cis,trans-2-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-38-6	43
5	Trans, trans-2-ethylbicyclo[4.4....	166	C12H22	066660-37-5	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096490.D
Acq On : 5 Jul 2017 18:05
Operator : SJ/MA
Sample : I3876-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

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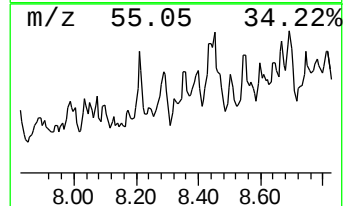
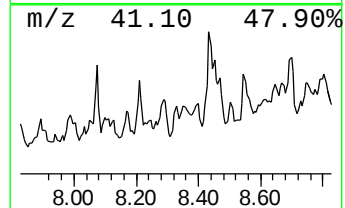
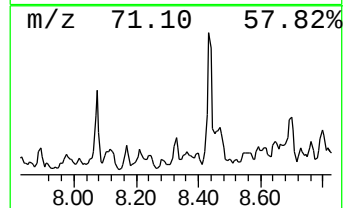
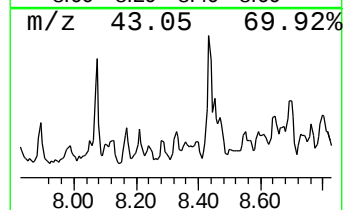
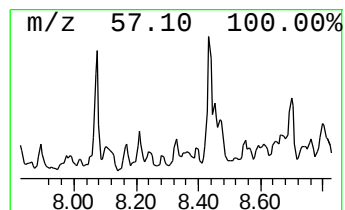
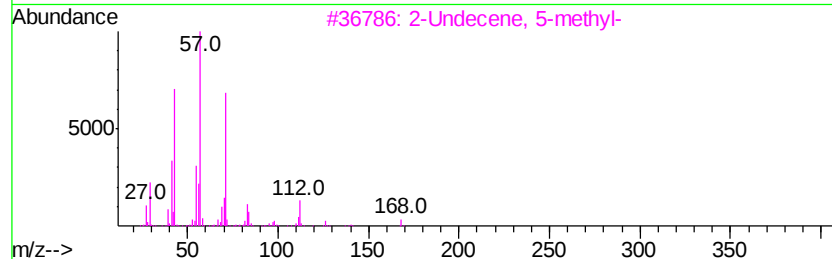
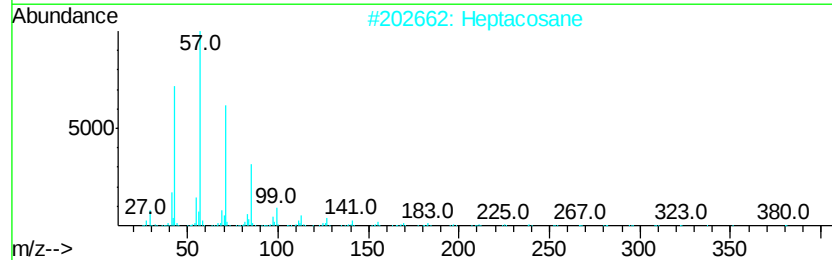
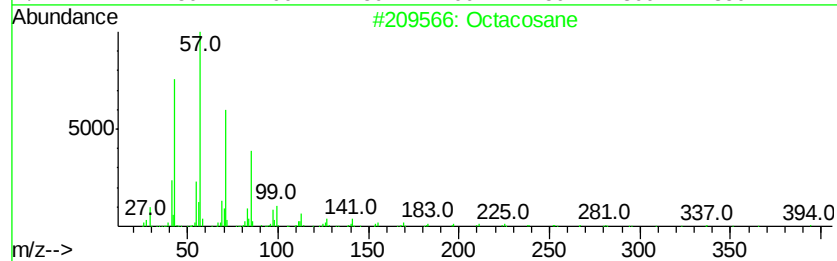
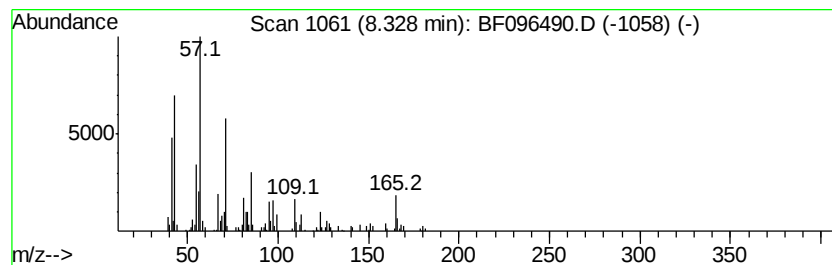
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	3.18 ng	158674	Napthalene-d8	7.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	46
2		Heptacosane	380	C27H56	000593-49-7	46
3		2-Undecene, 5-methyl-	168	C12H24	056851-34-4	45
4		Decane, 1-bromo-2-methyl-	234	C11H23Br	127839-47-8	43
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096490.D
Acq On : 5 Jul 2017 18:05
Operator : SJ/MA
Sample : I3876-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

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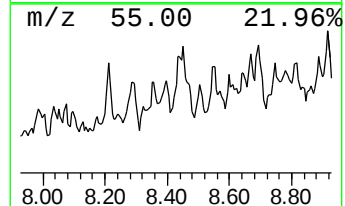
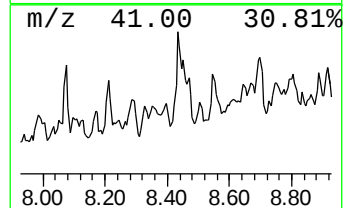
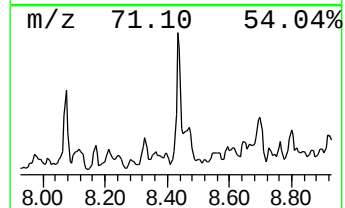
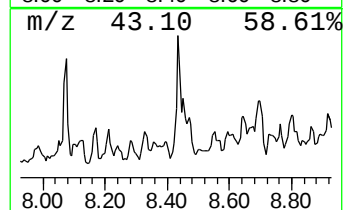
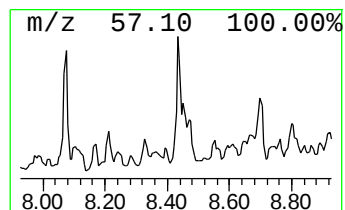
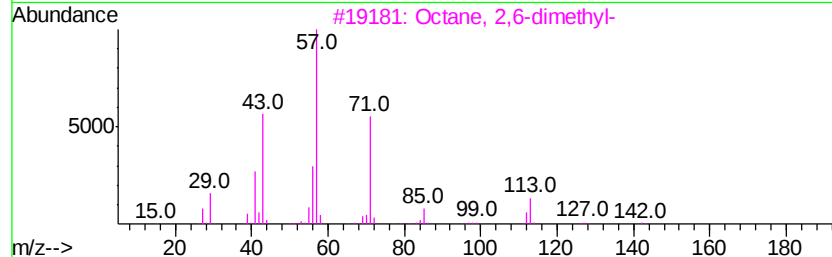
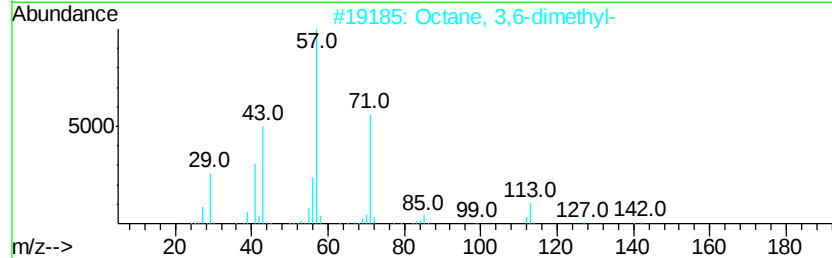
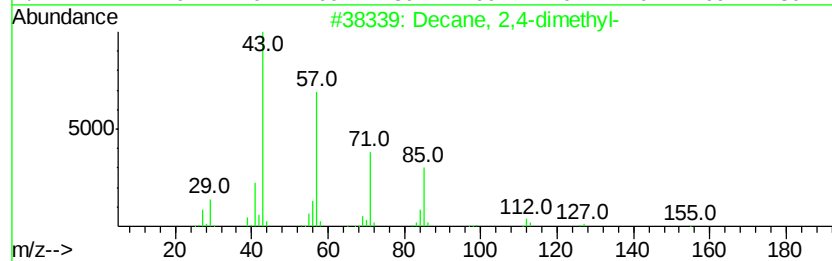
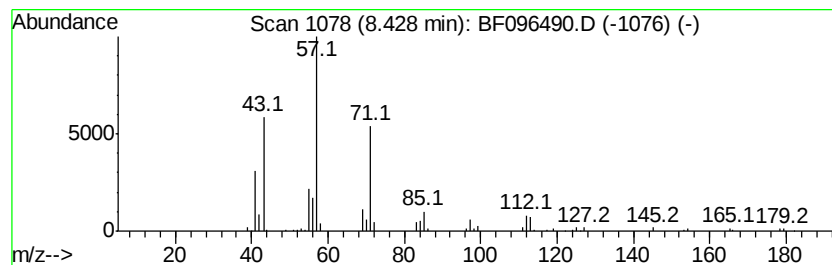
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decane, 2,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	11.35 ng	566505	Naphthalene-d8	7.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	64
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
4		Heptacosane	380	C27H56	000593-49-7	53
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096490.D
Acq On : 5 Jul 2017 18:05
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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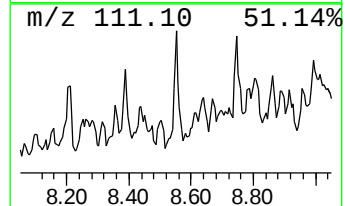
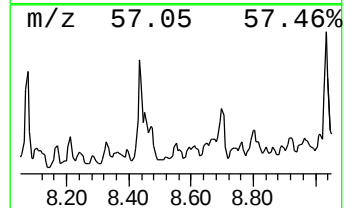
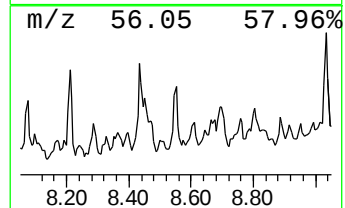
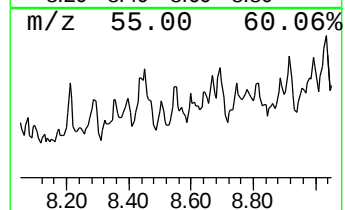
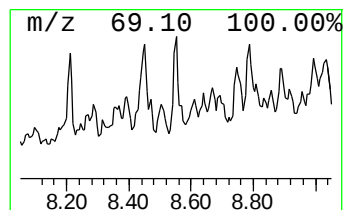
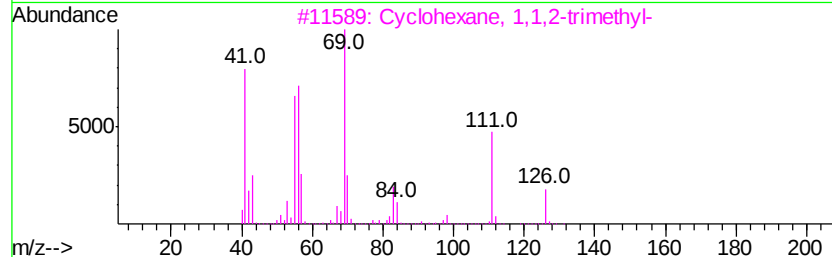
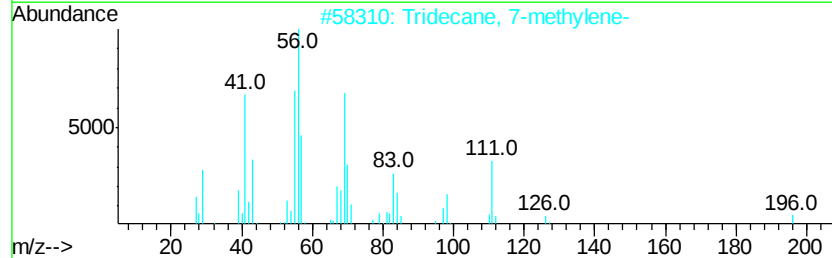
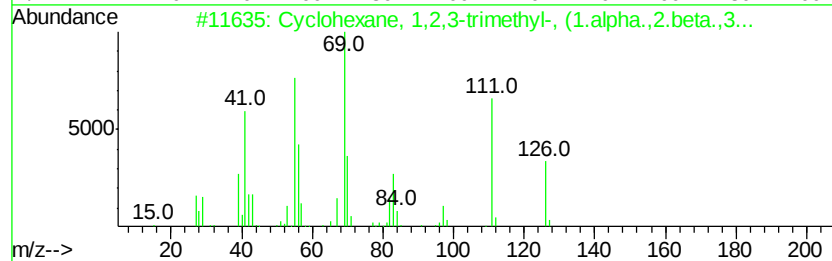
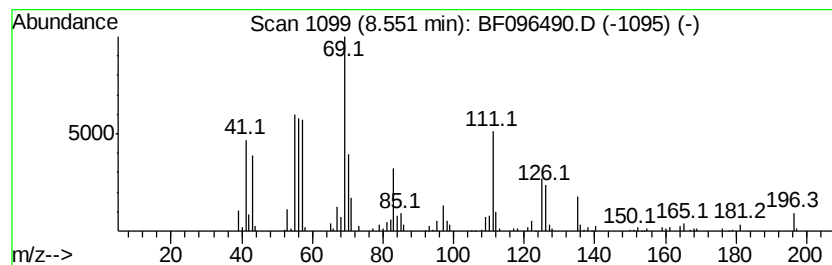
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclohexane, 1,2,3-trimethy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	4.40 ng	219625	Napthalene-d8	7.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	76
2		Tridecane, 7-methylene-	196	C14H28	019780-80-4	70
3		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	68
4		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	58
5		3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070517\
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Acq On : 5 Jul 2017 18:05
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Sample : I3876-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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CAN-SB-10203040506-0-11

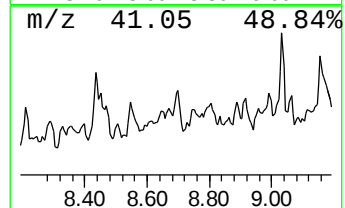
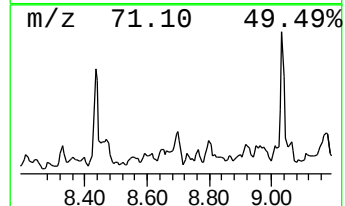
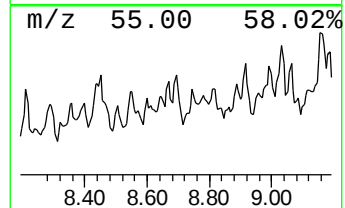
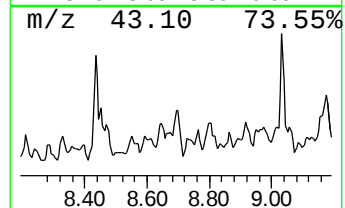
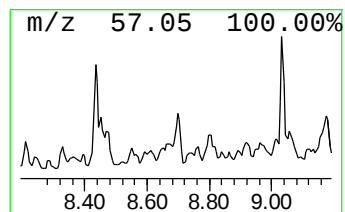
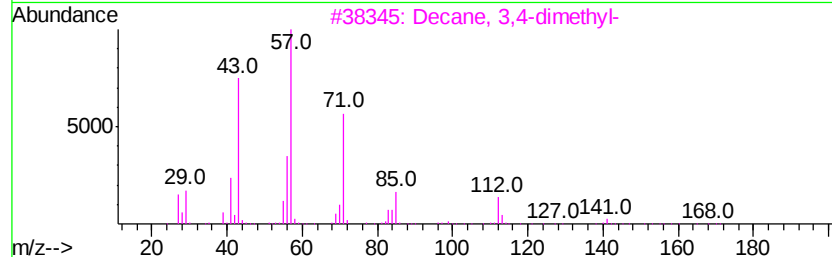
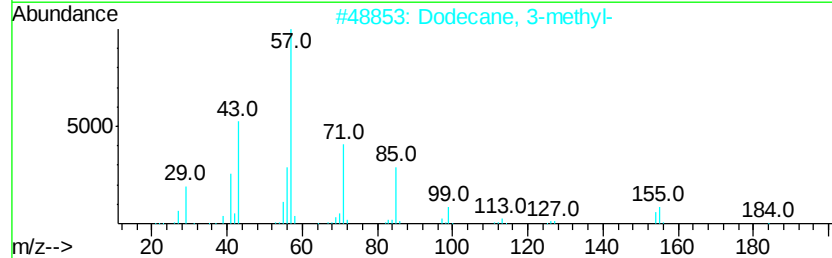
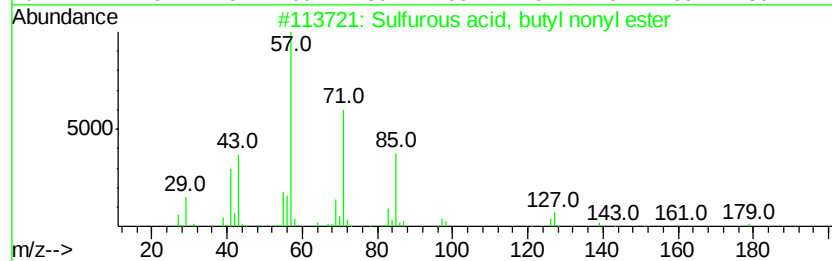
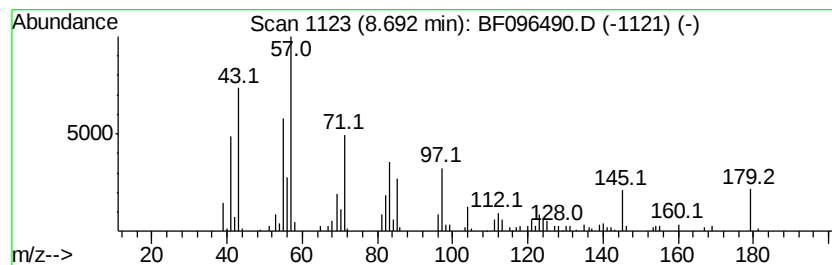
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown8.69 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	5.87 ng	292804	Naphthalene-d8	7.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	38
2			Dodecane, 3-methyl-	184	C13H28	017312-57-1	38
3			Decane, 3,4-dimethyl-	170	C12H26	017312-45-7	38
4			Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	35
5			Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096490.D
Acq On : 5 Jul 2017 18:05
Operator : SJ/MA
Sample : I3876-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAN-SB-10203040506-0-11

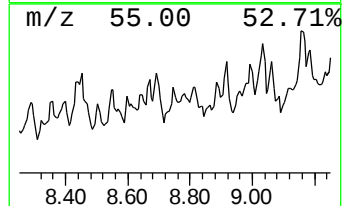
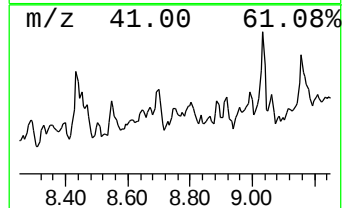
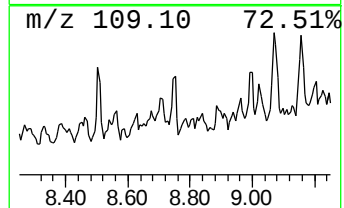
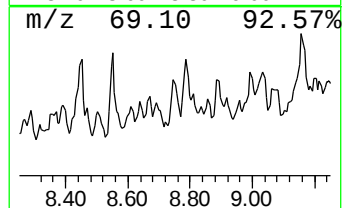
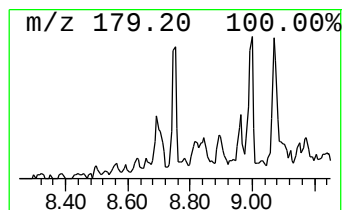
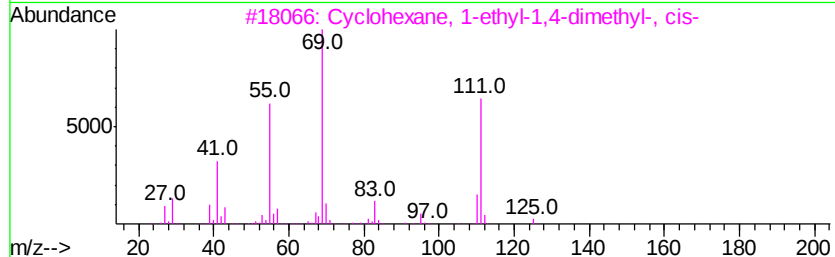
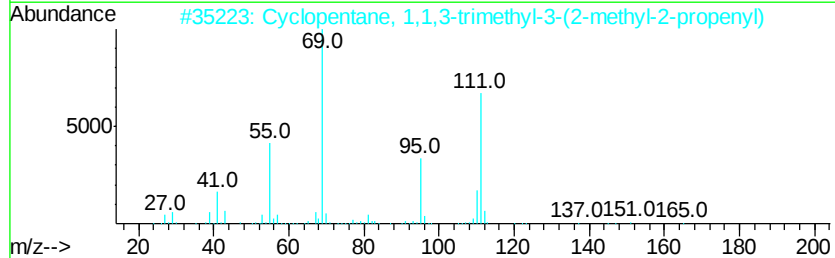
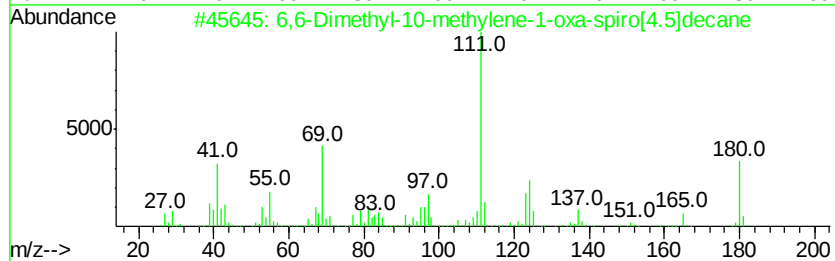
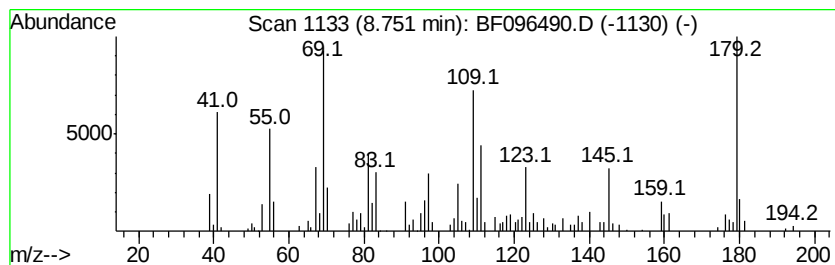
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown8.75 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	3.18 ng	158695	Napthalene-d8	7.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,6-Dimethyl-10-methylene-1-oxa-...	180	C12H20O	043125-87-7	38		
2	Cyclopentane, 1,1,3-trimethyl-3-...	166	C12H22	074421-09-3	35		
3	Cyclohexane, 1-ethyl-1,4-dimethv...	140	C10H20	062238-30-6	35		
4	1,1'-Bicyclohexyl, 2-ethyl-, trans-	194	C14H26	050991-13-4	35		
5	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	35		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070517\
Data File : BF096490.D
Acq On : 5 Jul 2017 18:05
Operator : SJ/MA
Sample : I3876-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

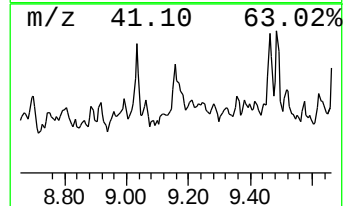
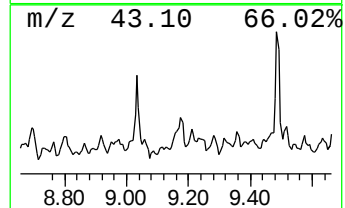
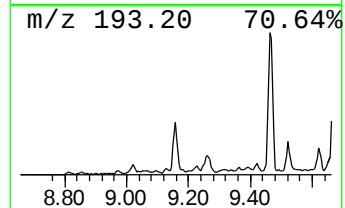
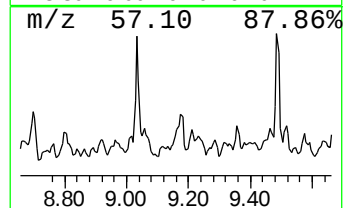
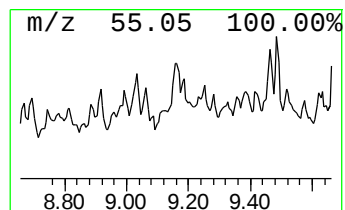
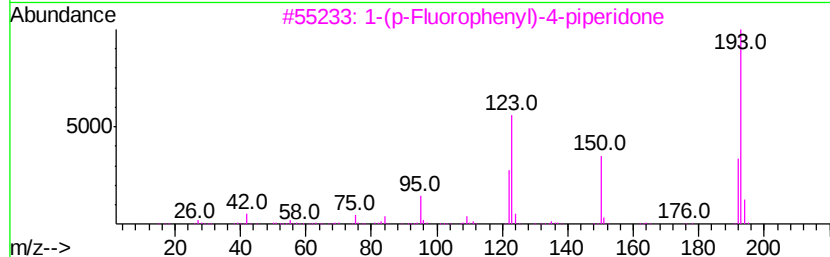
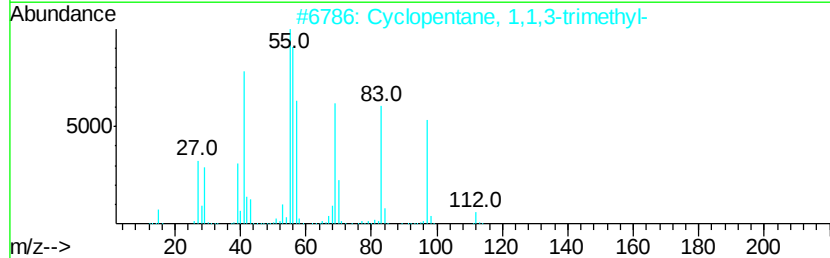
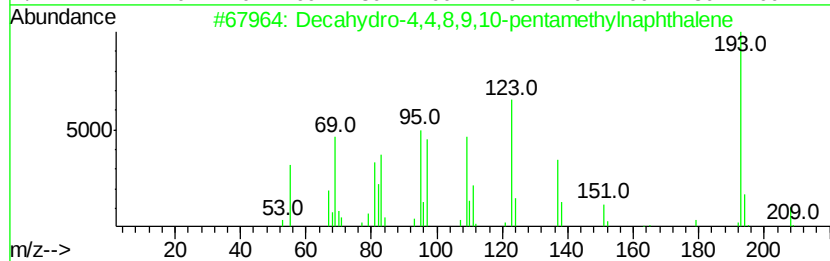
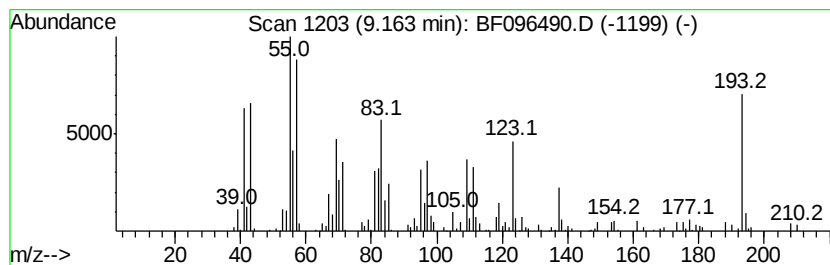
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ClientSampleId :
CAN-SB-10203040506-0-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Decahydro-4,4,8,9,10-pentam... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.16	8.81 ng	451574	Acenaphthene-d10	9.75		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	62
2		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	45
3		1-(p-Fluorophenyl)-4-piperidone	193	C11H12FN0	1000238-56-7	35
4		[1,2,4]Triazolo[1,5-a]pyrimidin-...	193	C8H11N5O	1000351-50-1	30
5		6-Nitroundec-5-ene	199	C11H21NO2	1000192-40-3	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070517\
Data File : BF096490.D
Acq On : 5 Jul 2017 18:05
Operator : SJ/MA
Sample : I3876-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CAN-SB-10203040506-0-11

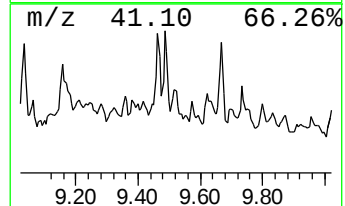
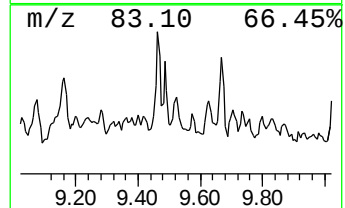
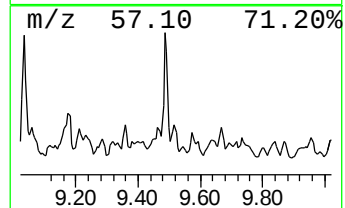
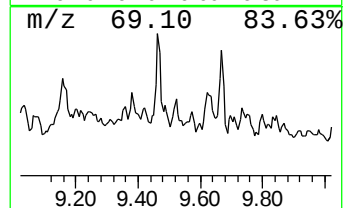
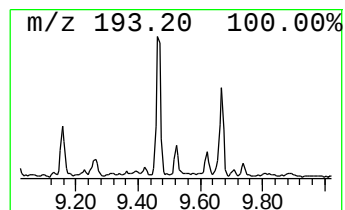
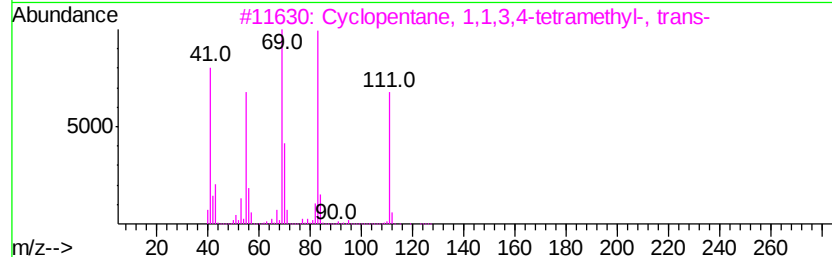
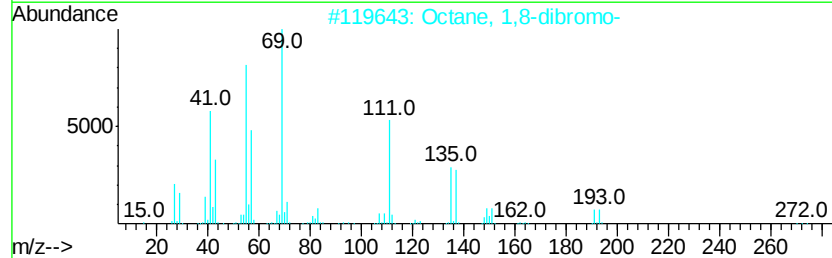
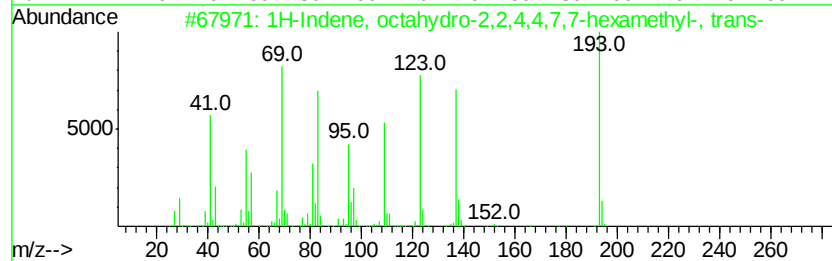
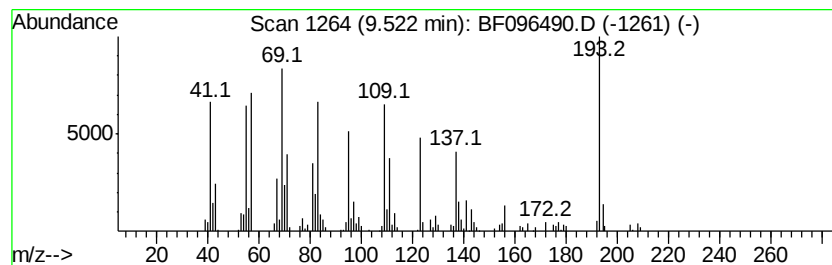
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1H-Indene, octahydro-2,2,4,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	4.29 ng	219786	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	58
2		Octane, 1,8-dibromo-	270	C8H16Br2	004549-32-0	27
3		Cyclopentane, 1,1,3,4-tetramethyl...	126	C9H18	020309-77-7	25
4		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	25
5		Triallylsilane	152	C9H16Si	001116-62-7	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096490.D
Acq On : 5 Jul 2017 18:05
Operator : SJ/MA
Sample : I3876-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CAN-SB-10203040506-0-11

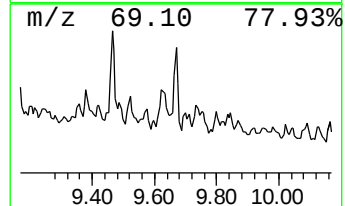
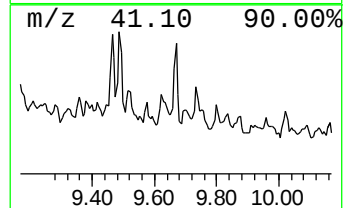
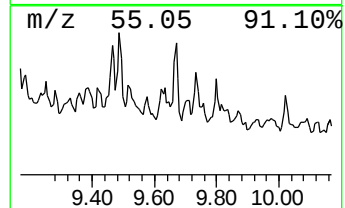
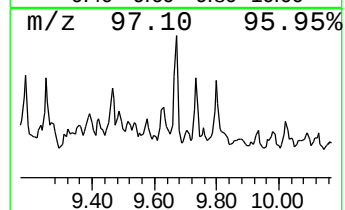
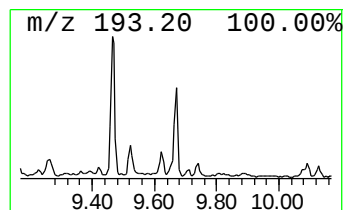
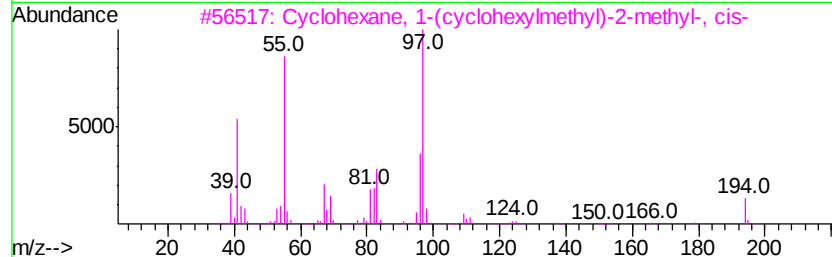
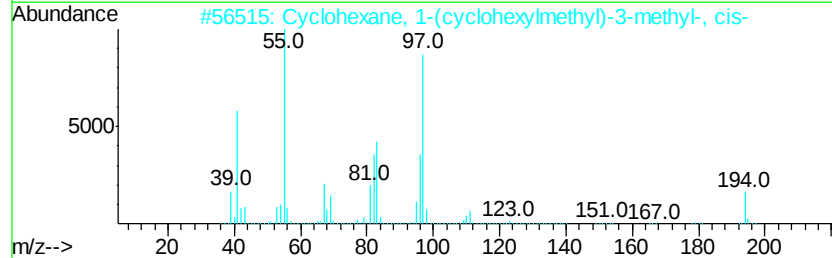
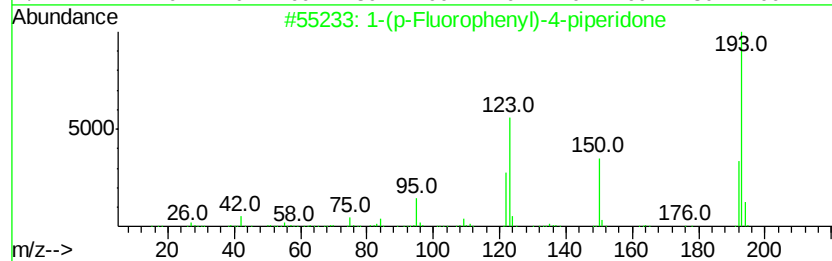
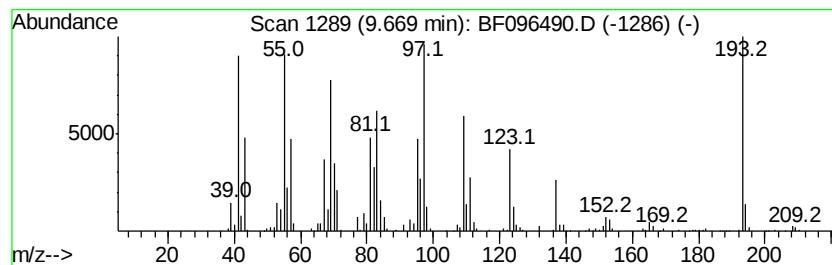
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown9.67 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	8.91 ng	456338	Acenaphthene-d10	9.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	22
2			Cyclohexane, 1-(cyclohexylmethyl)-3-methyl-, cis-	194	C14H26	054823-96-0	18
3			Cyclohexane, 1-(cyclohexylmethyl)-2-methyl-, cis-	194	C14H26	054824-04-3	18
4			Cyclohexane, 1-(cyclohexylmethyl)-2-methyl-, trans-	194	C14H26	054823-97-1	15
5			Cyclopropanemethanol, 2,2,3,3-tetra-	128	C8H16O	002415-96-5	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096490.D
Acq On : 5 Jul 2017 18:05
Operator : SJ/MA
Sample : I3876-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

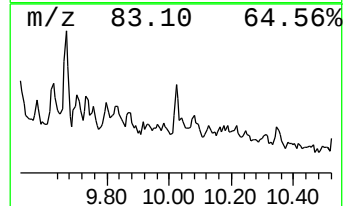
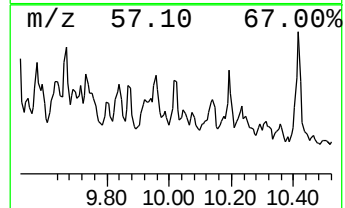
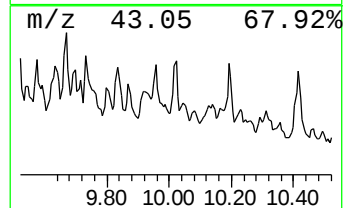
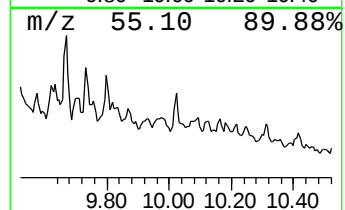
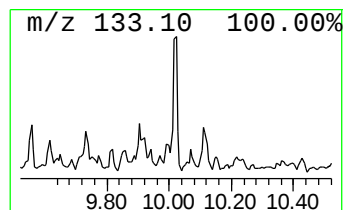
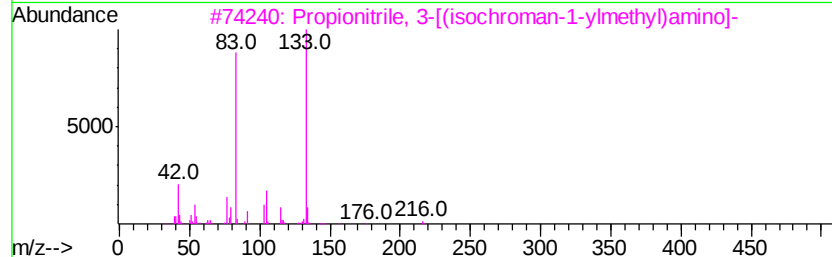
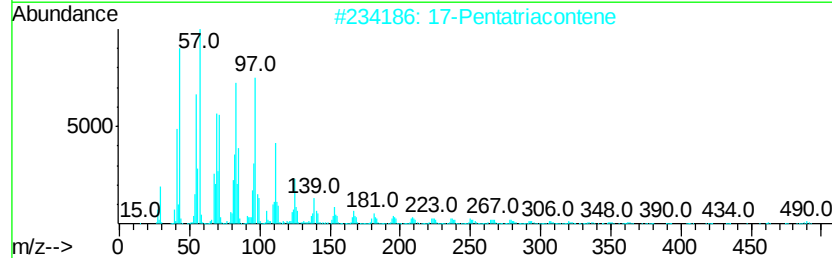
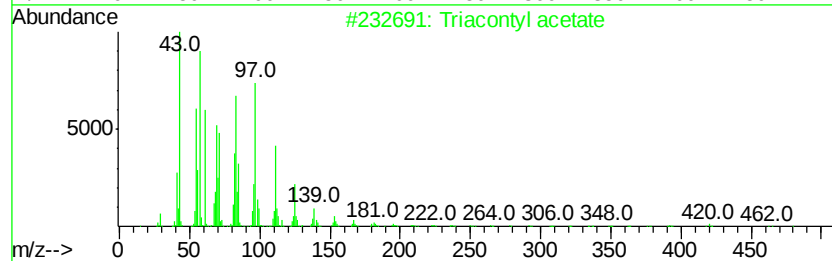
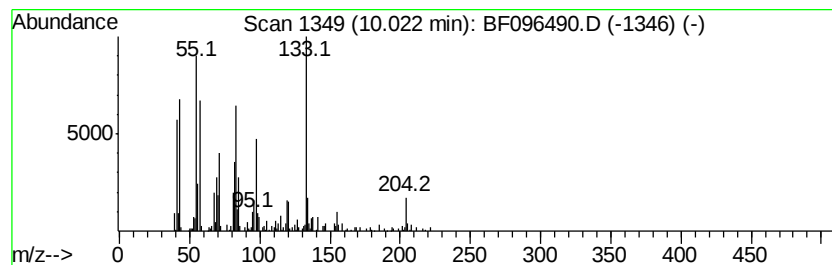
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Triacontyl acetate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.02	3.84 ng	196567	Acenaphthene-d10		9.75	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Triacontyl acetate	480	C32H64O2	041755-58-2	50
2		17-Pentatriacontene	491	C35H70	006971-40-0	43
3		Propionitrile, 3-[(isochroman-1-...	216	C13H16N2O	1000302-78-5	41
4		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	38
5		Octacosanol	410	C28H58O	000557-61-9	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070517\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

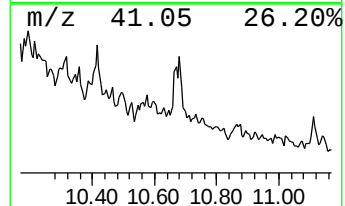
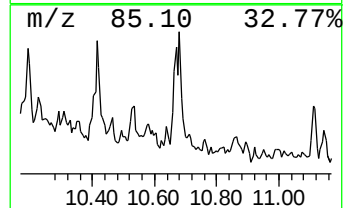
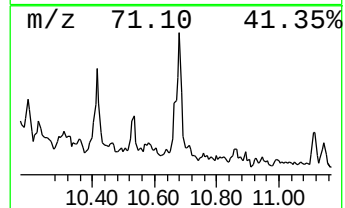
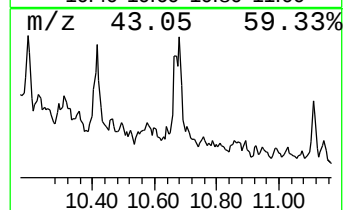
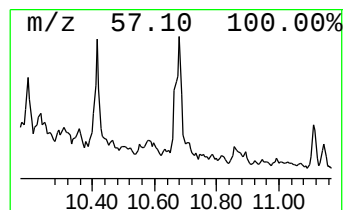
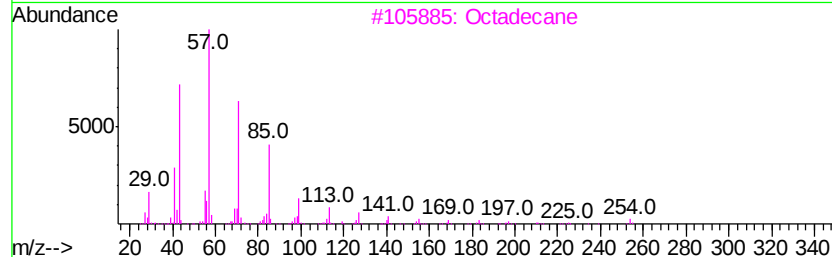
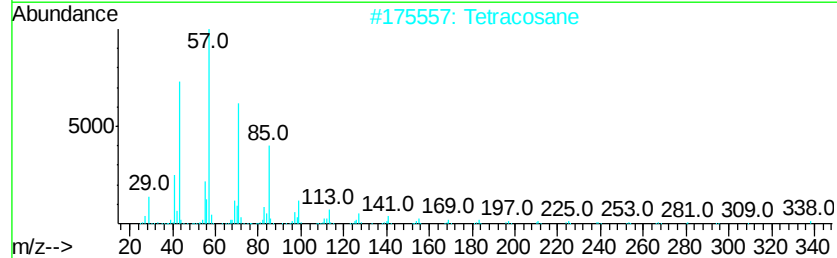
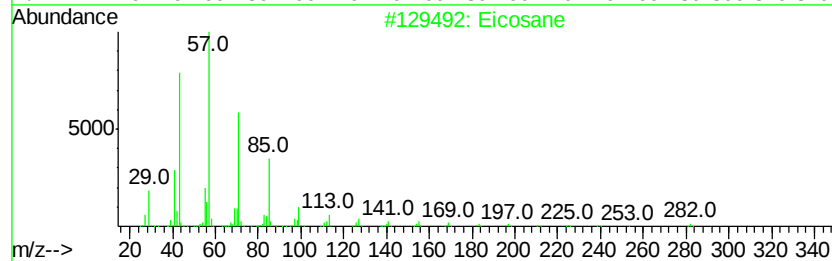
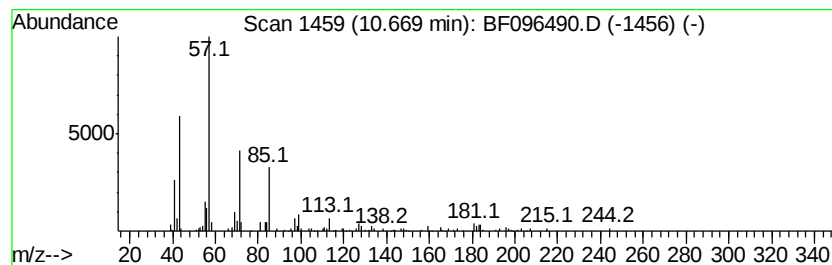
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.67	3.44 ng	118501	Phenanthrene-d10		11.23
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	80
2	Tetracosane	338	C24H50	000646-31-1	64
3	Octadecane	254	C18H38	000593-45-3	64
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	59
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096490.D
Acq On : 5 Jul 2017 18:05
Operator : SJ/MA
Sample : I3876-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

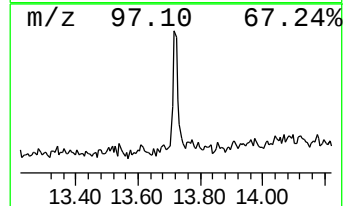
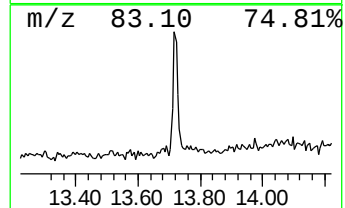
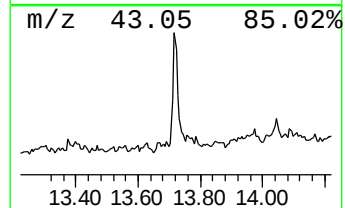
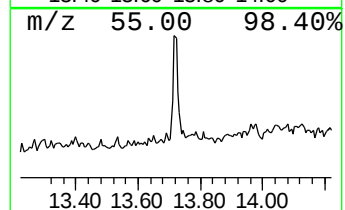
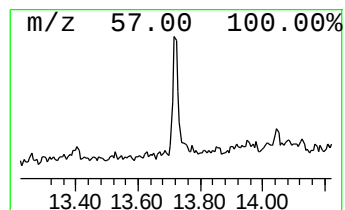
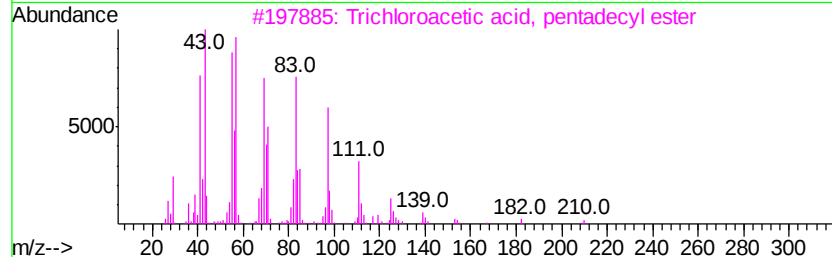
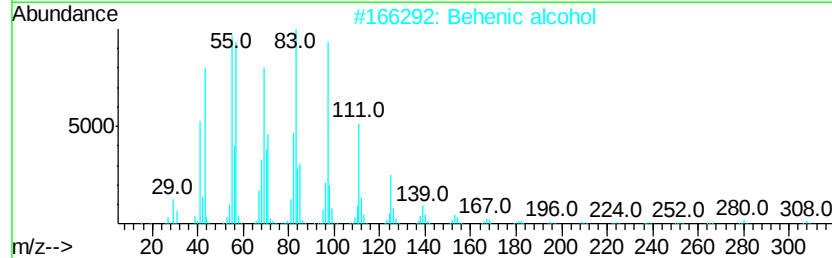
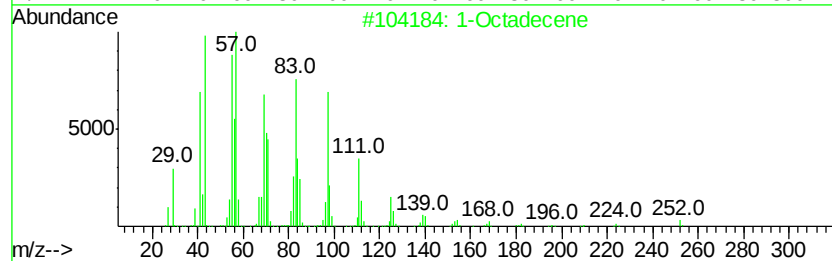
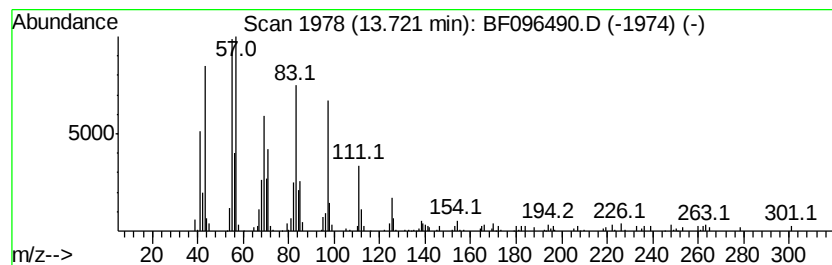
Instrument :
BNA_F
ClientSampleId :
CAN-SB-10203040506-0-11

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1-Octadecene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.72	4.76 ng	175895	Chrysene-d12	13.86		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Octadecene	252	C18H36	000112-88-9	93
2		Behenic alcohol	326	C22H46O	000661-19-8	93
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91
5		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096490.D
Acq On : 5 Jul 2017 18:05
Operator : SJ/MA
Sample : I3876-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAN-SB-10203040506-0-11

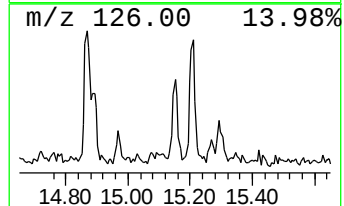
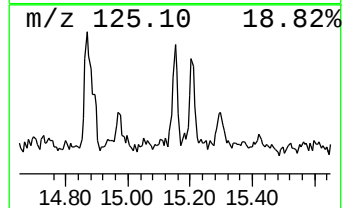
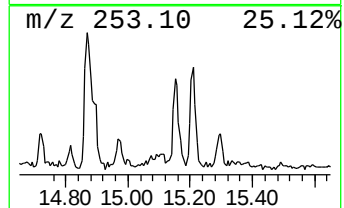
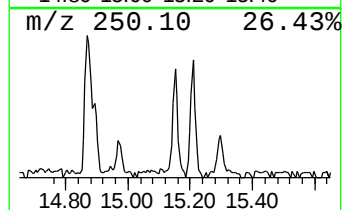
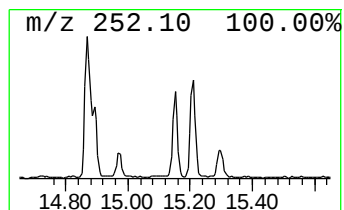
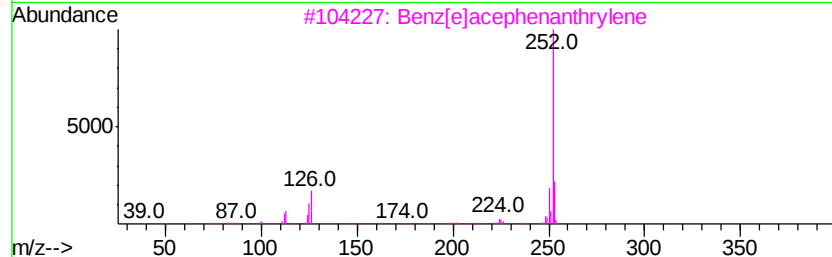
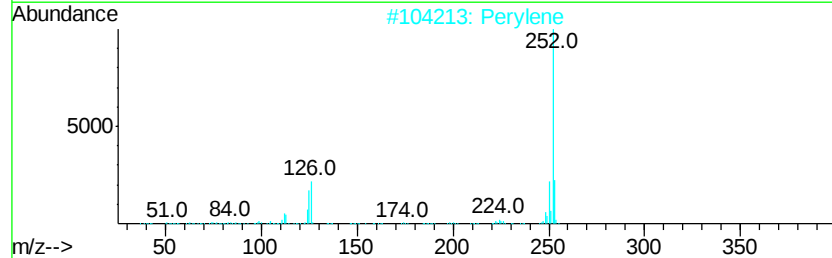
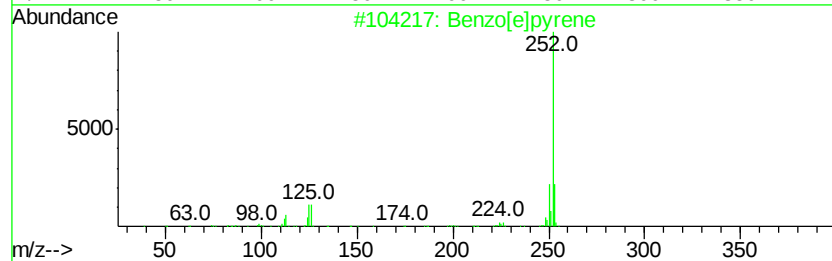
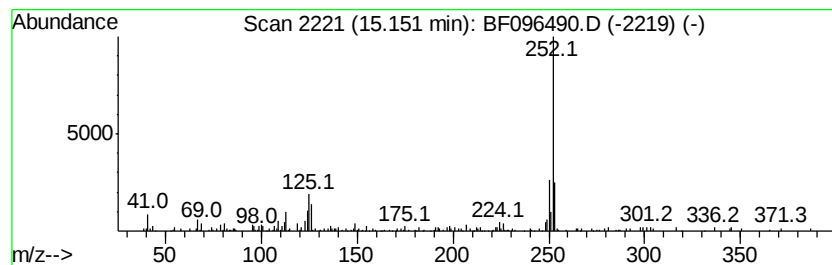
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	3.79 ng	80536	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2		Perylene	252	C20H12	000198-55-0	90
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	87
4		Benzo[i]fluoranthene	252	C20H12	000205-82-3	81
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070517\
 Data File : BF096490.D
 Acq On : 5 Jul 2017 18:05
 Operator : SJ/MA
 Sample : I3876-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAN-SB-10203040506-0-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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
2-Pentanone, 4-hy...	4.90	20.5	ng	620205	1	6.71	604671	20.0
unknown6.48	6.48	93.9	ng	2839170	1	6.71	604671	20.0
trans-4a-Methyl-d...	7.64	4.1	ng	206161	2	7.99	998156	20.0
Octane, 4-ethyl-	8.07	3.2	ng	161119	2	7.99	998156	20.0
Cyclohexane, 2-bu...	8.21	3.0	ng	149617	2	7.99	998156	20.0
Naphthalene, 2-et...	8.29	5.0	ng	247179	2	7.99	998156	20.0
Octacosane	8.33	3.2	ng	158674	2	7.99	998156	20.0
Decane, 2,4-dimet...	8.43	11.4	ng	566505	2	7.99	998156	20.0
Cyclohexane, 1,2,...	8.55	4.4	ng	219625	2	7.99	998156	20.0
unknown8.69	8.69	5.9	ng	292804	2	7.99	998156	20.0
unknown8.75	8.75	3.2	ng	158695	2	7.99	998156	20.0
Decahydro-4,4,8,9...	9.16	8.8	ng	451574	3	9.75	1024790	20.0
1H-Indene, octahy...	9.52	4.3	ng	219786	3	9.75	1024790	20.0
unknown9.67	9.67	8.9	ng	456338	3	9.75	1024790	20.0
Triacetyl acetate	10.02	3.8	ng	196567	3	9.75	1024790	20.0
Eicosane	10.67	3.4	ng	118501	4	11.23	689644	20.0
1-Octadecene	13.72	4.8	ng	175895	5	13.86	739795	20.0
Benzo[e]pyrene	15.15	3.8	ng	80536	6	15.27	424579	20.0