

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061418\
 Data File : BF106449.D
 Acq On : 14 Jun 2018 18:24
 Operator : JU/SJ
 Sample : J3241-11 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-061318-C

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-BF061118.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	5.184	481	484	489	rBV	40200	38608	1.37%	0.172%
2	5.613	554	557	566	rBV	467590	479464	17.04%	2.136%
3	6.613	724	727	734	rBV	528516	506732	18.01%	2.258%
4	6.742	746	749	753	rVB	563889	507500	18.03%	2.261%
5	6.789	753	757	760	rBV	54079	43176	1.53%	0.192%
6	6.966	783	787	790	rVB	984542	792229	28.15%	3.530%
7	7.119	807	813	818	rVB	519055	438424	15.58%	1.953%
8	7.231	826	832	834	rBV5	45636	50430	1.79%	0.225%
9	7.278	838	840	847	rVB2	27551	43603	1.55%	0.194%
10	7.336	847	850	852	rBV2	31342	31410	1.12%	0.140%
11	7.489	871	876	879	rBV2	60234	79992	2.84%	0.356%
12	7.519	879	881	884	rVV	330278	320221	11.38%	1.427%
13	7.548	884	886	890	rVB	161352	131368	4.67%	0.585%
14	7.601	890	895	898	rBV4	57458	83628	2.97%	0.373%
15	7.654	898	904	908	rBV5	34386	66950	2.38%	0.298%
16	7.731	914	917	919	rBV2	46280	34704	1.23%	0.155%
17	7.772	919	924	929	rVB4	58043	91699	3.26%	0.409%
18	7.860	936	939	941	rVB	56276	42289	1.50%	0.188%
19	7.883	941	943	946	rBV2	64956	68840	2.45%	0.307%
20	7.948	951	954	957	rBV3	34219	34553	1.23%	0.154%
21	7.983	957	960	962	rBV	104102	84125	2.99%	0.375%
22	8.054	969	972	975	rBV4	35419	37860	1.35%	0.169%
23	8.113	979	982	985	rVB2	47739	43284	1.54%	0.193%
24	8.213	997	999	1002	rBV	261735	241606	8.58%	1.076%
25	8.248	1002	1005	1008	rVV	1232708	1023418	36.36%	4.559%
26	8.295	1010	1013	1015	rVB2	212016	180426	6.41%	0.804%
27	8.330	1015	1019	1024	rBV4	61438	82580	2.93%	0.368%
28	8.442	1036	1038	1043	rVB2	70425	62356	2.22%	0.278%
29	8.489	1044	1046	1049	rBV3	28018	30983	1.10%	0.138%
30	8.530	1049	1053	1057	rVB4	169993	182389	6.48%	0.813%
31	8.578	1057	1061	1065	rBV5	49840	88338	3.14%	0.394%
32	8.613	1065	1067	1069	rVV2	64348	68524	2.43%	0.305%
33	8.654	1071	1074	1077	rVV	279473	208758	7.42%	0.930%
34	8.683	1077	1079	1081	rVV2	58236	51756	1.84%	0.231%

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

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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-BF061118.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.707	1081	1083	1087	rVB4	41038	43921	1.56%	0.196%
36	8.748	1087	1090	1092	rBV	131089	99610	3.54%	0.444%
37	8.783	1092	1096	1098	rVV3	34629	38247	1.36%	0.170%
38	8.825	1100	1103	1107	rVV	423900	339708	12.07%	1.513%
39	8.872	1107	1111	1112	rVV4	46997	69587	2.47%	0.310%
40	8.907	1115	1117	1124	rVB4	87046	145566	5.17%	0.649%
41	9.019	1133	1136	1138	rBV3	44689	48598	1.73%	0.217%
42	9.066	1142	1144	1146	rVV2	132119	111483	3.96%	0.497%
43	9.107	1149	1151	1152	rVV2	73999	61301	2.18%	0.273%
44	9.148	1155	1158	1161	rVV3	88259	114459	4.07%	0.510%
45	9.189	1161	1165	1167	rVV4	115084	117340	4.17%	0.523%
46	9.230	1170	1172	1174	rVV	68550	62285	2.21%	0.277%
47	9.254	1174	1176	1178	rVV	276091	202608	7.20%	0.903%
48	9.283	1178	1181	1183	rVV3	37876	44866	1.59%	0.200%
49	9.319	1183	1187	1191	rVB	719751	574247	20.40%	2.558%
50	9.389	1196	1199	1203	rBV	458080	388137	13.79%	1.729%
51	9.472	1211	1213	1215	rVB2	77816	58504	2.08%	0.261%
52	9.577	1229	1231	1237	rBV6	54232	76799	2.73%	0.342%
53	9.630	1237	1240	1241	rBV2	51173	48959	1.74%	0.218%
54	9.713	1250	1254	1261	rVB3	308088	401403	14.26%	1.788%
55	9.772	1261	1264	1267	rVV4	58428	61619	2.19%	0.275%
56	9.819	1270	1272	1274	rVB2	49543	33739	1.20%	0.150%
57	9.866	1277	1280	1282	rBV2	54204	44684	1.59%	0.199%
58	9.919	1286	1289	1293	rVB	355689	295065	10.48%	1.315%
59	10.007	1298	1304	1307	rBV2	1080063	939116	33.37%	4.184%
60	10.101	1318	1320	1325	rVB4	27953	31998	1.14%	0.143%
61	10.160	1325	1330	1331	rBV5	32130	50619	1.80%	0.226%
62	10.177	1331	1333	1335	rVV2	54236	45751	1.63%	0.204%
63	10.207	1335	1338	1341	rVB3	54068	54167	1.92%	0.241%
64	10.242	1341	1344	1348	rBV2	90658	102964	3.66%	0.459%
65	10.277	1348	1350	1354	rVB2	39832	37373	1.33%	0.167%
66	10.319	1354	1357	1360	rBV3	54510	64186	2.28%	0.286%
67	10.419	1369	1374	1377	rBV	285793	256205	9.10%	1.141%
68	10.636	1407	1411	1414	rBV	120898	143361	5.09%	0.639%
69	10.760	1430	1432	1435	rVB4	40512	38153	1.36%	0.170%
70	10.795	1435	1438	1442	rBV	293556	257759	9.16%	1.148%
71	10.895	1452	1455	1460	rBV2	227902	318460	11.32%	1.419%

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ClientSampleId :
HR-05-061318-C

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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72	11.083	1485	1487	1491	rBV3	24565	35219	1.25%	0.157%
73	11.342	1528	1531	1534	rBV	149087	115167	4.09%	0.513%
74	11.371	1534	1536	1539	rVB	71809	59038	2.10%	0.263%
75	11.495	1554	1557	1560	rBV	922622	836185	29.71%	3.725%
76	11.519	1560	1561	1565	rVV	182683	133512	4.74%	0.595%
77	11.571	1567	1570	1573	rBV	50724	37077	1.32%	0.165%
78	11.771	1601	1604	1607	rBV	103972	85124	3.02%	0.379%
79	11.871	1618	1621	1625	rVB	819060	643116	22.85%	2.865%
80	12.024	1645	1647	1650	rVB	43224	38843	1.38%	0.173%
81	12.113	1659	1662	1664	rBV2	40272	41177	1.46%	0.183%
82	12.177	1670	1673	1676	rBV	78914	71335	2.53%	0.318%
83	12.295	1688	1693	1695	rBV2	21756	30963	1.10%	0.138%
84	12.566	1733	1739	1741	rBV	2845690	2814346	100.00%	12.538%
85	12.583	1741	1742	1749	rVV2	2009991	1612046	57.28%	7.182%
86	12.666	1753	1756	1760	rVB	453683	359548	12.78%	1.602%
87	12.713	1761	1764	1767	rBV	371321	289675	10.29%	1.291%
88	12.942	1798	1803	1809	rVB	331479	371977	13.22%	1.657%
89	13.077	1823	1826	1829	rBV	554497	451981	16.06%	2.014%
90	13.160	1836	1840	1843	rBV3	25557	42487	1.51%	0.189%
91	13.271	1856	1859	1861	rVB	51920	49766	1.77%	0.222%
92	13.295	1861	1863	1865	rVV	43432	36178	1.29%	0.161%
93	13.336	1868	1870	1873	rVB	47375	38306	1.36%	0.171%
94	13.395	1878	1880	1883	rVB2	37651	33535	1.19%	0.149%
95	14.065	1992	1994	1999	rBV2	58449	71506	2.54%	0.319%
96	14.148	2003	2008	2011	rVV2	1010347	1089820	38.72%	4.855%
97	14.177	2011	2013	2018	rVB	138171	131838	4.68%	0.587%
98	15.230	2190	2192	2195	rBV	79150	98673	3.51%	0.440%
99	15.624	2256	2259	2266	rVB	76268	97796	3.47%	0.436%
100	15.689	2266	2270	2279	rBV	459724	634584	22.55%	2.827%

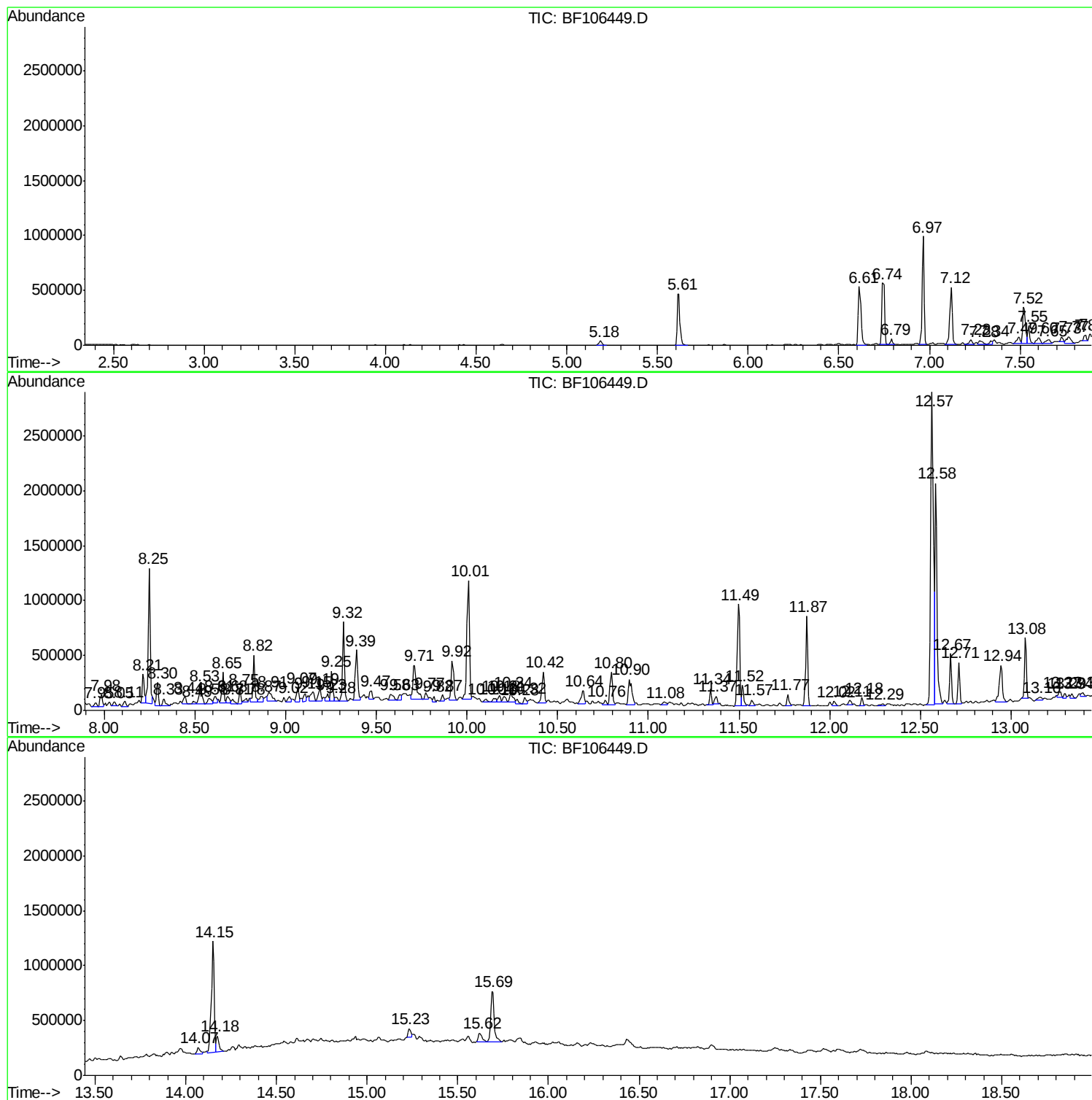
Sum of corrected areas: 22445888

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Instrument :
BNA_F
ClientSampled :
HR-05-061318-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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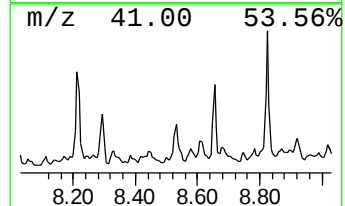
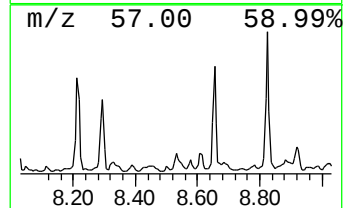
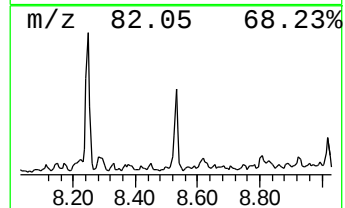
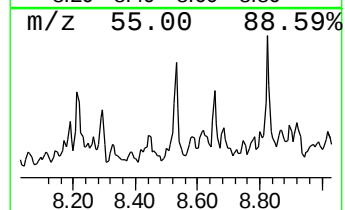
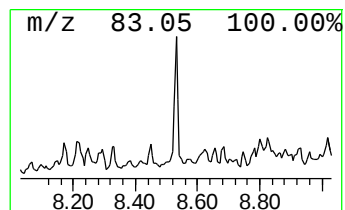
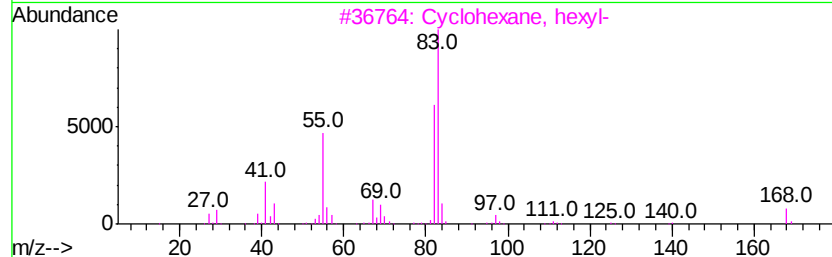
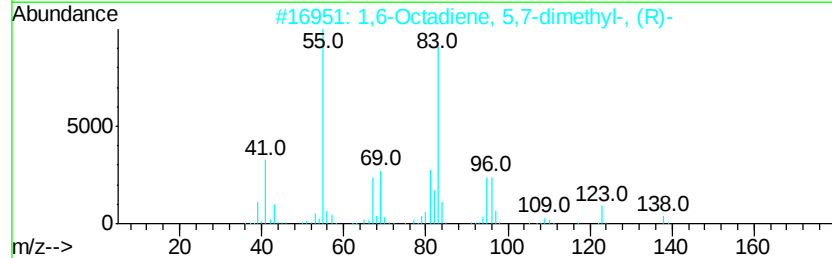
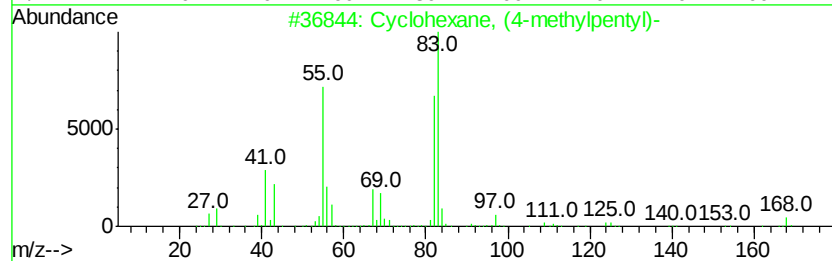
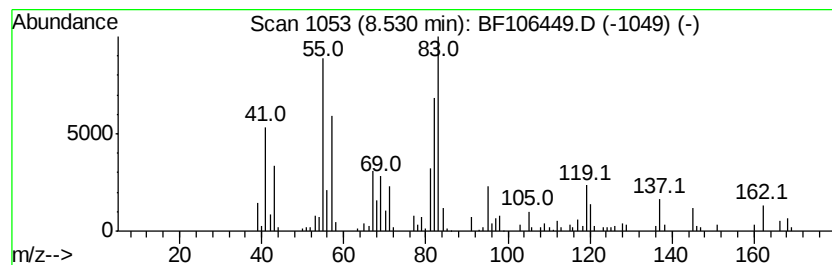
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Cyclohexane, (4-methylpentyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	3.56 ng	182389	Napthalene-d8	8.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	55
2			1,6-Octadiene, 5,7-dimethyl-, (R)-	138	C10H18	085006-04-8	45
3			Cyclohexane, hexyl-	168	C12H24	004292-75-5	43
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
5			Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	43



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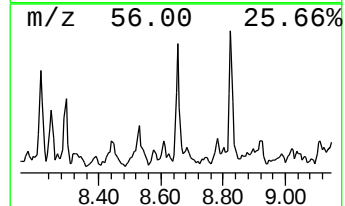
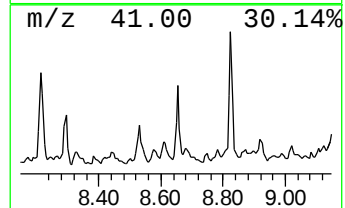
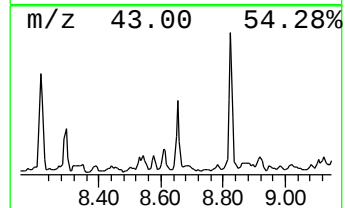
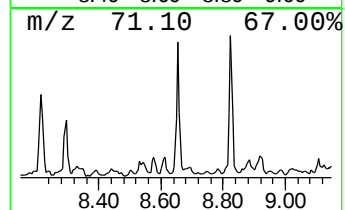
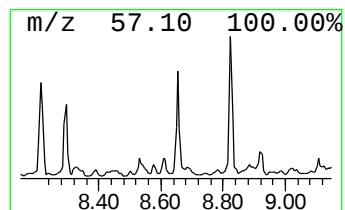
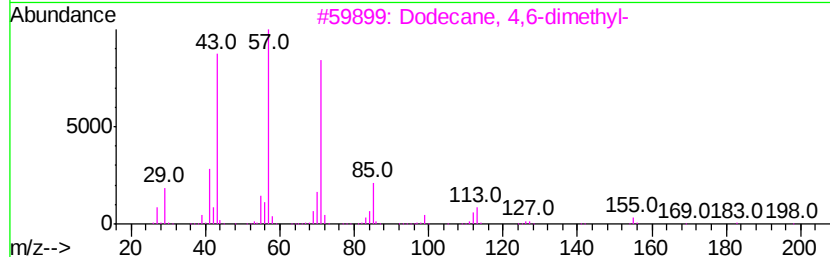
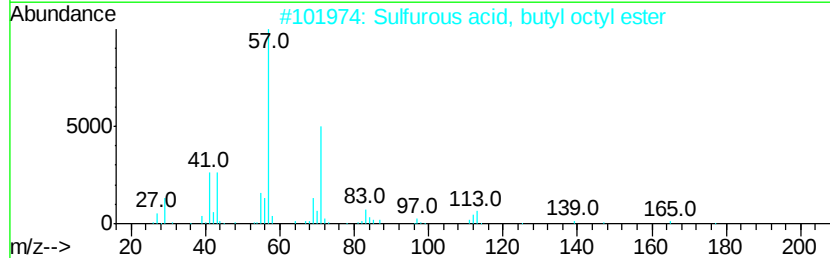
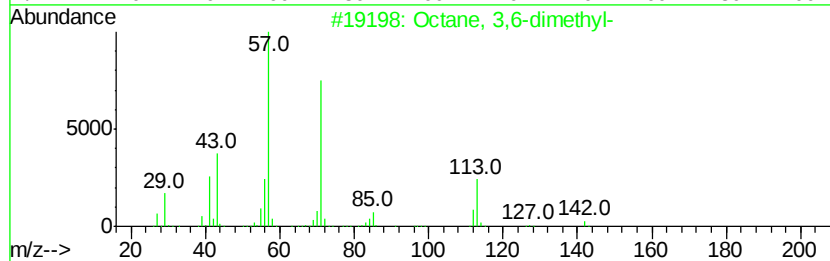
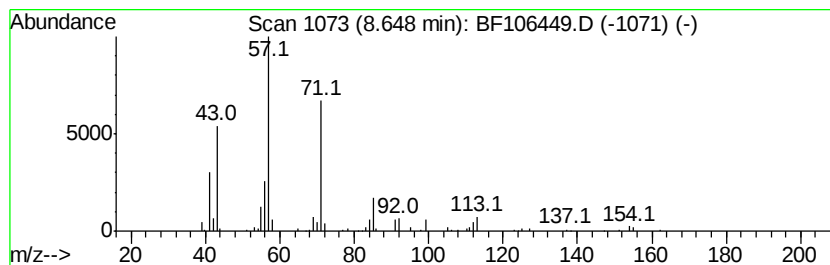
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octane, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	4.08 ng	208758	Napthalene-d8	8.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octane, 3,6-dimethyl-	142 C10H22	015869-94-0	78
2	Sulfurous acid, butyl octyl ester	250 C12H26O3S	1000309-17-5	72
3	Dodecane, 4,6-dimethyl-	198 C14H30	061141-72-8	72
4	Undecane, 6,6-dimethyl-	184 C13H28	017312-76-4	64
5	Oxalic acid, bis(2-ethylhexyl) e...	314 C18H34O4	1000309-39-0	64



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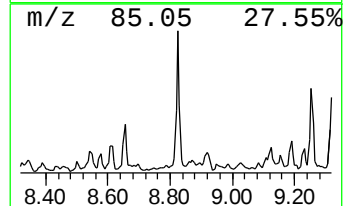
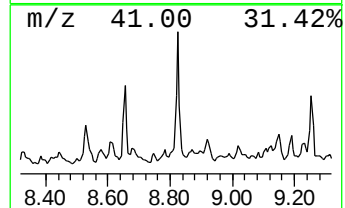
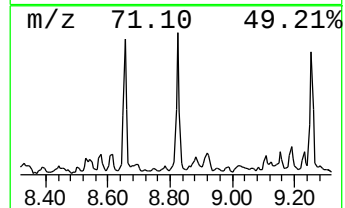
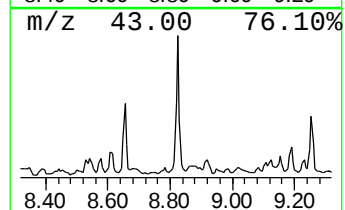
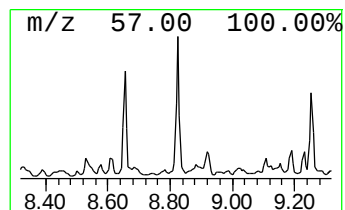
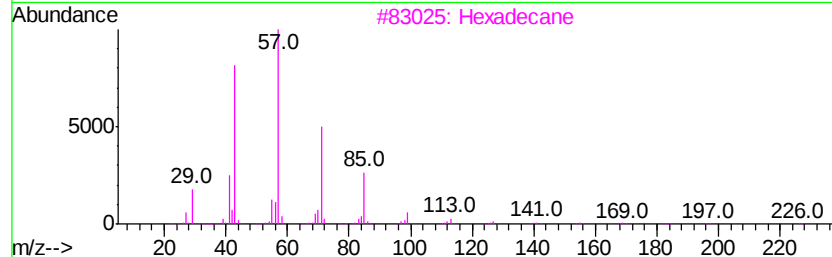
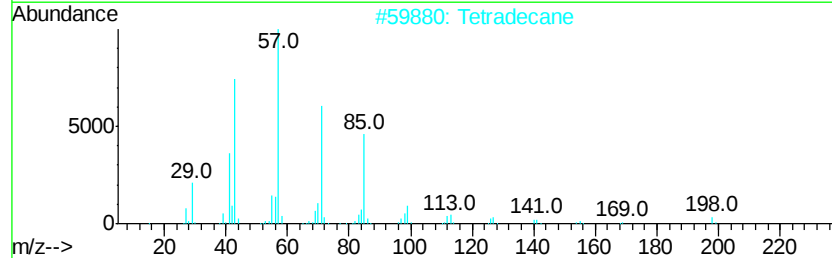
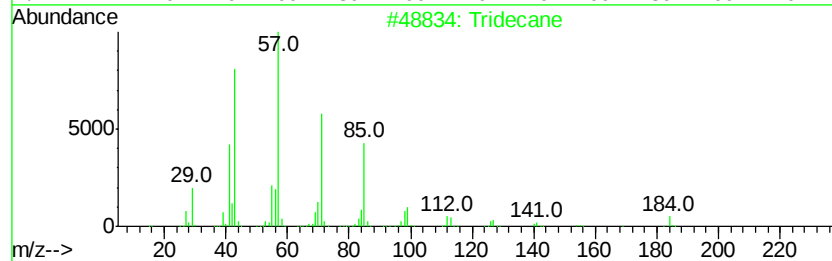
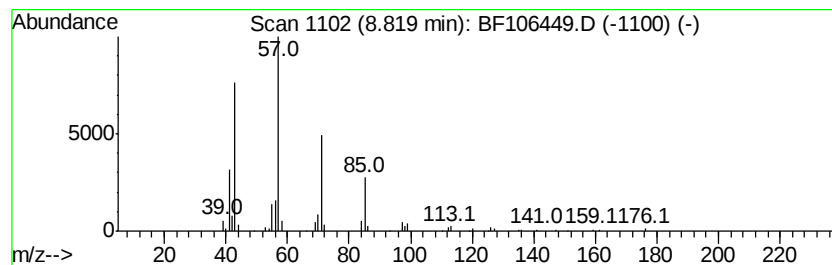
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	6.64 ng	339708	Napthalene-d8	8.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	95
2	Tetradecane		198	C14H30	000629-59-4	90
3	Hexadecane		226	C16H34	000544-76-3	90
4	Nonane, 5-butyl-		184	C13H28	017312-63-9	87
5	Decane, 5-propyl-		184	C13H28	017312-62-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106449.D
Acq On : 14 Jun 2018 18:24
Operator : JU/SJ
Sample : J3241-11 5X
Misc :
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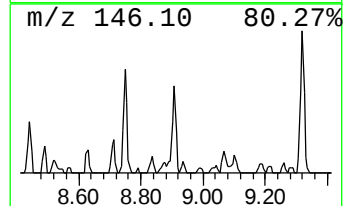
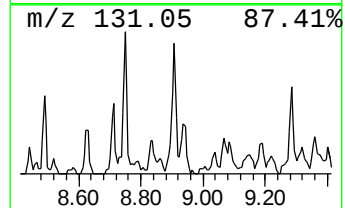
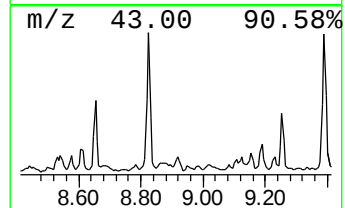
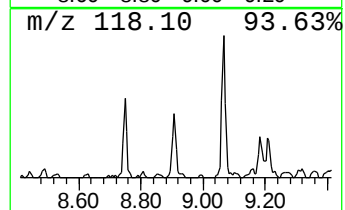
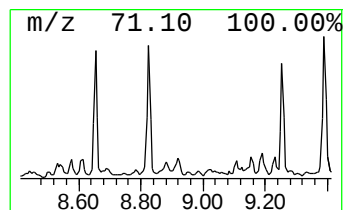
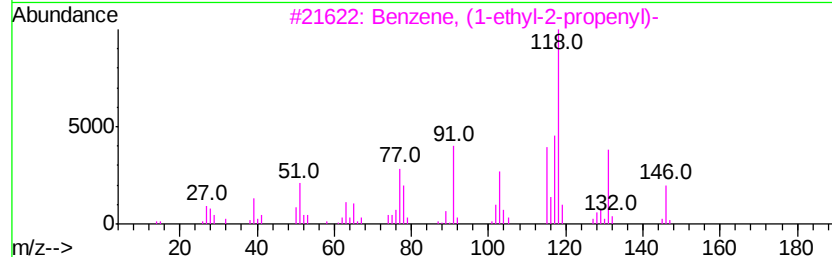
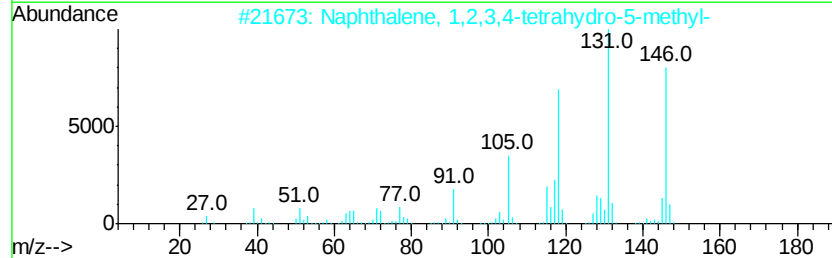
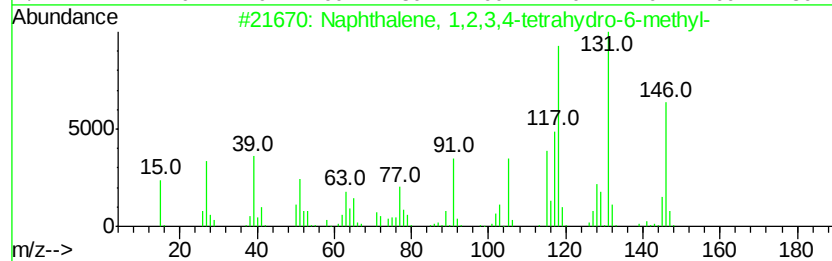
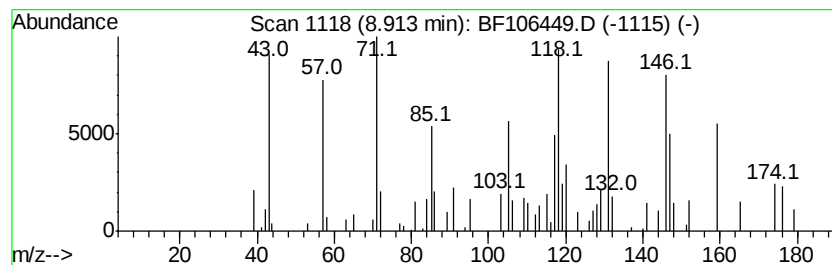
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,2,3,4-tetra... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	2.84 ng	145566	Naphthalene-d8	8.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91
3			Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	81
4			1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	80
5			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106449.D
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ClientSampleId :
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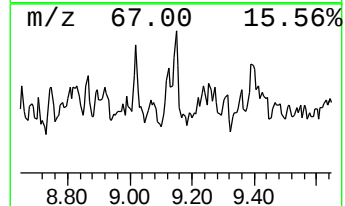
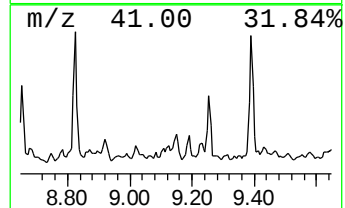
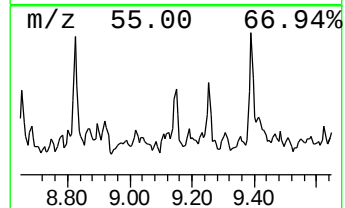
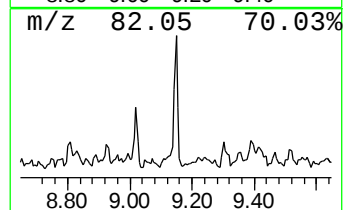
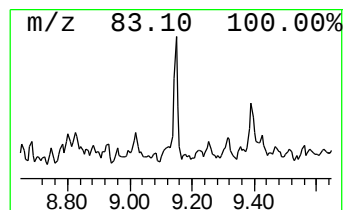
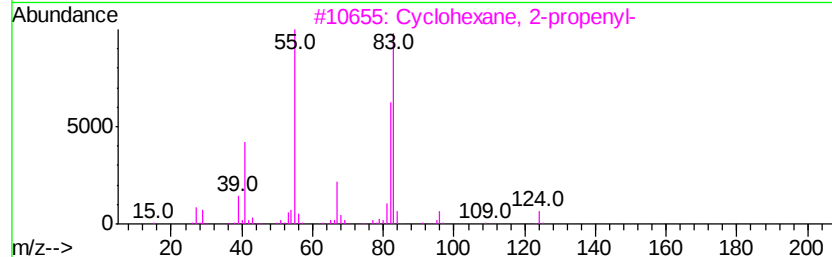
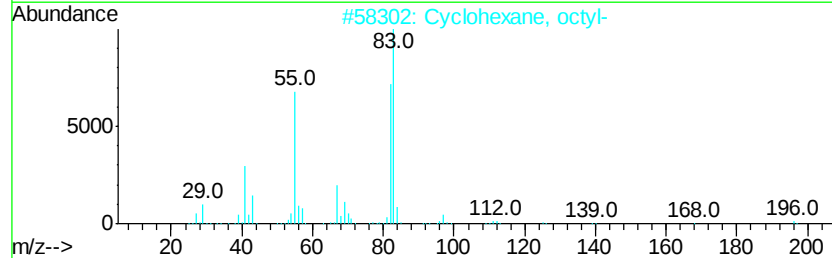
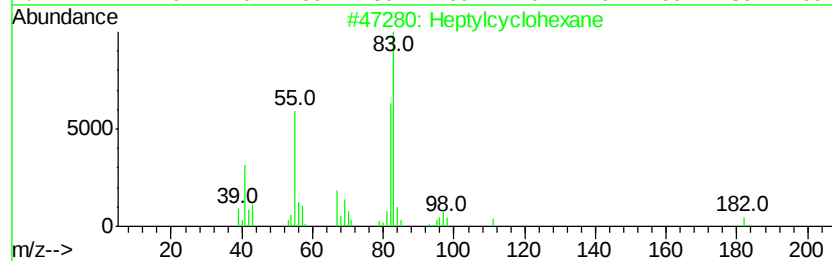
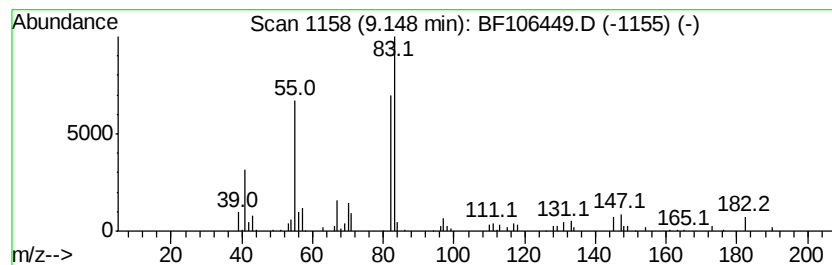
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptylcyclohexane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	2.44 ng	114459	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptylcyclohexane	182	C13H26	005617-41-4	74
2		Cyclohexane, octyl-	196	C14H28	001795-15-9	59
3		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
5		5-Cyano-1,2,3-thiadiazole	111	C3HN3S	057352-02-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106449.D
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Sample : J3241-11 5X
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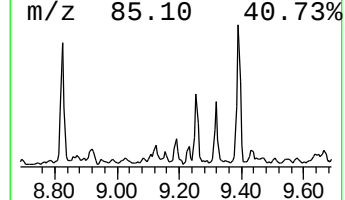
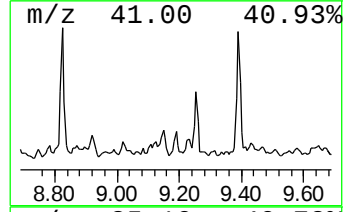
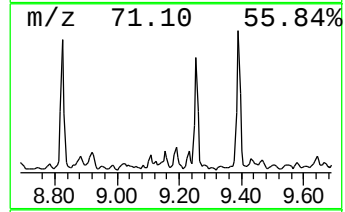
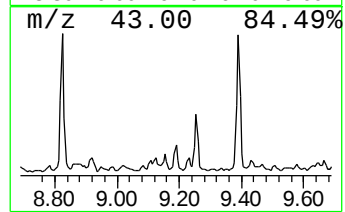
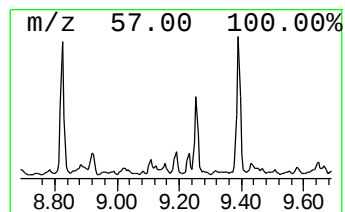
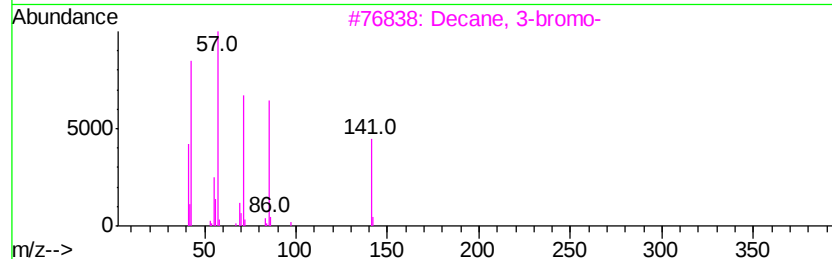
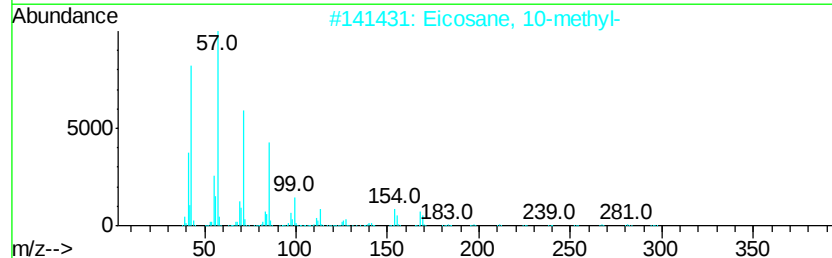
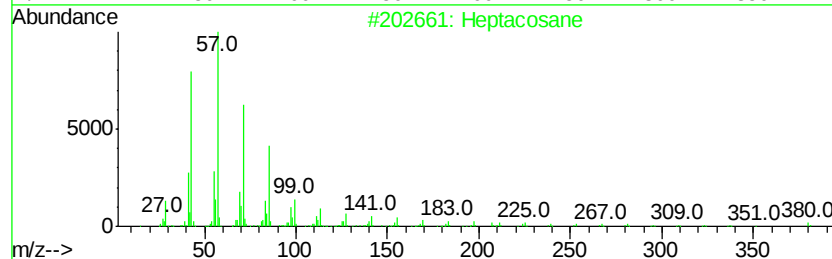
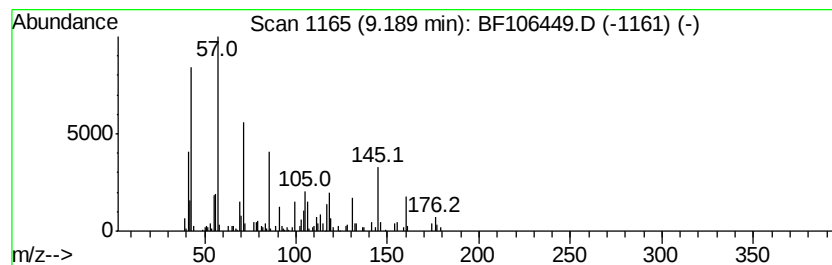
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown9.19 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.19	2.50 ng	117340	Acenaphthene-d10	10.01	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	30
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	30
3	Decane, 3-bromo-	220	C10H21Br	030571-71-2	30
4	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	27
5	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106449.D
Acq On : 14 Jun 2018 18:24
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ALS Vial : 15 Sample Multiplier: 1

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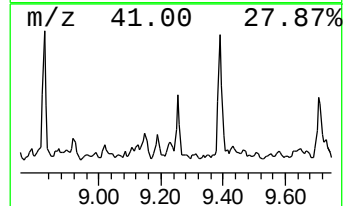
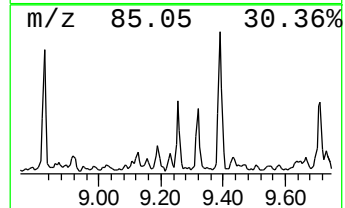
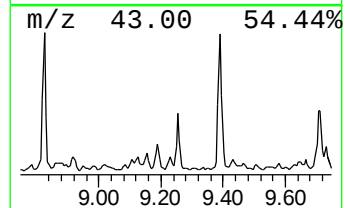
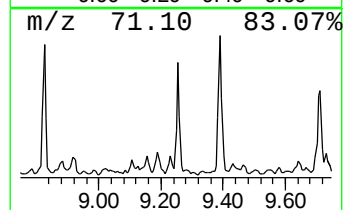
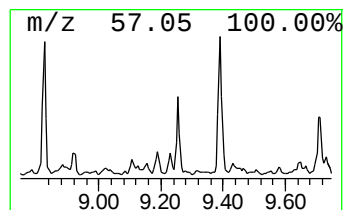
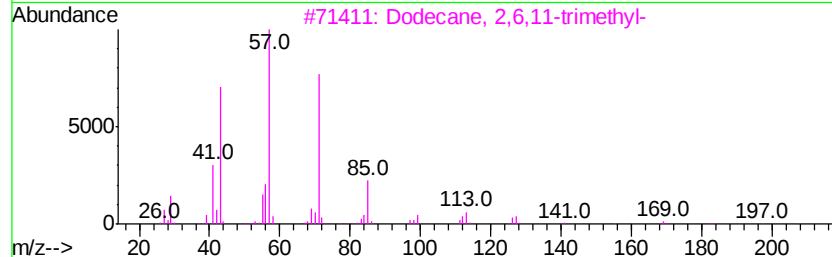
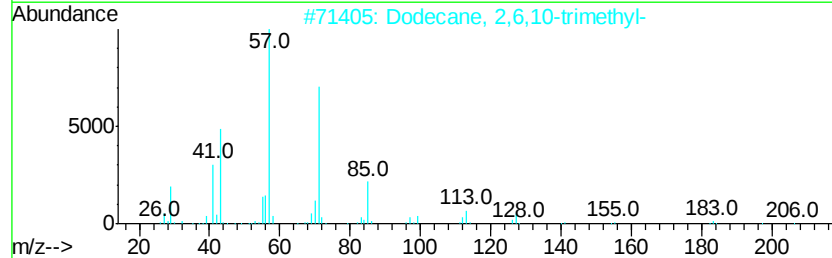
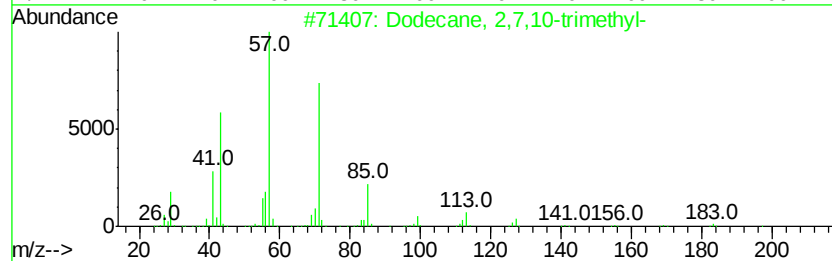
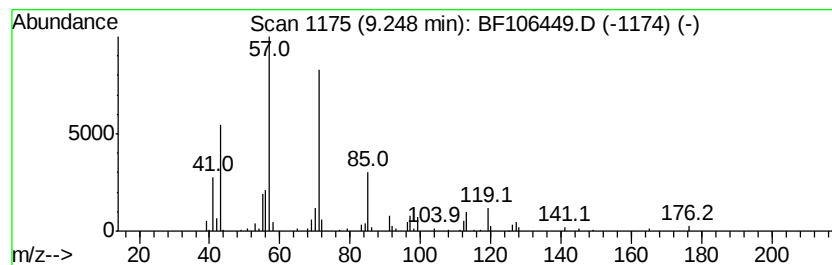
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane, 2,7,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	4.31 ng	202608	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4		Heptacosane	380	C27H56	000593-49-7	72
5		Decane, 5-propyl-	184	C13H28	017312-62-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106449.D
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Misc :
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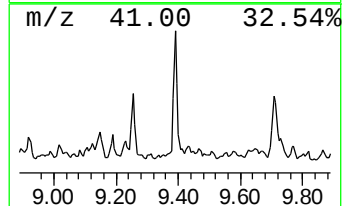
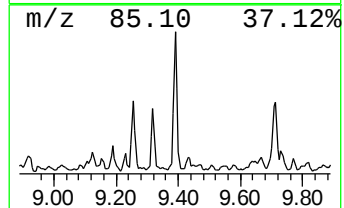
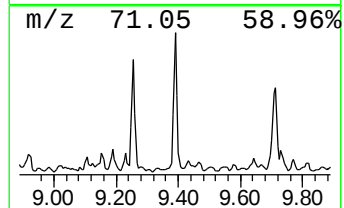
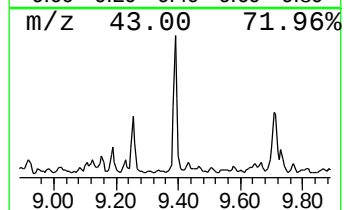
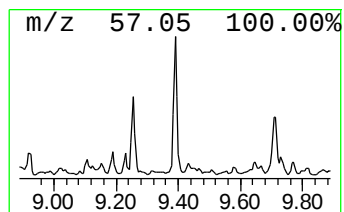
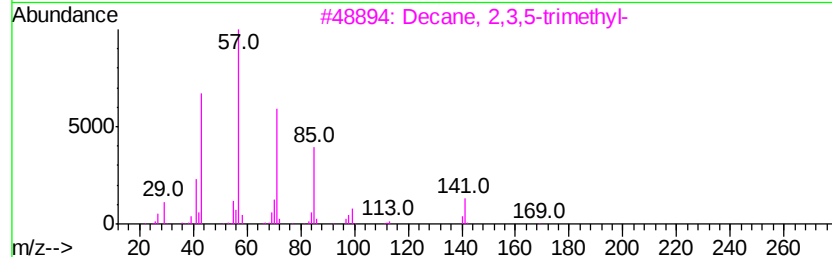
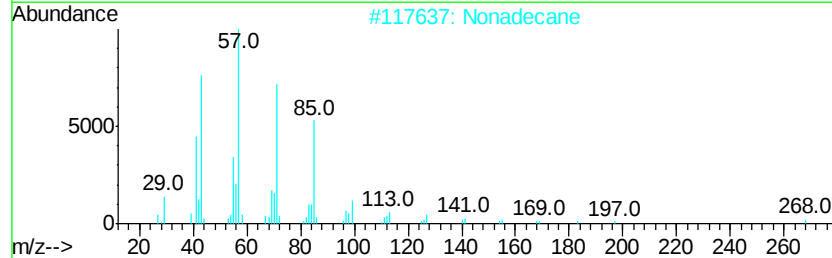
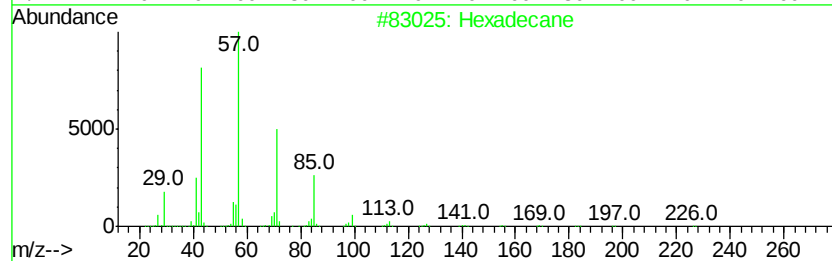
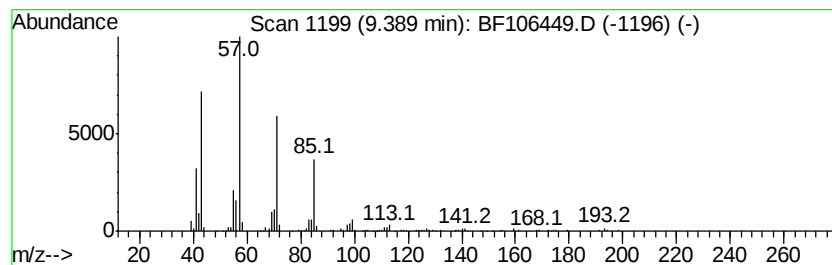
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	8.27 ng	388137	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Nonadecane	268	C19H40	000629-92-5	86
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4		9-methylheptadecane	254	C18H38	026741-18-4	83
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
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ALS Vial : 15 Sample Multiplier: 1

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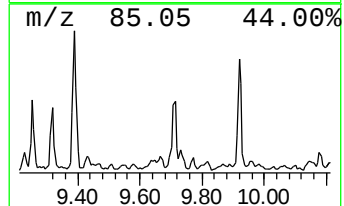
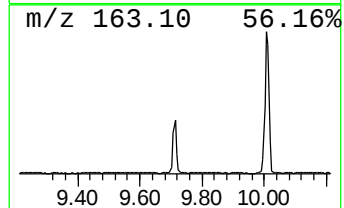
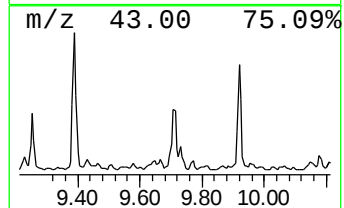
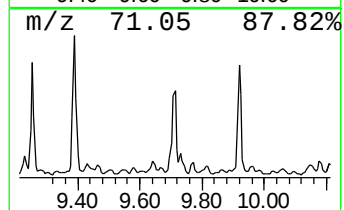
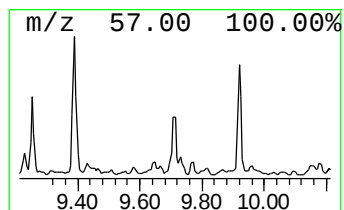
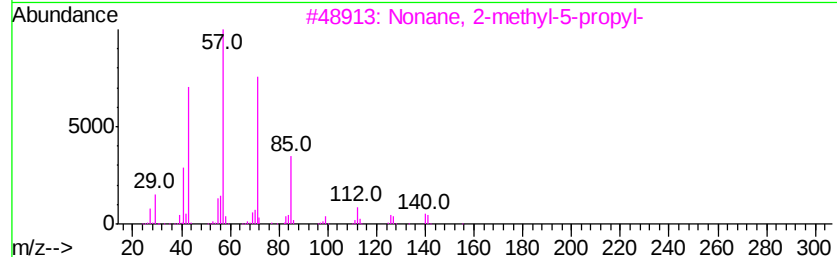
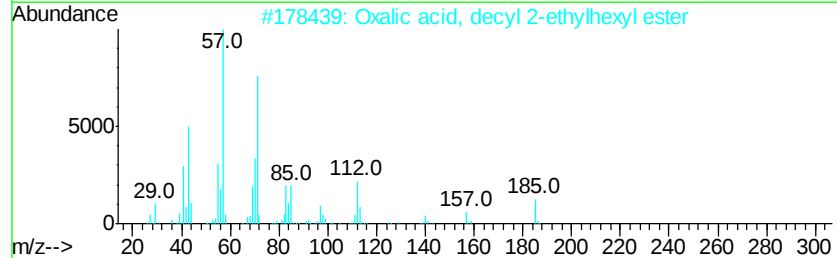
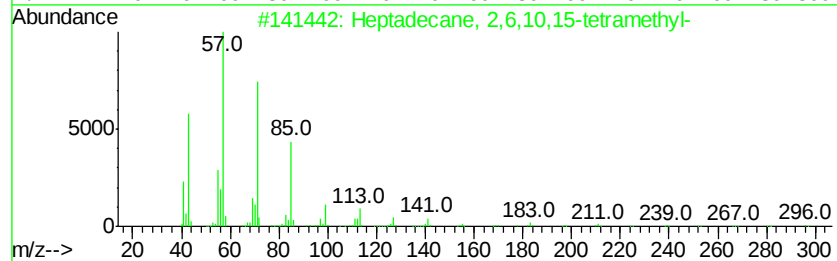
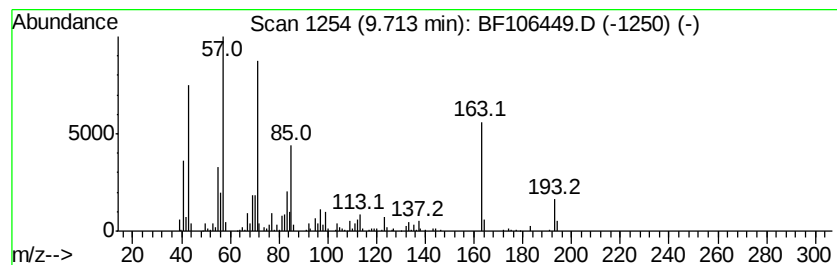
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.71 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	8.55 ng	401403	Acenaphthene-d10	10.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	47
2			Oxalic acid, decyl 2-ethylhexyl ...	342	C20H38O4	1000309-39-3	47
3			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	47
4			Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	43
5			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
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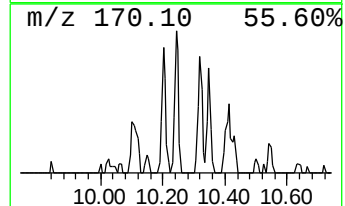
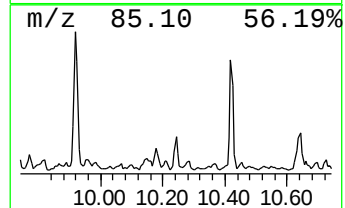
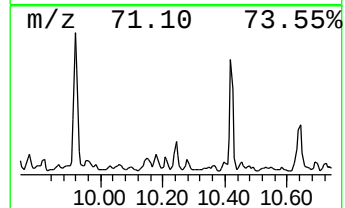
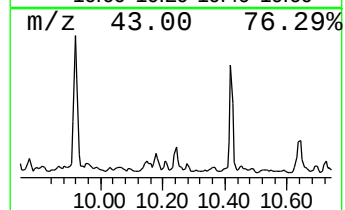
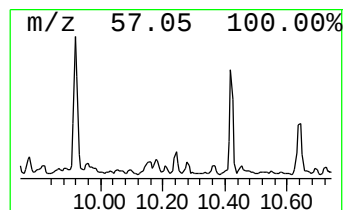
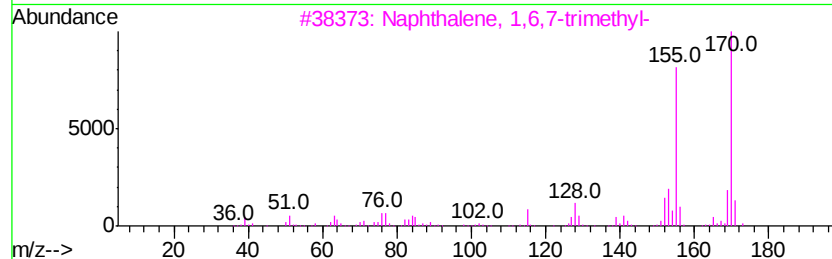
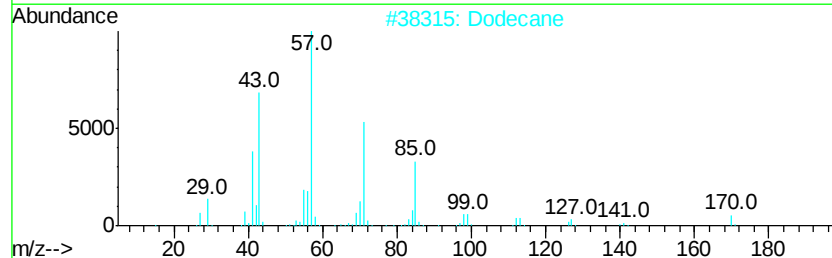
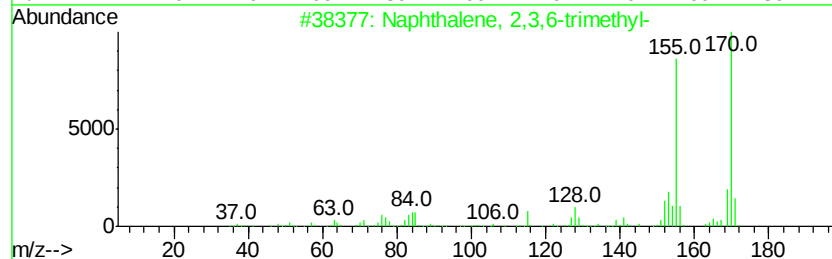
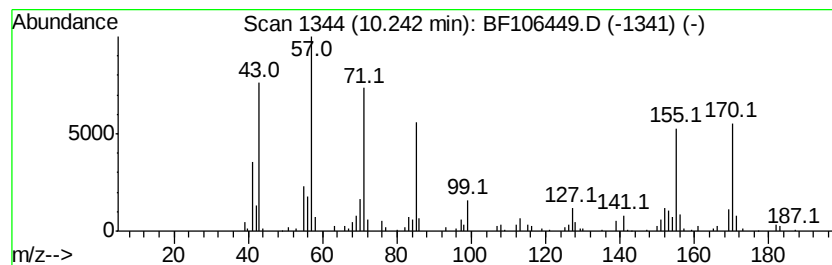
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.		
10.24	2.19 ng	102964	Acenaphthene-d10		10.01		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
2			Dodecane	170	C12H26	000112-40-3	62
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	46
4			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	46
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106449.D
Acq On : 14 Jun 2018 18:24
Operator : JU/SJ
Sample : J3241-11 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

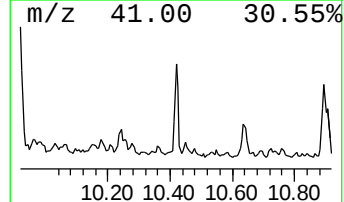
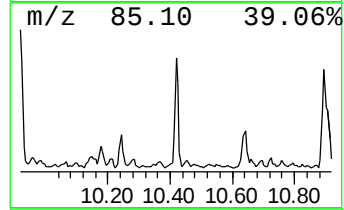
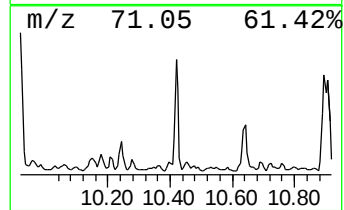
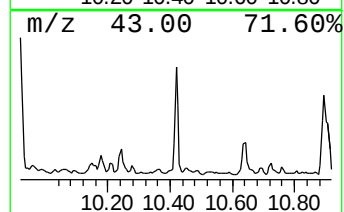
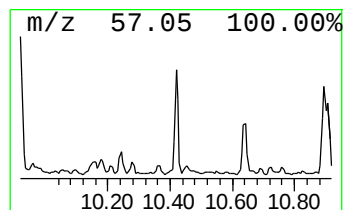
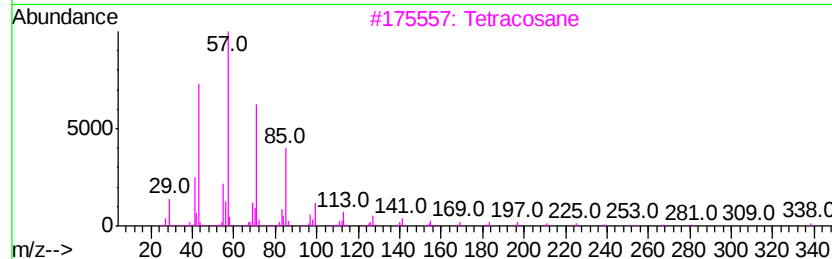
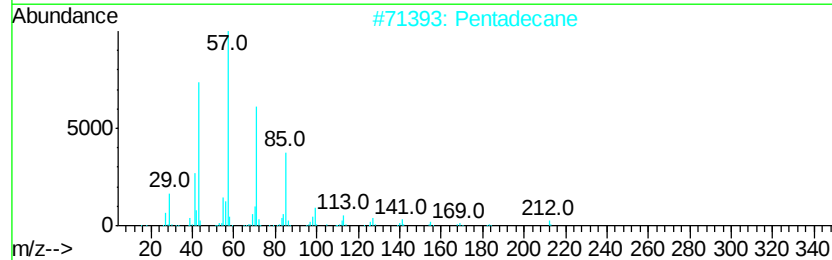
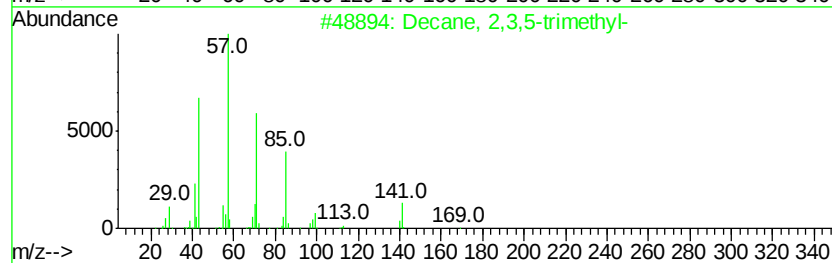
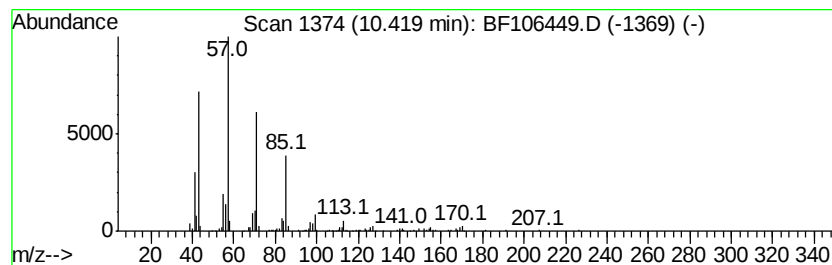
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.42	5.46 ng	256205	Acenaphthene-d10		10.01
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Eicosane	282	C20H42	000112-95-8	83
5	Hexadecane	226	C16H34	000544-76-3	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
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Sample : J3241-11 5X
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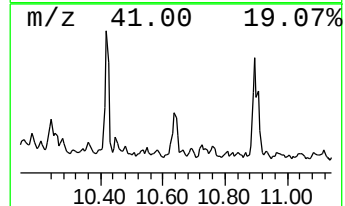
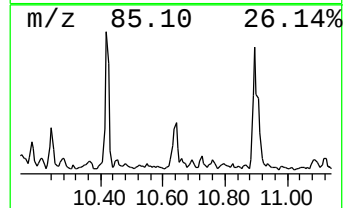
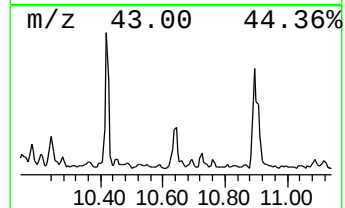
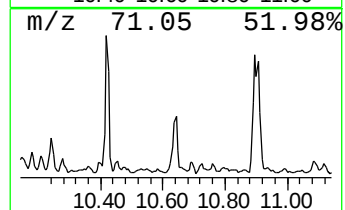
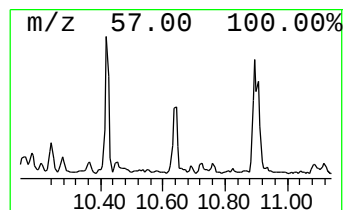
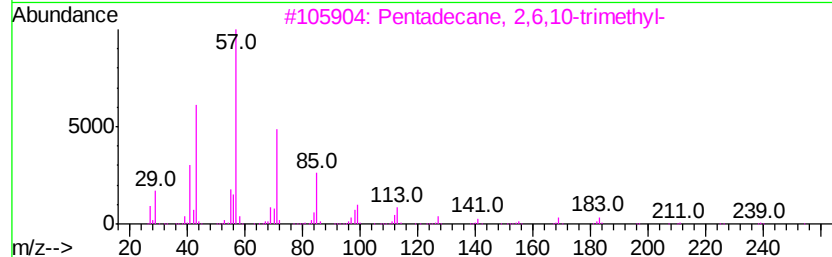
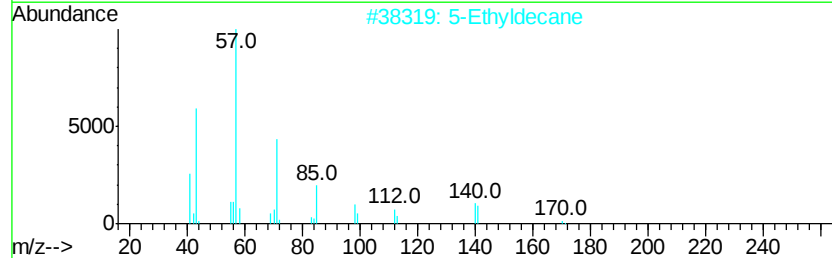
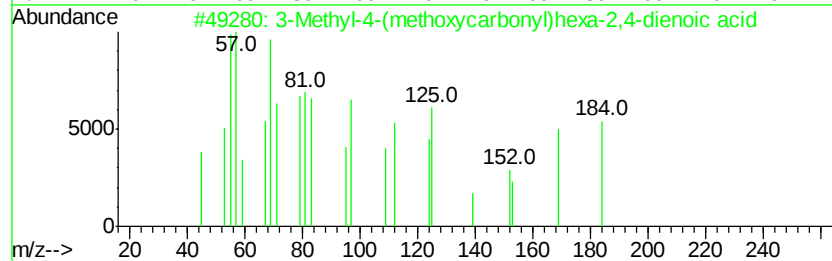
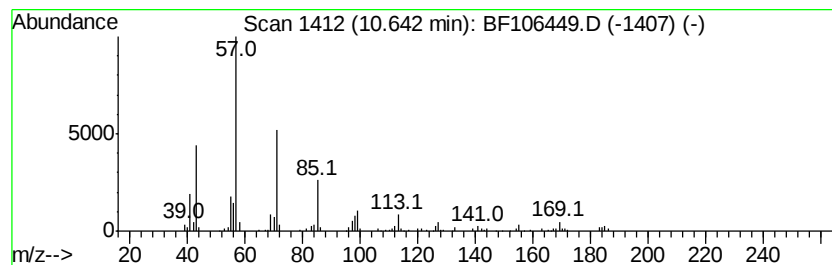
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 3-Methyl-4-(methoxycarbonyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.64	3.05 ng	143361	Acenaphthene-d10		10.01
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	87
2	5-Ethyldecane	170	C12H26	017302-36-2	81
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
4	Tridecane	184	C13H28	000629-50-5	72
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106449.D
Acq On : 14 Jun 2018 18:24
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Sample : J3241-11 5X
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Instrument :
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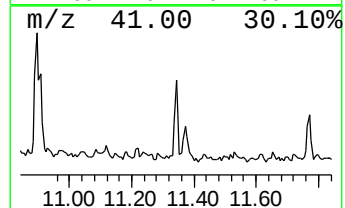
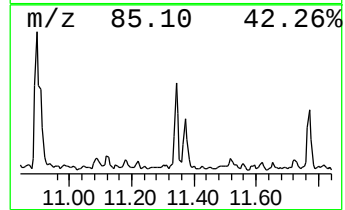
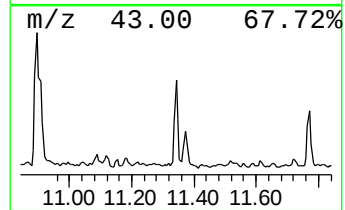
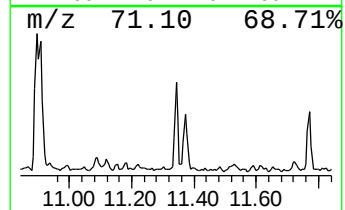
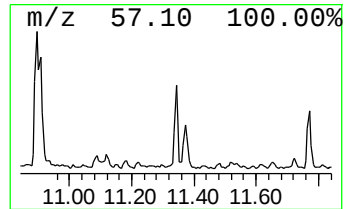
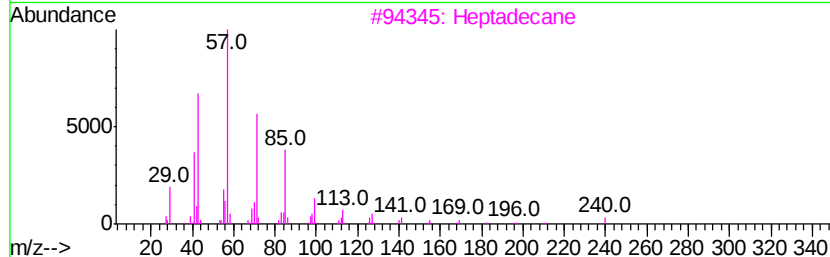
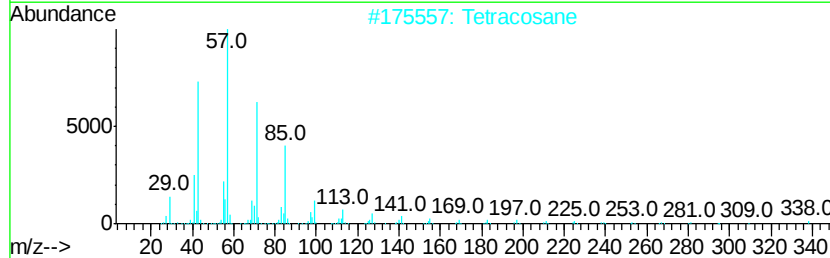
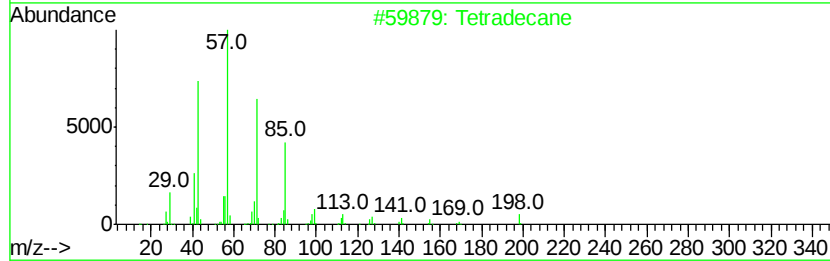
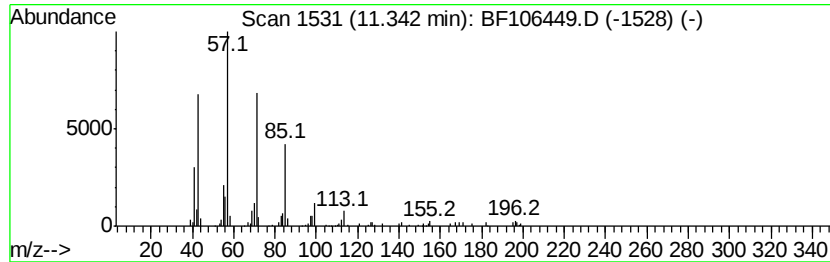
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	2.75 ng	115167	Phenanthrene-d10	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	93
2			Tetracosane	338	C24H50	000646-31-1	90
3			Heptadecane	240	C17H36	000629-78-7	90
4			Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86
5			Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106449.D
Acq On : 14 Jun 2018 18:24
Operator : JU/SJ
Sample : J3241-11 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-05-061318-C

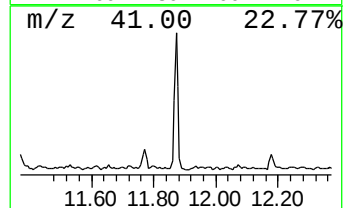
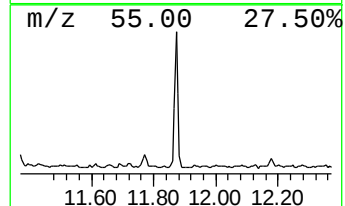
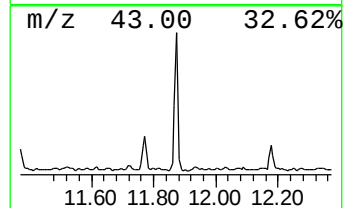
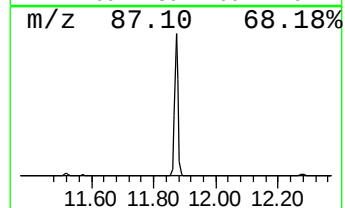
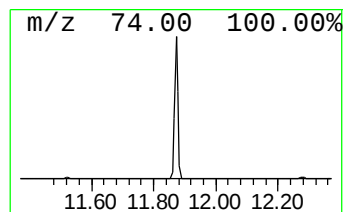
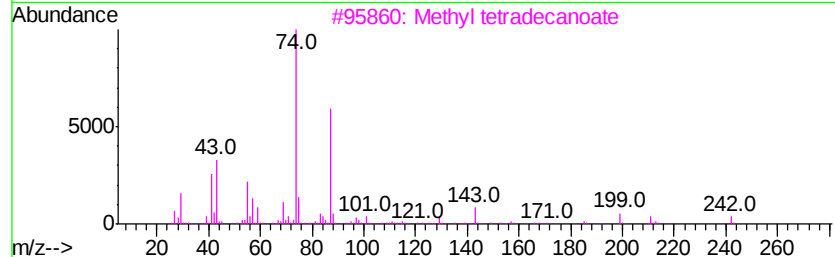
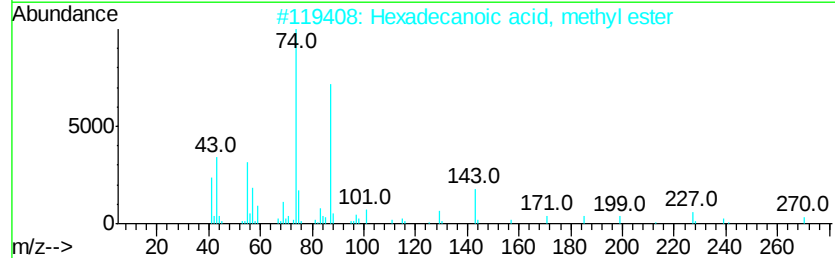
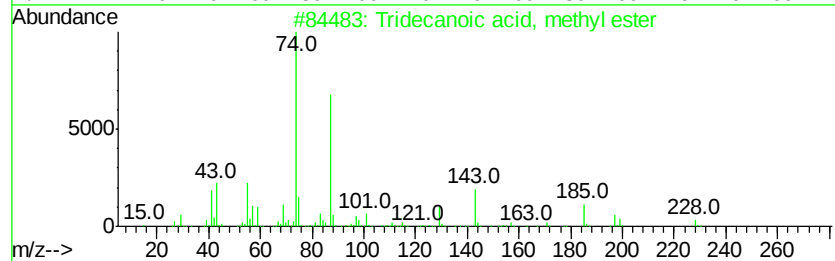
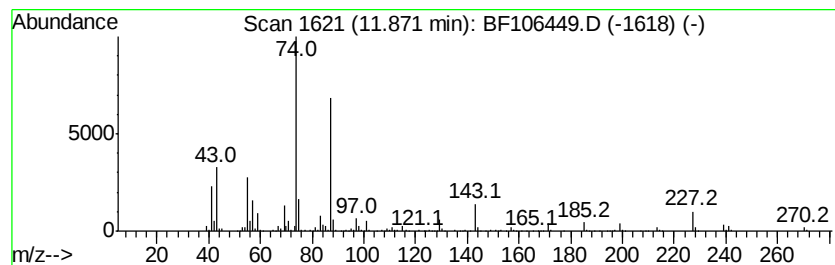
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tridecanoic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	15.38 ng	643116	Phenanthrene-d10	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
2			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
3			Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
5			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106449.D
Acq On : 14 Jun 2018 18:24
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Misc :
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Instrument :
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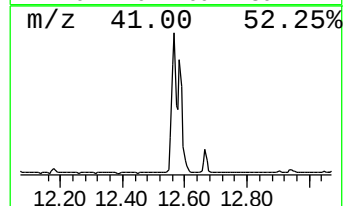
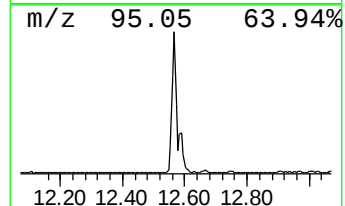
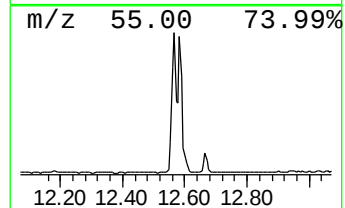
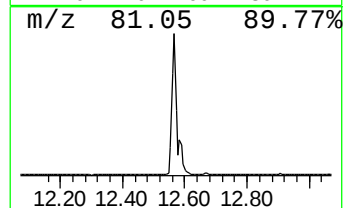
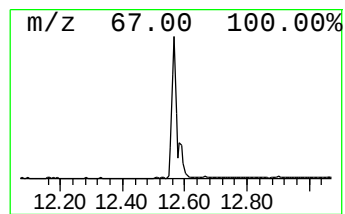
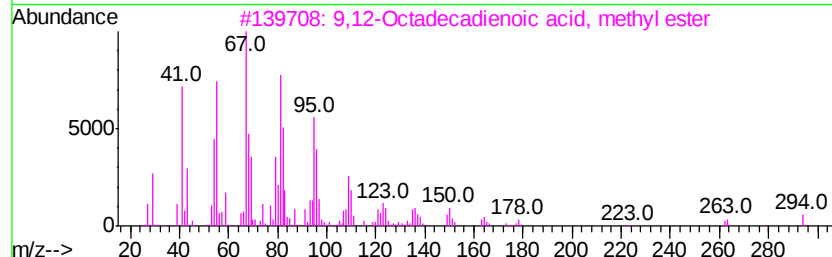
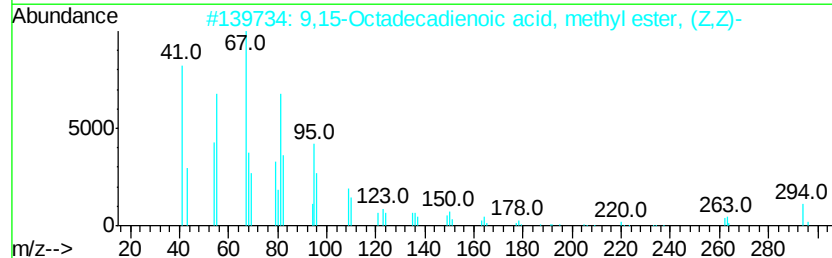
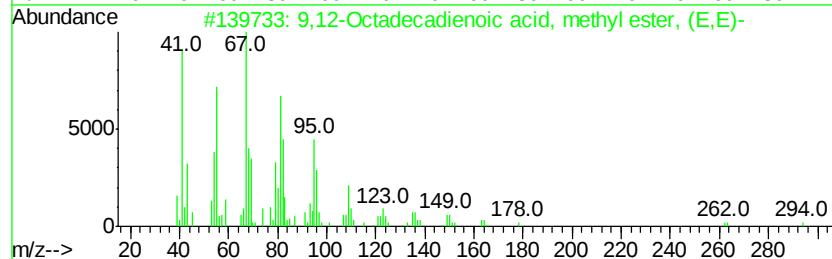
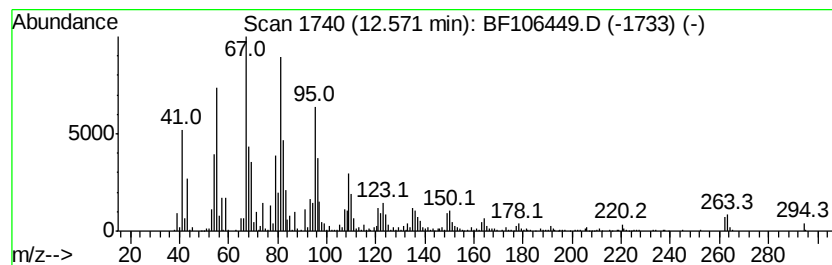
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	67.31 ng	2814350	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4		Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98
5		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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

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

Peak Number 20 11-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	38.56 ng	1612050	Phenanthrene-d10	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
2			11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
3			14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
4			10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
5			16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99

