

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
 Data File : BF108458.D
 Acq On : 24 Aug 2018 9:06
 Operator : JU/SJ
 Sample : J4535-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-NSW-15-038

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-BF080818.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	2.372	3	6	16	rVB	352024	446887	12.86%	0.784%
2	5.248	491	495	501	rBV2	162637	211512	6.09%	0.371%
3	5.631	552	560	563	rBV	3156852	3107393	89.44%	5.448%
4	5.860	596	599	603	rBV2	63348	65658	1.89%	0.115%
5	5.907	603	607	610	rVB	68261	60646	1.75%	0.106%
6	6.431	692	696	700	rBV4	34700	59683	1.72%	0.105%
7	6.519	708	711	715	rBV3	64280	87996	2.53%	0.154%
8	6.625	722	729	732	rBV	2987546	3268511	94.08%	5.731%
9	6.772	749	754	757	rBV	3453003	3159992	90.95%	5.540%
10	6.819	759	762	766	rVB	329005	252207	7.26%	0.442%
11	7.001	789	793	796	rBV	952625	882180	25.39%	1.547%
12	7.154	815	819	823	rVB	2635936	2510642	72.26%	4.402%
13	7.266	831	838	840	rBV3	64526	96320	2.77%	0.169%
14	7.313	843	846	851	rVB3	78067	97880	2.82%	0.172%
15	7.525	876	882	884	rBV3	78364	101864	2.93%	0.179%
16	7.566	884	889	896	rVB2	1997504	2385550	68.66%	4.183%
17	7.636	896	901	904	rVB5	57915	87035	2.51%	0.153%
18	7.678	904	908	914	rBV3	49240	84650	2.44%	0.148%
19	7.760	919	922	924	rVV2	80762	70307	2.02%	0.123%
20	7.919	946	949	951	rBV2	76332	72935	2.10%	0.128%
21	8.013	962	965	967	rBV	104097	76223	2.19%	0.134%
22	8.242	1001	1004	1007	rBV	354520	275566	7.93%	0.483%
23	8.283	1007	1011	1013	rVV	1206572	1024333	29.48%	1.796%
24	8.301	1013	1014	1016	rVV	243845	179950	5.18%	0.316%
25	8.325	1016	1018	1021	rVB	205768	160206	4.61%	0.281%
26	8.360	1021	1024	1029	rVB5	65114	72157	2.08%	0.127%
27	8.419	1029	1034	1038	rBV7	43090	67354	1.94%	0.118%
28	8.560	1055	1058	1063	rVB5	137931	175440	5.05%	0.308%
29	8.683	1077	1079	1082	rVB	294336	200382	5.77%	0.351%
30	8.783	1093	1096	1098	rBV2	78251	68965	1.98%	0.121%
31	8.854	1103	1108	1111	rBV	677635	550400	15.84%	0.965%
32	8.948	1122	1124	1129	rVB3	86388	90205	2.60%	0.158%
33	8.995	1129	1132	1135	rBV	534151	400992	11.54%	0.703%
34	9.054	1139	1142	1144	rBV3	72030	84392	2.43%	0.148%

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 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.095	1146	1149	1152	rBV	321860	245757	7.07%	0.431%
36	9.183	1161	1164	1167	rVB3	122452	137472	3.96%	0.241%
37	9.219	1167	1170	1174	rBV	179119	165072	4.75%	0.289%
38	9.260	1174	1177	1179	rBV	119261	106688	3.07%	0.187%
39	9.283	1179	1181	1184	rVV	326103	278239	8.01%	0.488%
40	9.360	1188	1194	1197	rBV	3687627	3474338	100.00%	6.092%
41	9.425	1201	1205	1208	rVV	959614	946287	27.24%	1.659%
42	9.460	1208	1211	1214	rVV3	143726	172026	4.95%	0.302%
43	9.501	1216	1218	1220	rVB2	72732	58348	1.68%	0.102%
44	9.554	1225	1227	1231	rVB	110114	96682	2.78%	0.170%
45	9.619	1234	1238	1243	rBV	397987	565230	16.27%	0.991%
46	9.672	1243	1247	1248	rBV4	99092	121212	3.49%	0.213%
47	9.695	1248	1251	1254	rVB	412084	402615	11.59%	0.706%
48	9.725	1254	1256	1257	rBV	345284	275013	7.92%	0.482%
49	9.742	1257	1259	1262	rVB3	675606	508404	14.63%	0.891%
50	9.819	1267	1272	1273	rBV2	202831	296842	8.54%	0.520%
51	9.901	1283	1286	1288	rBV2	209801	172542	4.97%	0.303%
52	9.954	1292	1295	1299	rVB	1526720	1159709	33.38%	2.033%
53	9.995	1299	1302	1304	rBV2	109941	115903	3.34%	0.203%
54	10.019	1304	1306	1308	rVV2	128773	119320	3.43%	0.209%
55	10.042	1308	1310	1314	rVV	968687	933256	26.86%	1.636%
56	10.077	1314	1316	1318	rVB	150848	118118	3.40%	0.207%
57	10.142	1323	1327	1331	rBV	229220	320878	9.24%	0.563%
58	10.183	1331	1334	1337	rBV3	176603	218756	6.30%	0.384%
59	10.213	1337	1339	1341	rVV	176894	129846	3.74%	0.228%
60	10.242	1341	1344	1347	rVV2	428970	408849	11.77%	0.717%
61	10.277	1347	1350	1354	rVV3	442234	531760	15.31%	0.932%
62	10.313	1354	1356	1360	rVB2	168956	151852	4.37%	0.266%
63	10.360	1360	1364	1366	rBV	281647	314668	9.06%	0.552%
64	10.389	1366	1369	1374	rVB2	291718	316985	9.12%	0.556%
65	10.454	1374	1380	1384	rBV	1607240	1587585	45.69%	2.784%
66	10.483	1384	1385	1388	rVB	86467	60056	1.73%	0.105%
67	10.583	1400	1402	1405	rBV2	176841	187846	5.41%	0.329%
68	10.677	1413	1418	1420	rBV	709337	804851	23.17%	1.411%
69	10.701	1420	1422	1424	rVB3	106631	86137	2.48%	0.151%
70	10.730	1424	1427	1429	rBV2	132535	121755	3.50%	0.213%
71	10.754	1429	1431	1436	rVB3	172015	177884	5.12%	0.312%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	10.795	1436	1438	1442	rBV3	191894	175731	5.06%	0.308%
73	10.836	1442	1445	1449	rBV	1714509	1664867	47.92%	2.919%
74	10.930	1458	1461	1471	rVB2	1485972	2390870	68.82%	4.192%
75	11.007	1471	1474	1475	rBV2	92044	97494	2.81%	0.171%
76	11.124	1491	1494	1495	rBV3	152040	156150	4.49%	0.274%
77	11.254	1514	1516	1517	rBV2	136770	111087	3.20%	0.195%
78	11.342	1528	1531	1534	rBV3	150463	154807	4.46%	0.271%
79	11.377	1534	1537	1540	rBV	1087632	989338	28.48%	1.735%
80	11.407	1540	1542	1545	rVB	596395	532851	15.34%	0.934%
81	11.542	1562	1565	1567	rBV	861764	780375	22.46%	1.368%
82	11.566	1567	1569	1572	rVB	1087306	813315	23.41%	1.426%
83	11.618	1575	1578	1580	rBV	173193	188227	5.42%	0.330%
84	11.689	1588	1590	1594	rBV3	167299	231288	6.66%	0.406%
85	11.760	1599	1602	1606	rVV2	293327	404793	11.65%	0.710%
86	11.807	1607	1610	1613	rVB	1074339	897091	25.82%	1.573%
87	12.042	1648	1650	1652	rBV	277365	247685	7.13%	0.434%
88	12.071	1652	1655	1658	rVB	455610	414412	11.93%	0.727%
89	12.154	1666	1669	1672	rBV2	468788	453311	13.05%	0.795%
90	12.218	1677	1680	1683	rBV	806765	693979	19.97%	1.217%
91	12.607	1742	1746	1749	rBV2	712223	848623	24.43%	1.488%
92	12.665	1752	1756	1758	rBV3	344575	500072	14.39%	0.877%
93	12.765	1770	1773	1776	rVB	1283297	1157796	33.32%	2.030%
94	12.848	1785	1787	1791	rVB2	586568	500573	14.41%	0.878%
95	12.983	1807	1810	1811	rBV2	611517	619094	17.82%	1.085%
96	13.001	1811	1813	1818	rVB	1083376	1036506	29.83%	1.817%
97	13.130	1832	1835	1842	rVB	2411393	2703711	77.82%	4.740%
98	13.342	1869	1871	1875	rVB2	486647	498007	14.33%	0.873%
99	13.683	1927	1929	1932	rBV	415054	380863	10.96%	0.668%
100	14.201	2014	2017	2020	rBV3	721920	966628	27.82%	1.695%

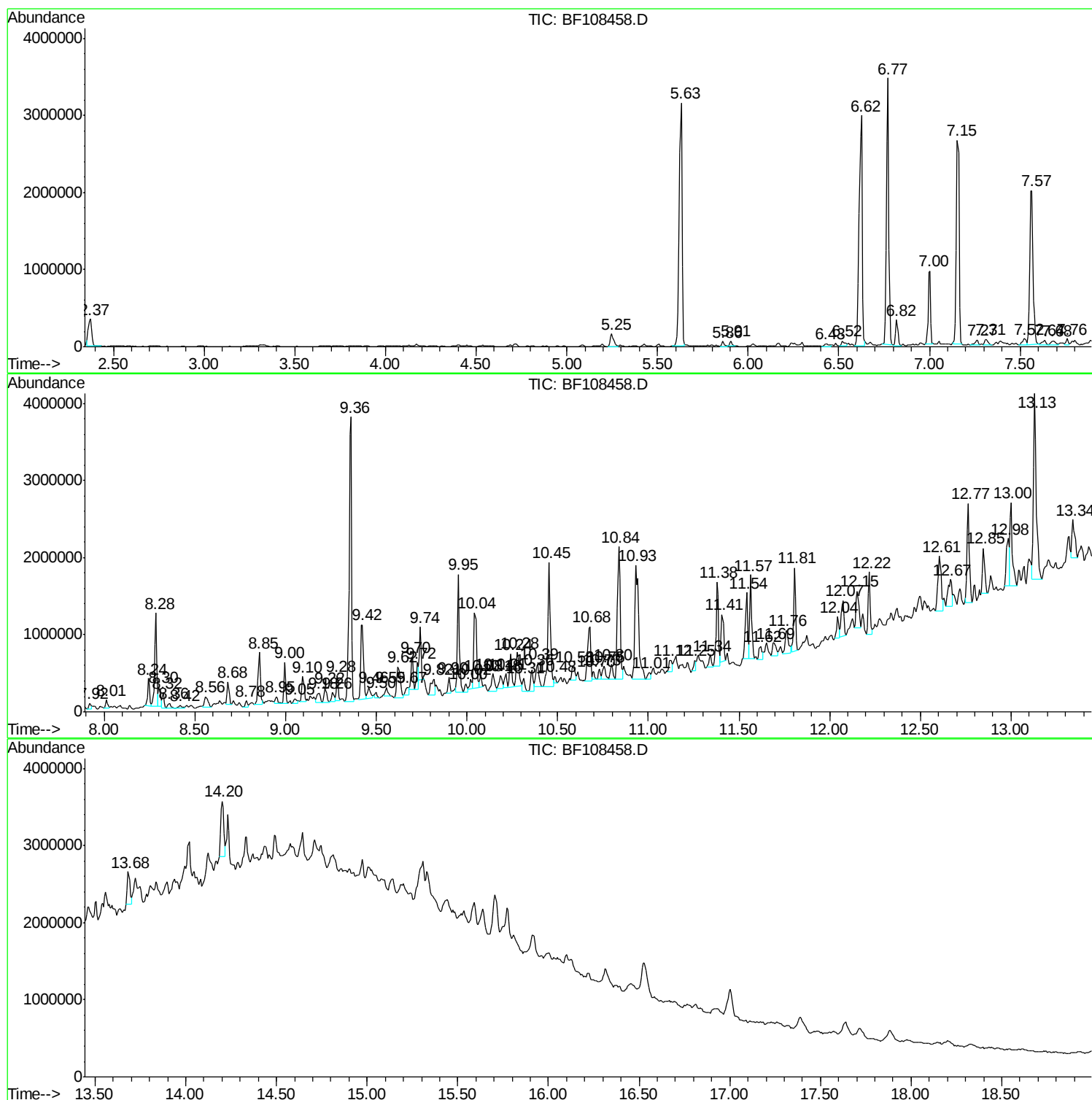
Sum of corrected areas: 57034738

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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.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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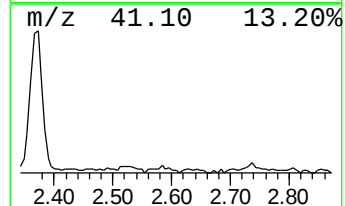
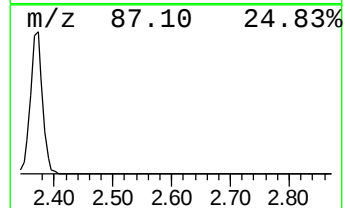
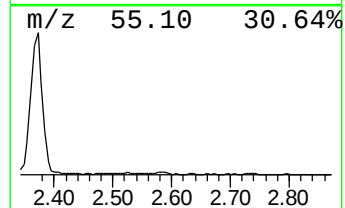
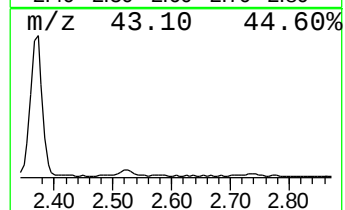
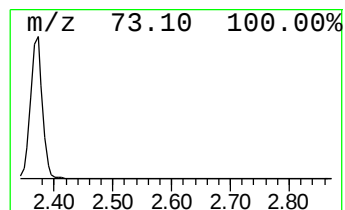
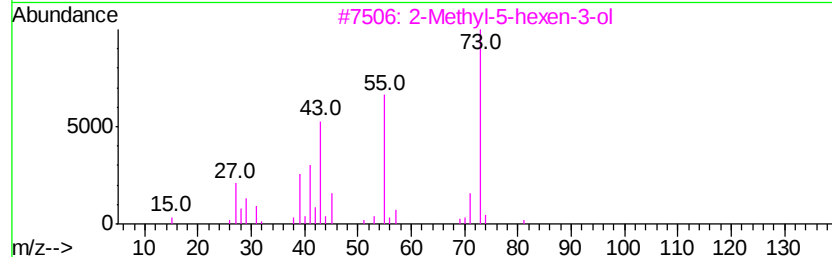
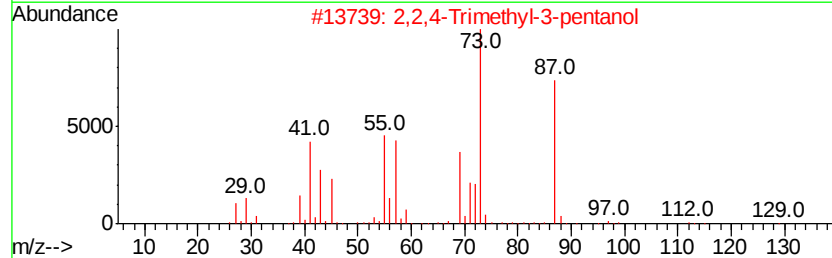
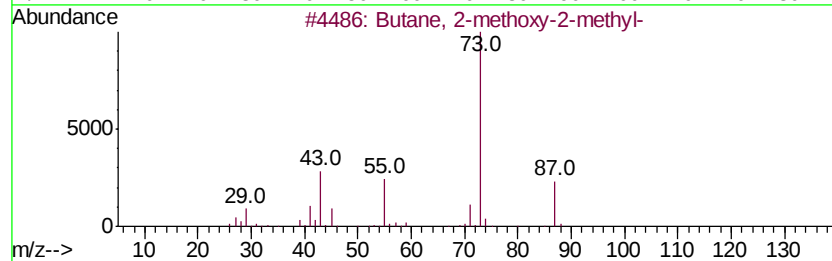
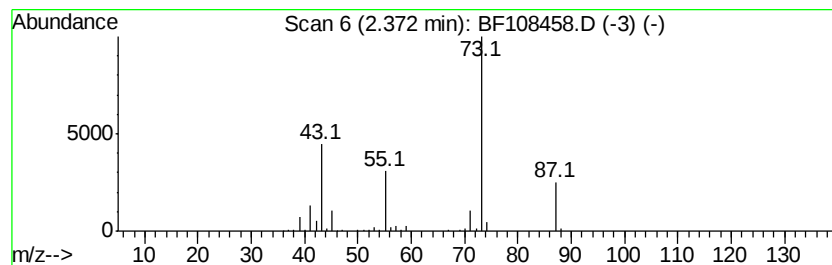
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.37	10.13 ng	446887	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	27
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23



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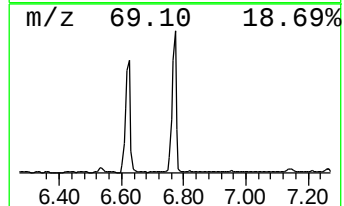
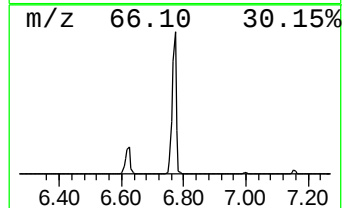
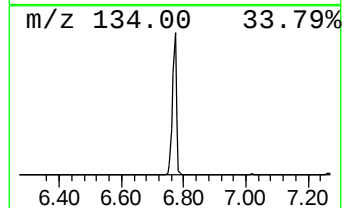
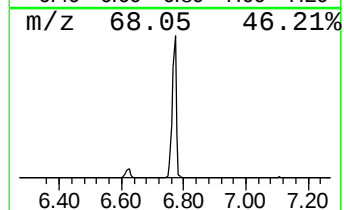
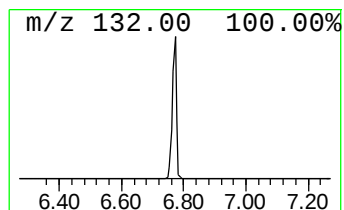
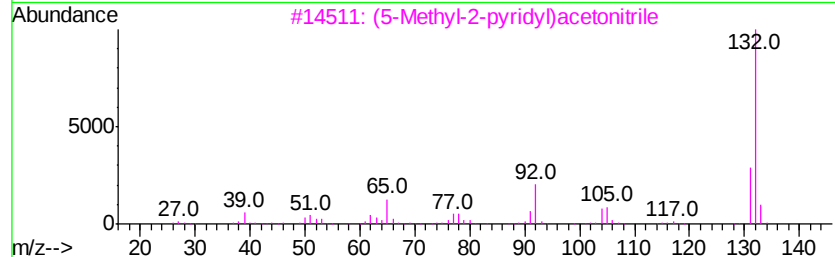
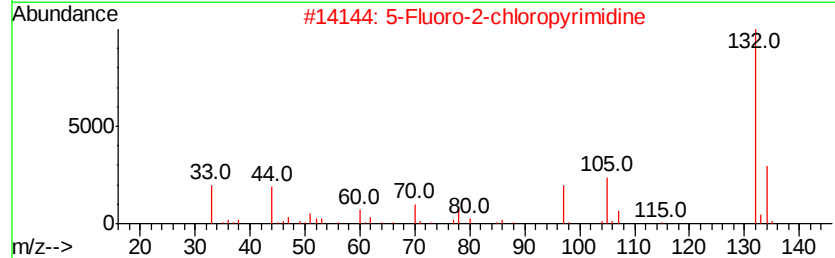
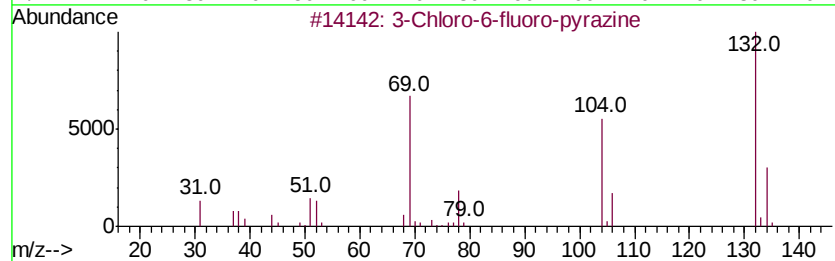
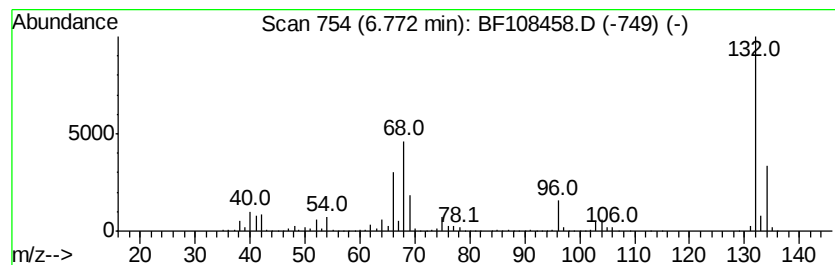
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.77 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	71.64 ng	3159990	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4		1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



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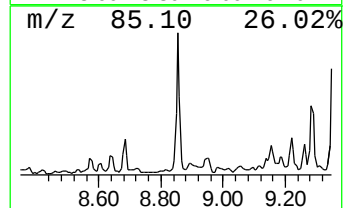
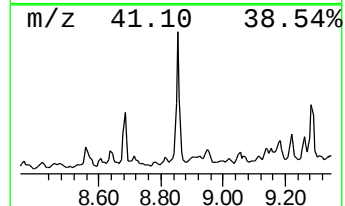
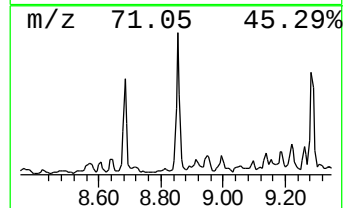
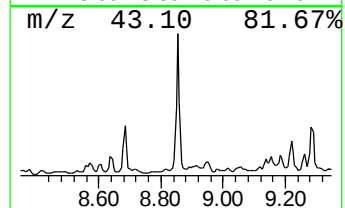
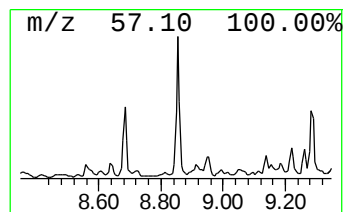
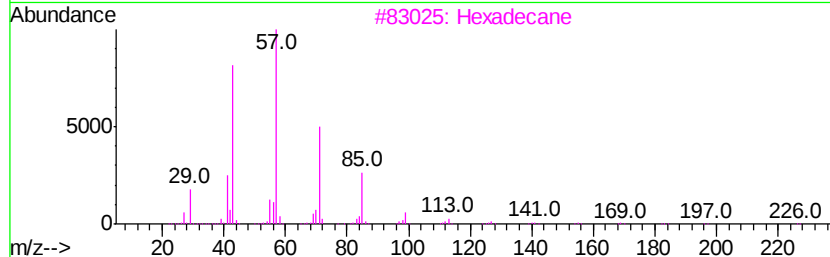
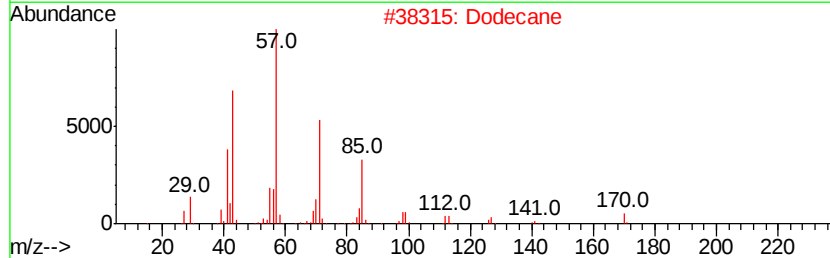
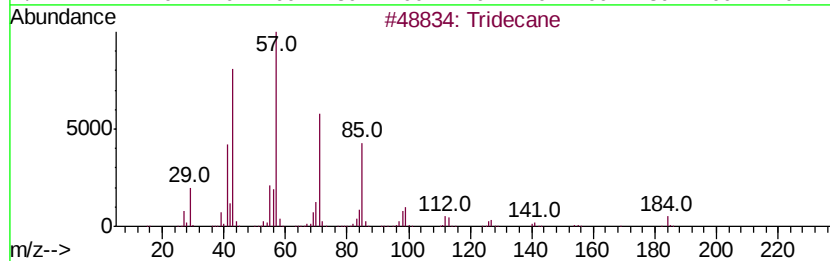
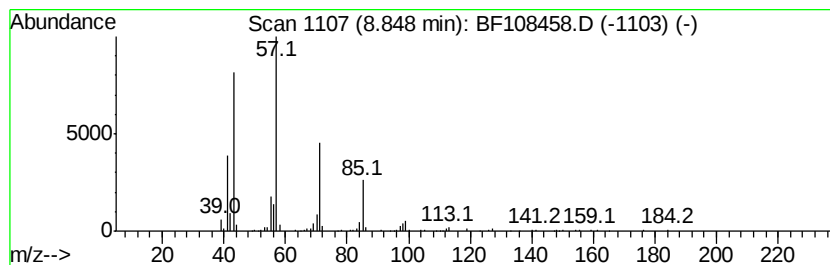
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	10.75 ng	550400	Napthalene-d8	8.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	95
2	Dodecane	170 C12H26	000112-40-3	86
3	Hexadecane	226 C16H34	000544-76-3	86
4	Pentadecane	212 C15H32	000629-62-9	78
5	Undecane, 2,3-dimethyl-	184 C13H28	017312-77-5	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108458.D
Acq On : 24 Aug 2018 9:06
Operator : JU/SJ
Sample : J4535-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RA-081618-NSW-15-038

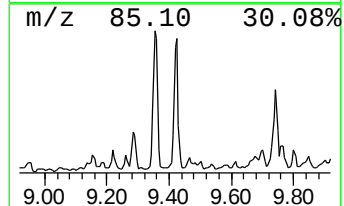
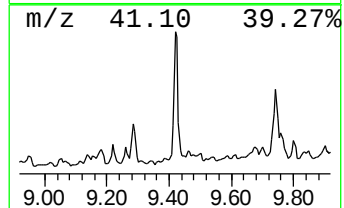
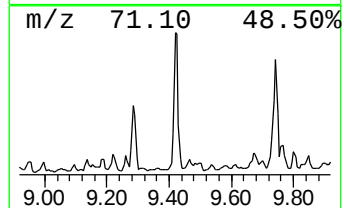
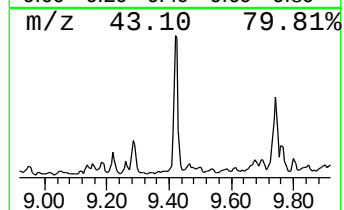
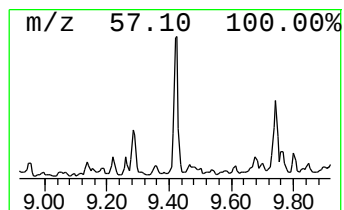
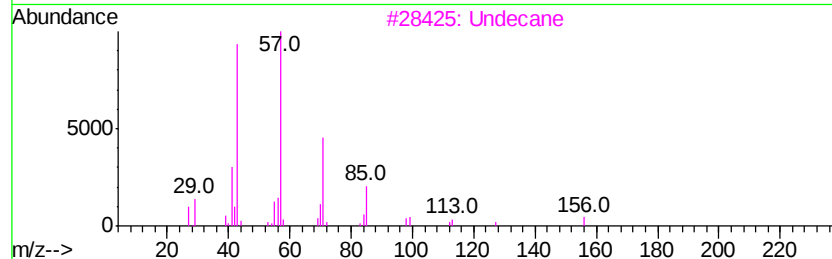
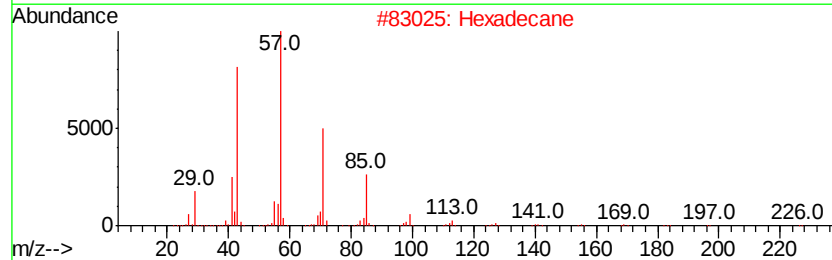
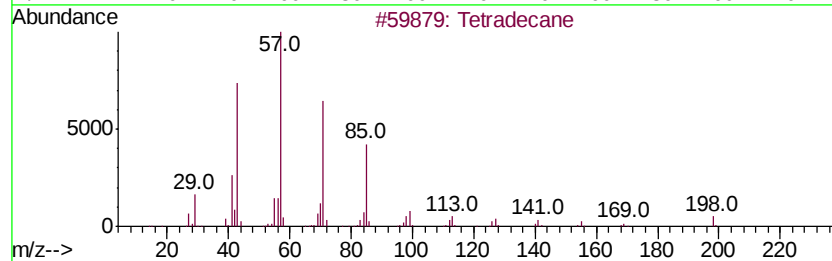
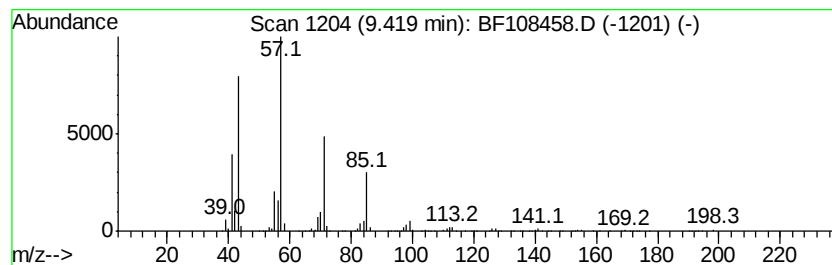
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	20.28 ng	946287	Acenaphthene-d10	10.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	90
3		Undecane	156	C11H24	001120-21-4	86
4		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	86
5		Tridecane	184	C13H28	000629-50-5	86



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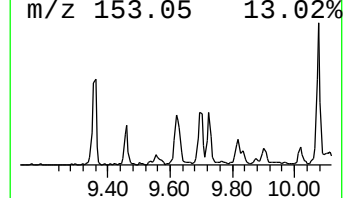
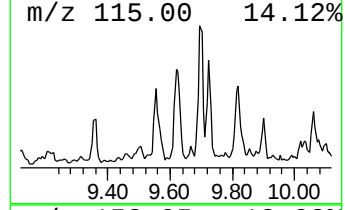
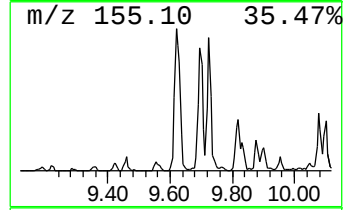
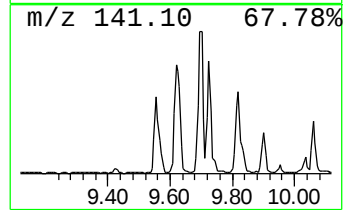
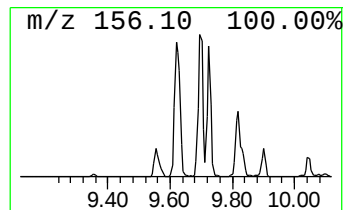
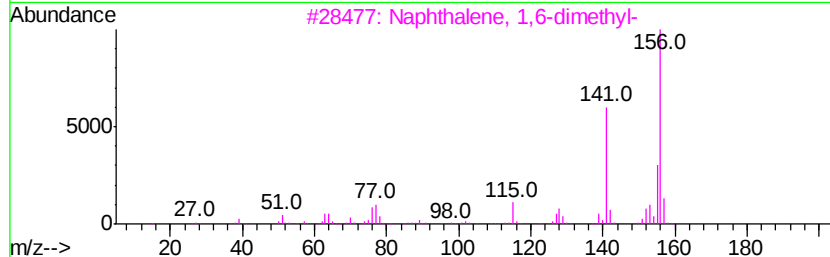
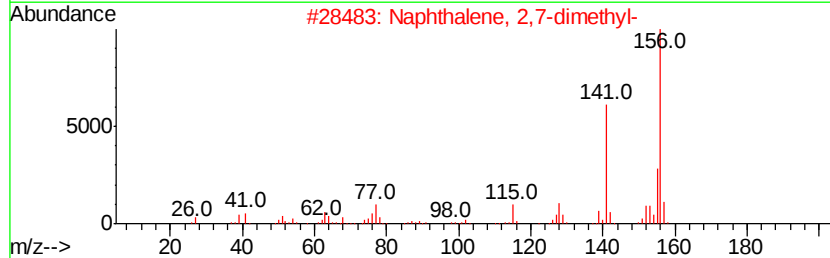
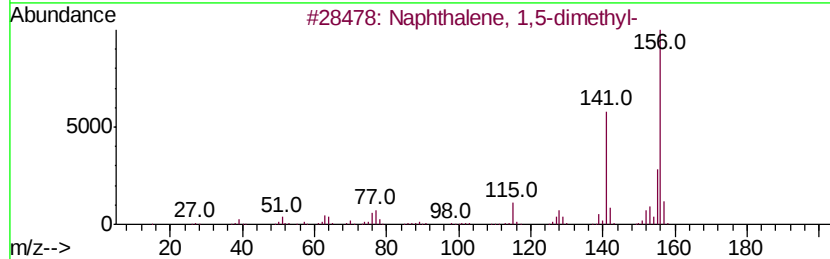
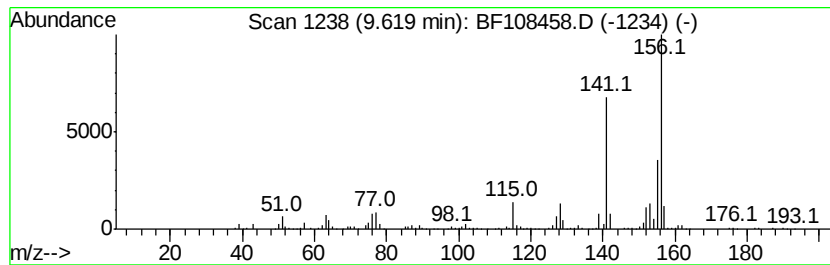
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	12.11 ng	565230	Acenaphthene-d10	10.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108458.D
Acq On : 24 Aug 2018 9:06
Operator : JU/SJ
Sample : J4535-06
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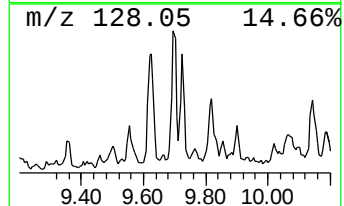
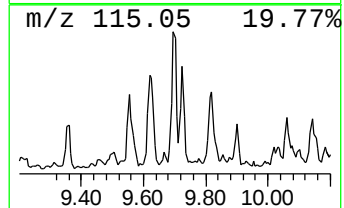
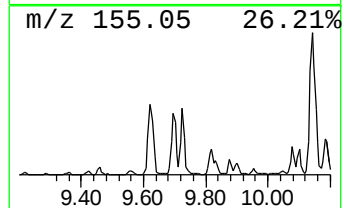
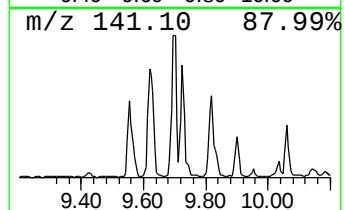
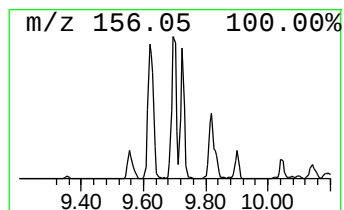
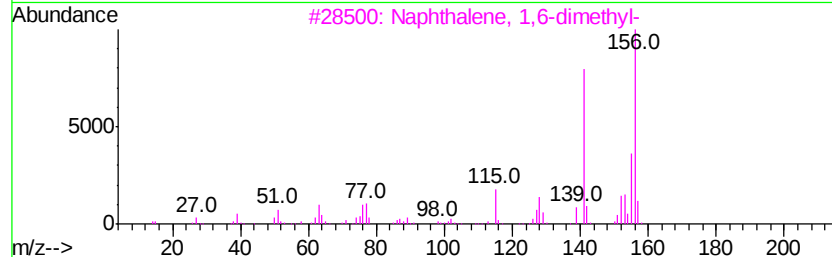
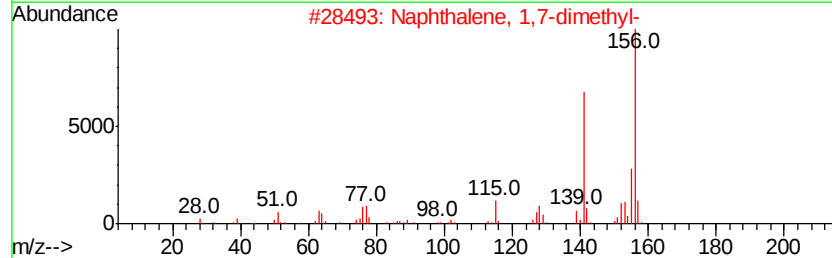
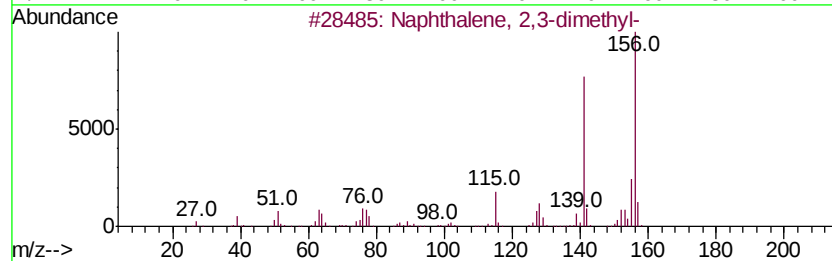
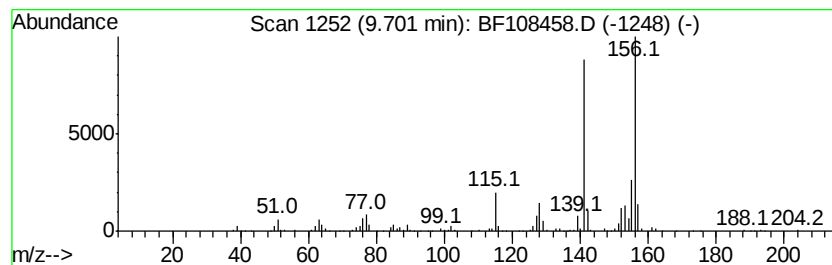
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	8.63 ng	402615	Acenaphthene-d10	10.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
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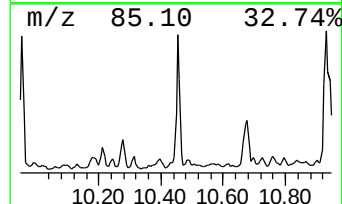
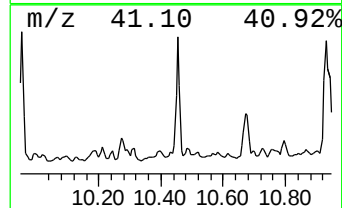
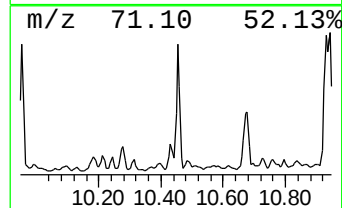
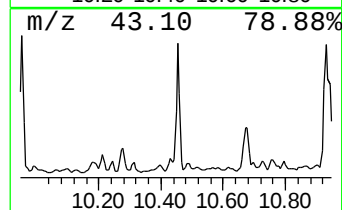
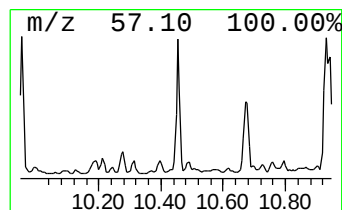
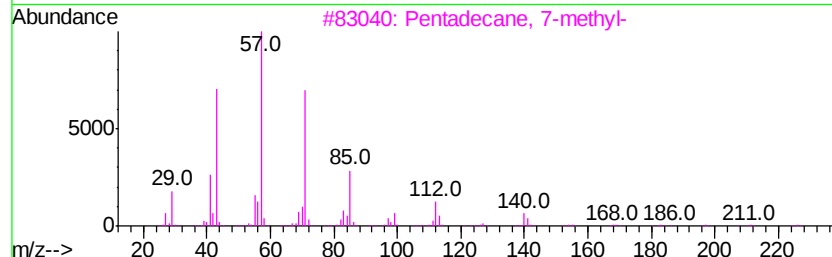
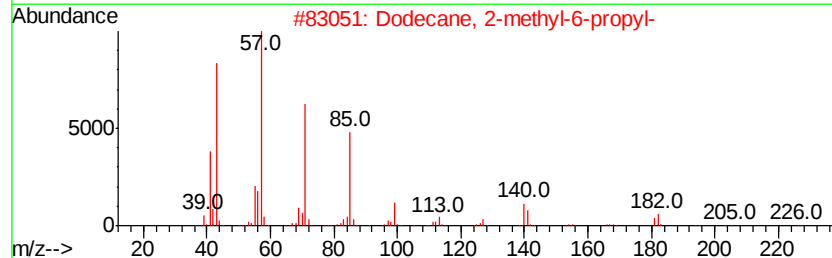
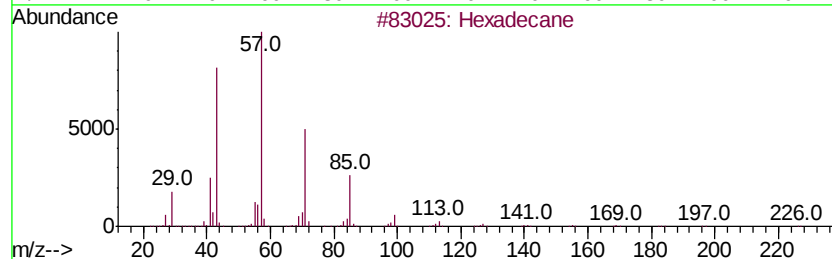
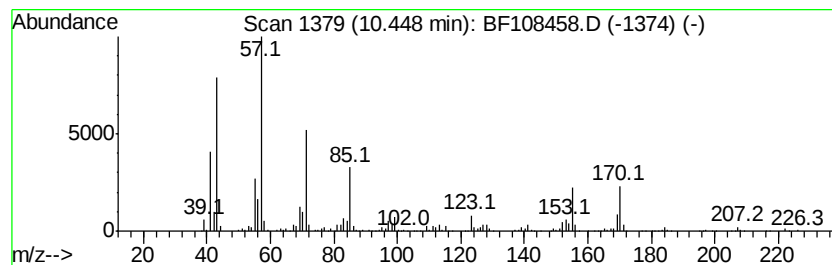
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	34.02 ng	1587590	Acenaphthene-d10	10.04
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	96
2	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	86
3	Pentadecane, 7-methyl-	226 C16H34	006165-40-8	81
4	Pentadecane, 4-methyl-	226 C16H34	002801-87-8	74
5	Dodecane	170 C12H26	000112-40-3	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
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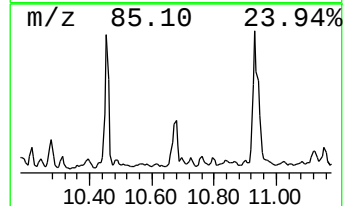
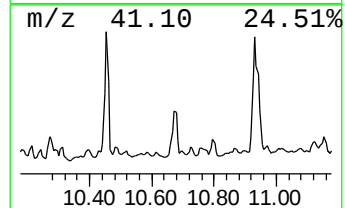
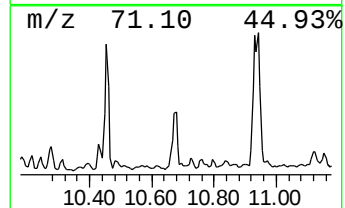
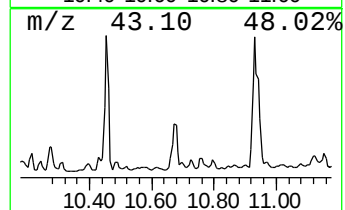
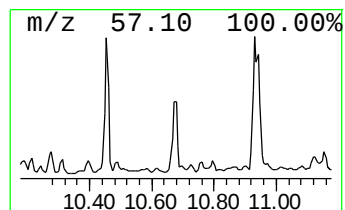
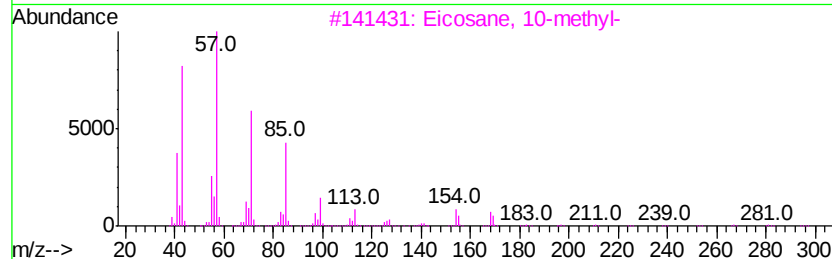
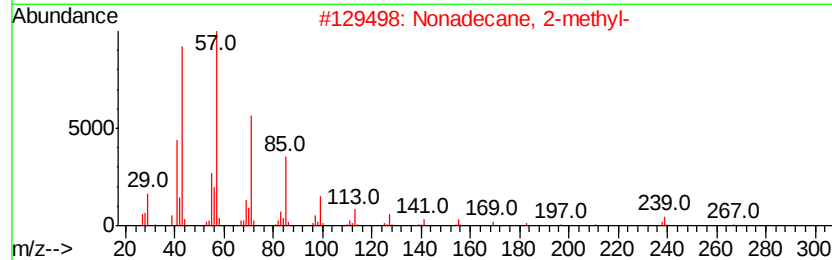
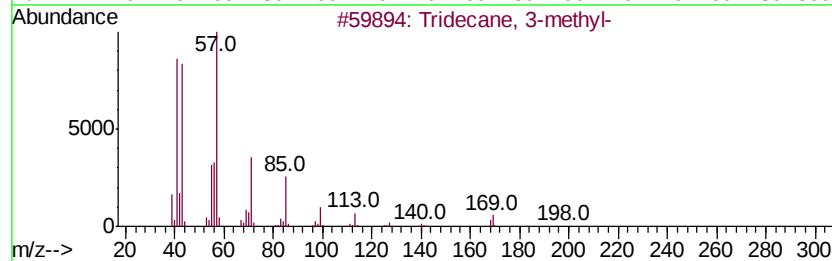
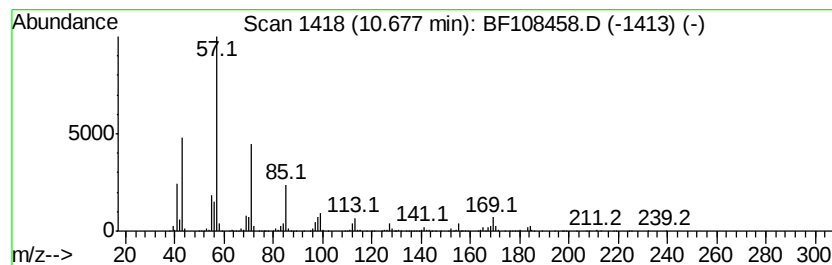
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.68	17.25 ng	804851	Acenaphthene-d10		10.04	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 3-methyl-	198	C14H30	006418-41-3	86
2		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
4		Heneicosane	296	C21H44	000629-94-7	72
5		Heptacosane	380	C27H56	000593-49-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
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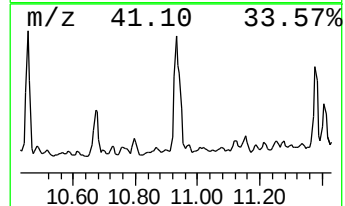
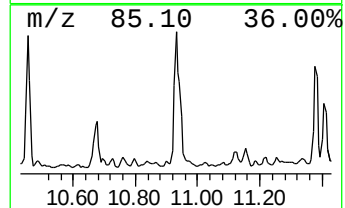
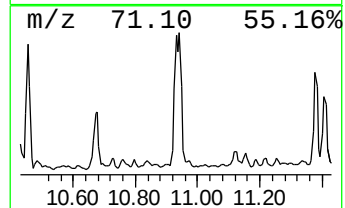
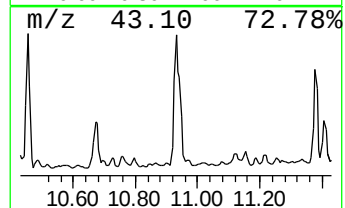
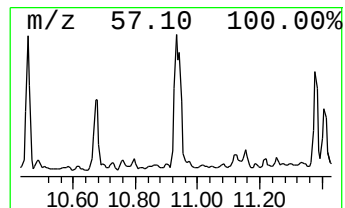
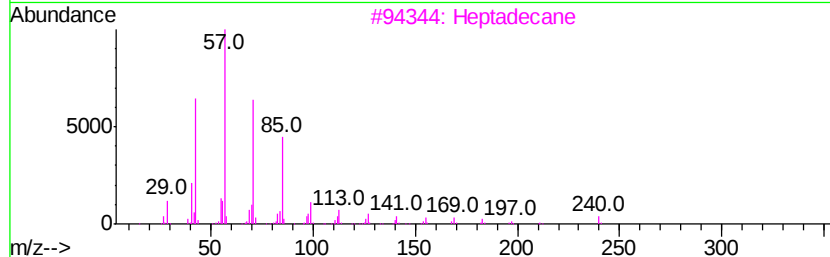
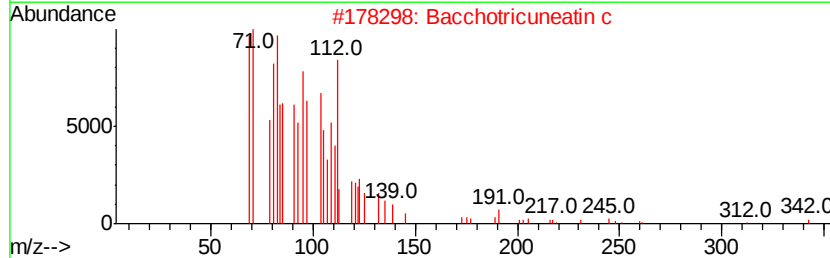
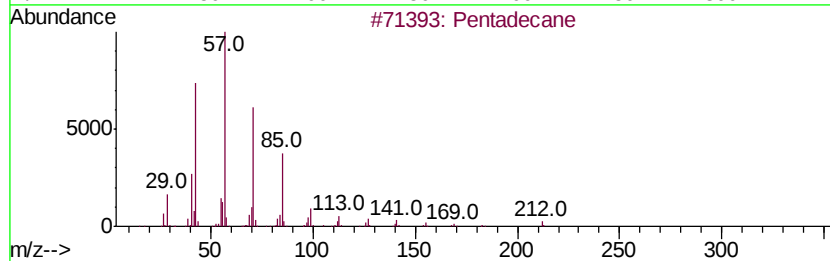
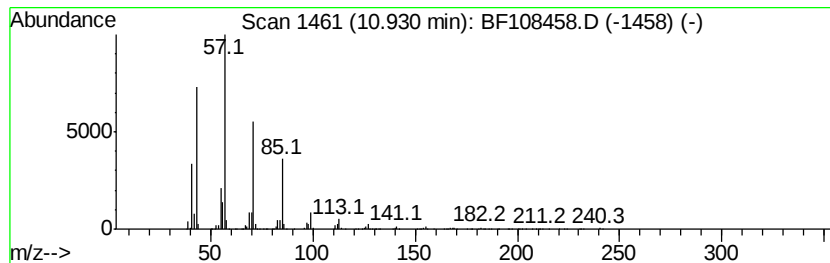
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.93	61.27 ng	2390870	Phenanthrene-d10		11.54	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	95
2	Bacchotricuneatin c		342	C20H22O5	066563-30-2	95
3	Heptadecane		240	C17H36	000629-78-7	94
4	Heneicosane		296	C21H44	000629-94-7	90
5	Hexadecane		226	C16H34	000544-76-3	86



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ALS Vial : 34 Sample Multiplier: 1

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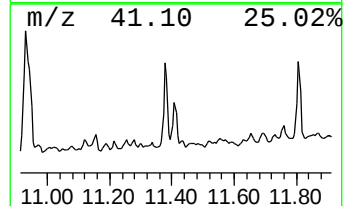
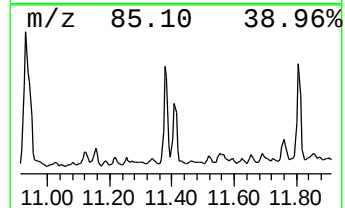
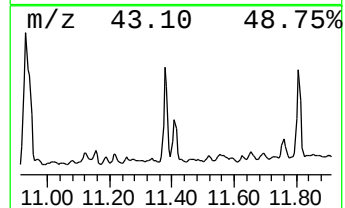
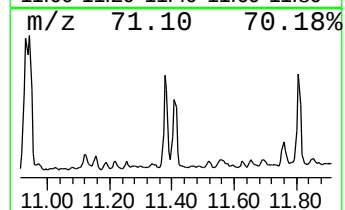
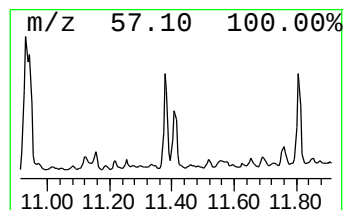
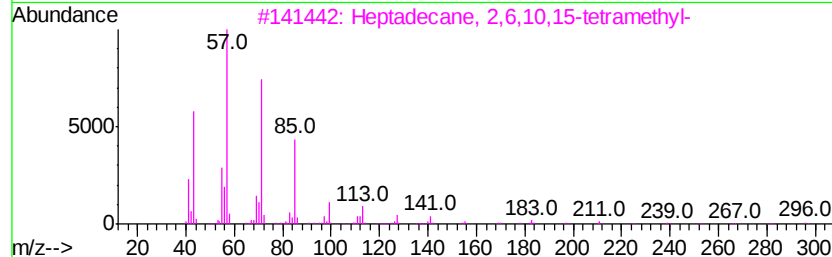
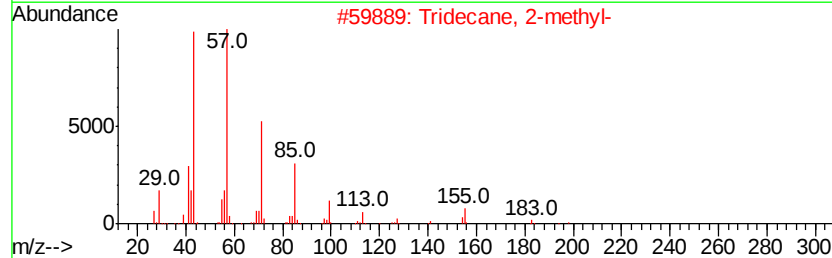
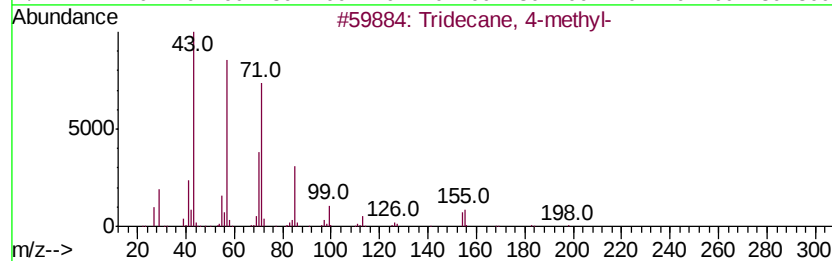
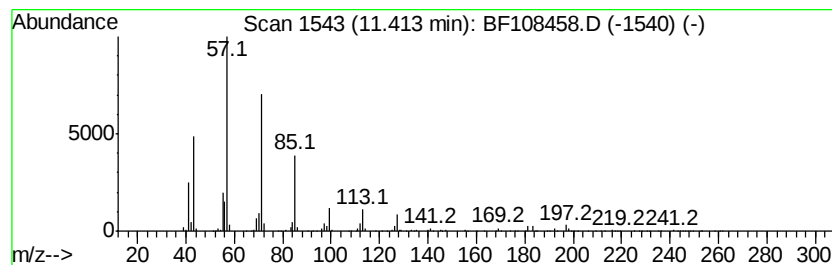
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecane, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	13.66 ng	532851	Phenanthrene-d10	11.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	90
2		Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4		2-Bromotetradecane	276	C14H29Br	074036-95-6	83
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108458.D
Acq On : 24 Aug 2018 9:06
Operator : JU/SJ
Sample : J4535-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RA-081618-NSW-15-038

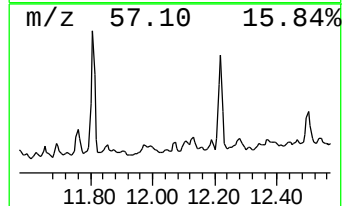
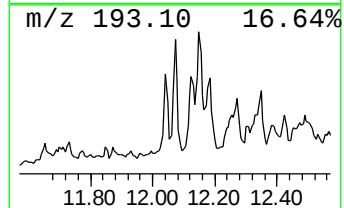
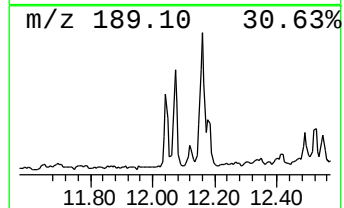
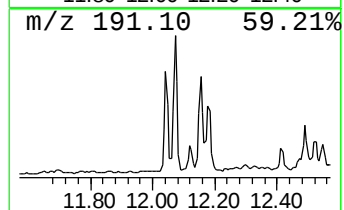
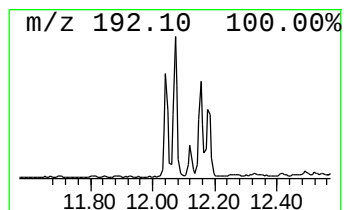
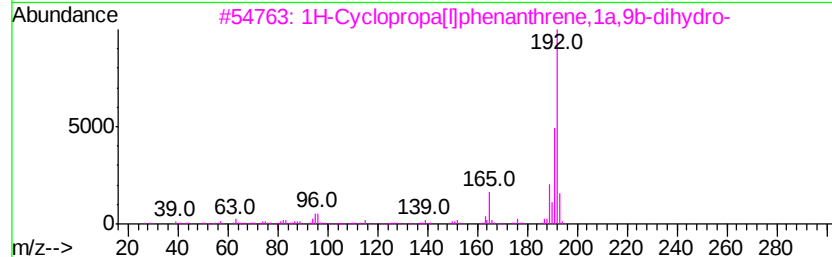
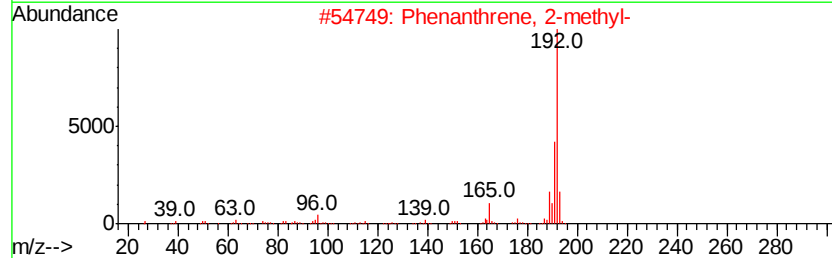
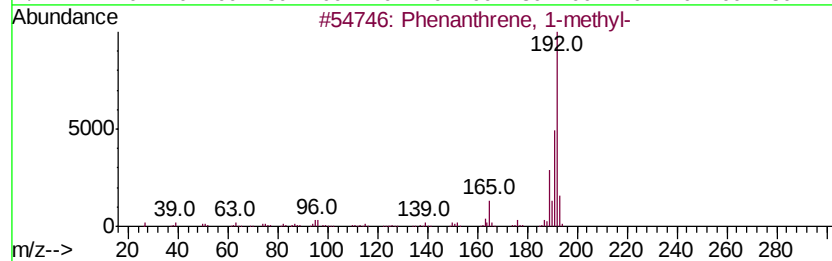
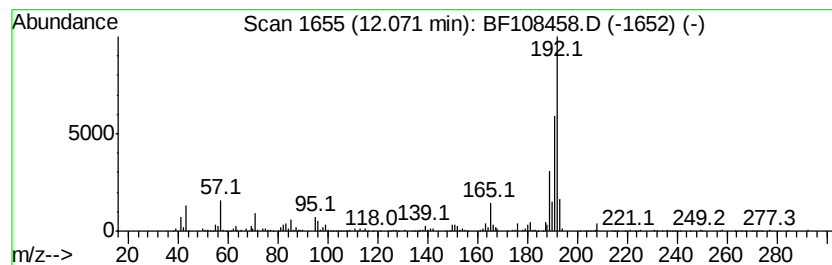
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	10.62 ng	414412	Phenanthrene-d10	11.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
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Instrument :
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ClientSampleId :
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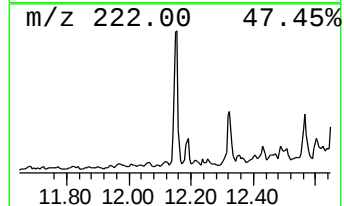
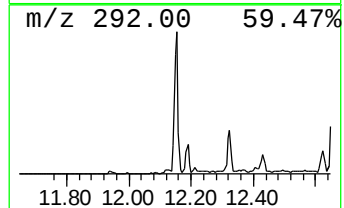
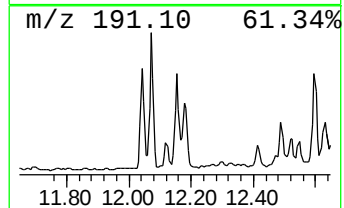
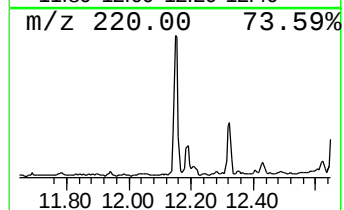
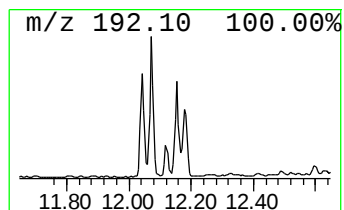
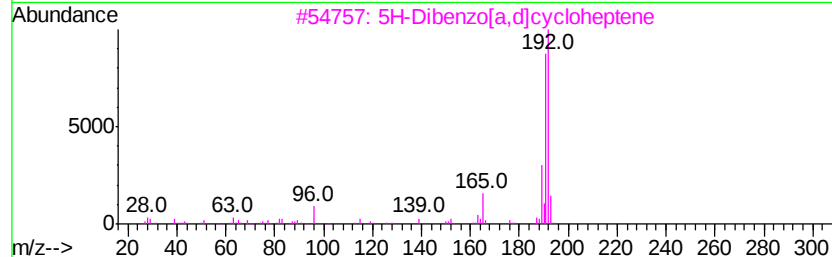
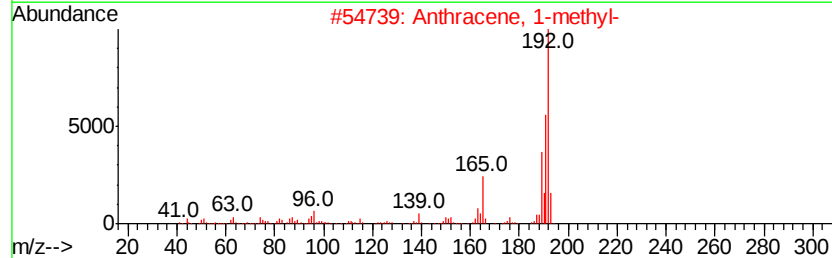
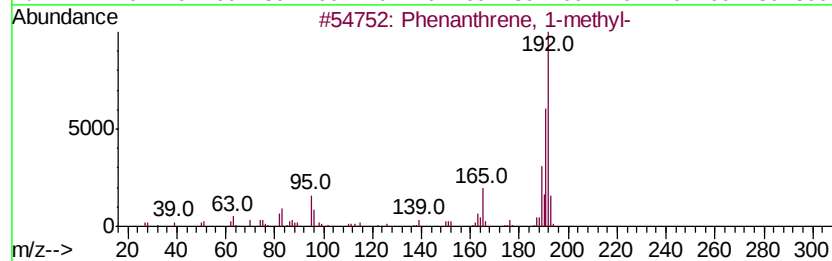
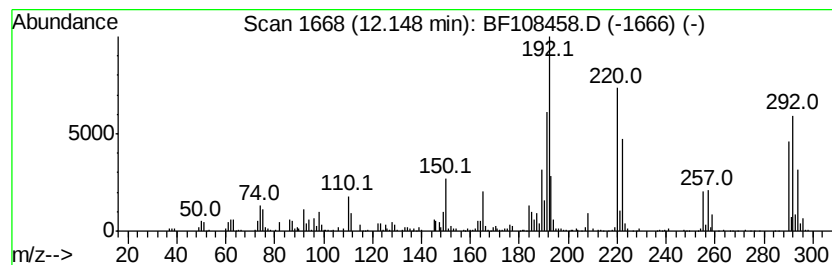
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown12.15 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	11.62 ng	453311	Phenanthrene-d10	11.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	56
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
3			5H-Dibenzof[a,d]cycloheptene	192	C15H12	000256-81-5	42
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	41
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
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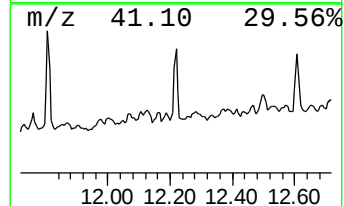
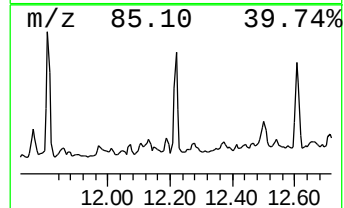
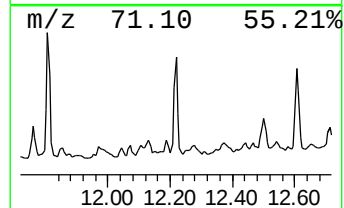
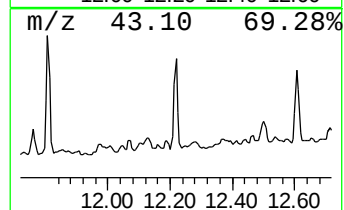
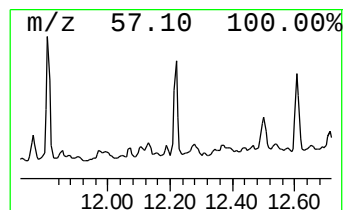
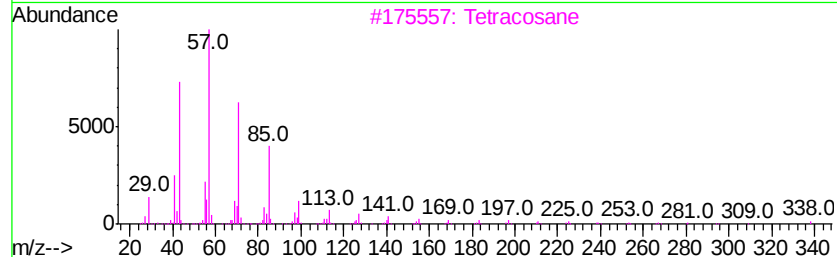
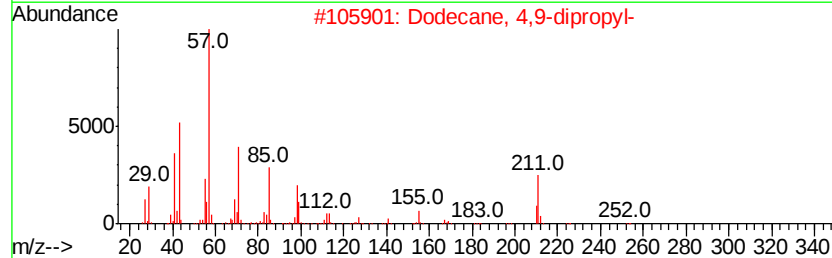
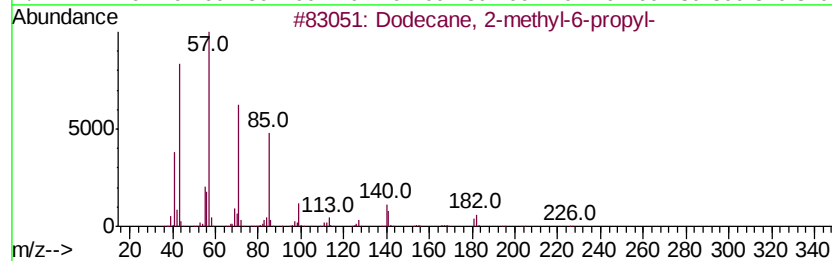
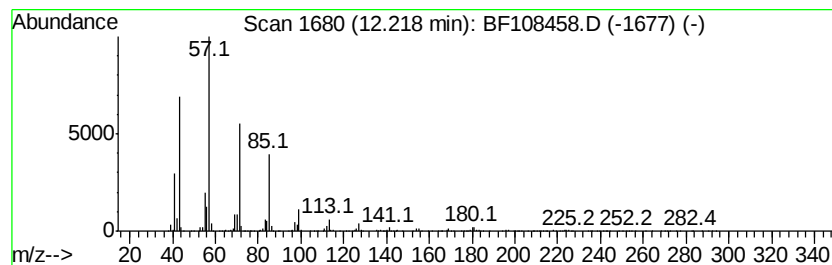
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dodecane, 2-methyl-6-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	17.79 ng	693979	Phenanthrene-d10	11.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
2		Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108458.D
Acq On : 24 Aug 2018 9:06
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Sample : J4535-06
Misc :
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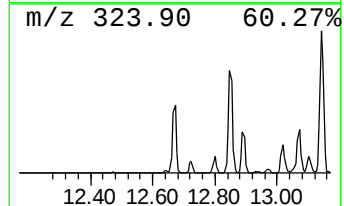
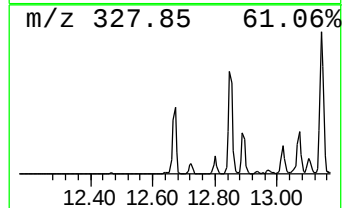
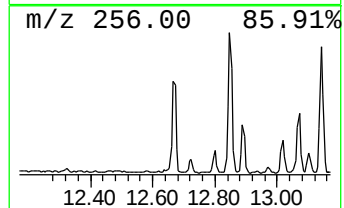
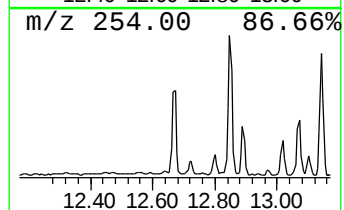
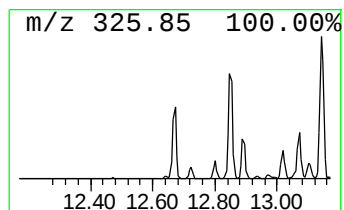
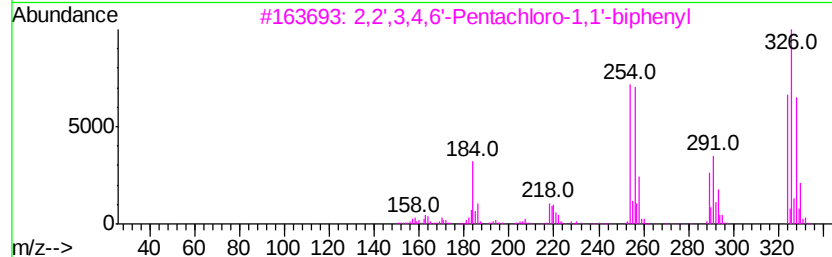
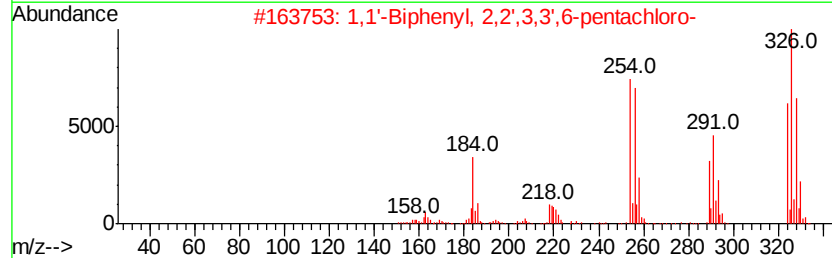
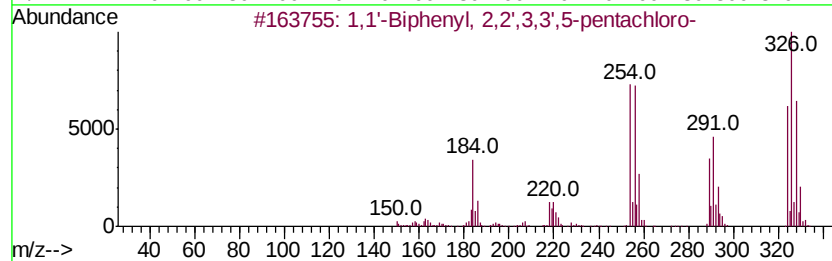
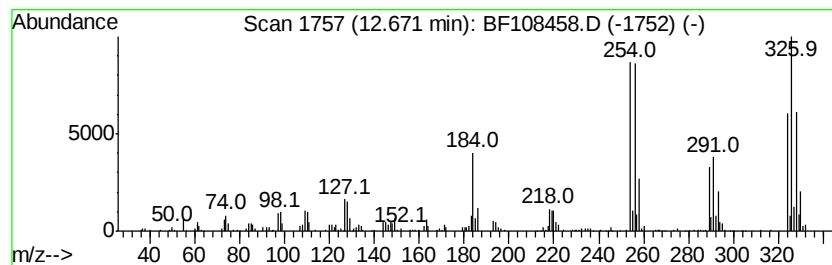
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,1'-Biphenyl, 2,2',3,3',5-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.67	12.82 ng	500072	Phenanthrene-d10	11.54		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
2	1,1'	-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
3	2,2',3,4,6'	-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
4	2,2',3,5,6'	-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	99
5	2,2',3,4,4'	-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
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Sample : J4535-06
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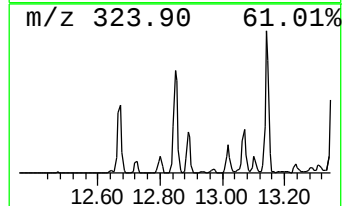
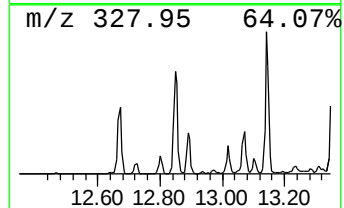
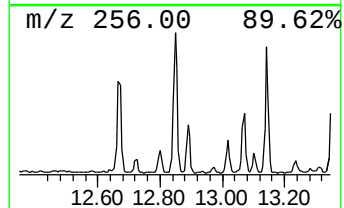
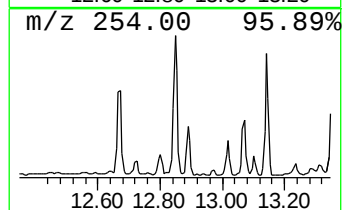
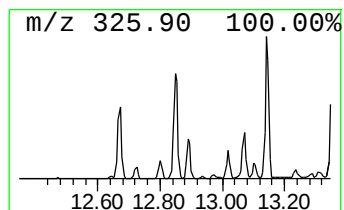
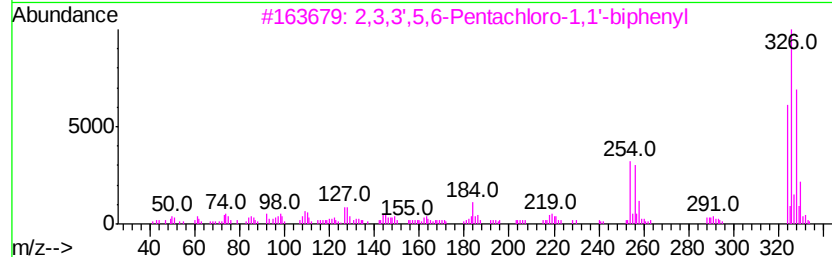
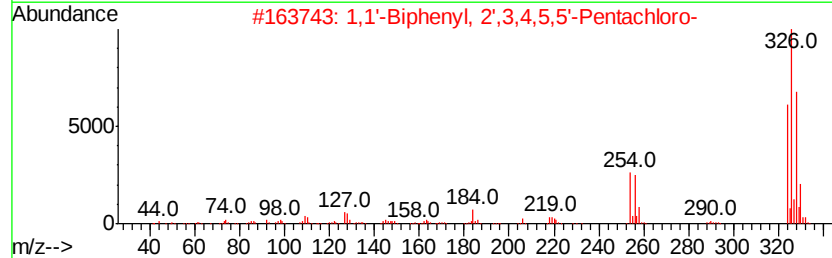
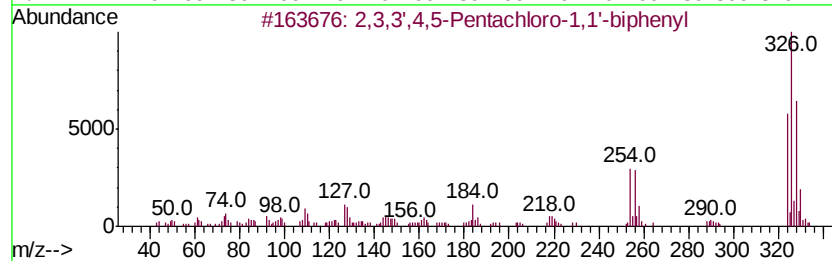
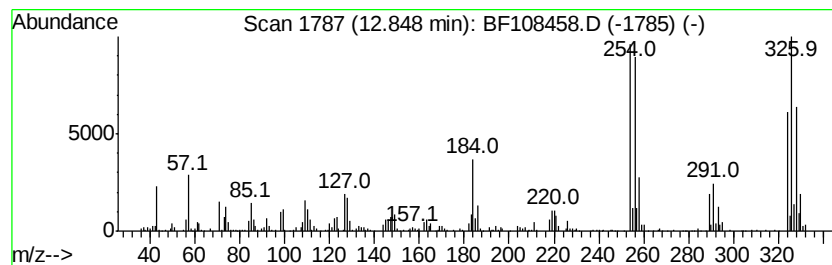
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2,3,3',4,5-Pentachloro-1,1'... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.85	12.83 ng	500573	Phenanthrene-d10	11.54		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99	
2	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	99	
3	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99	
4	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	99	
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
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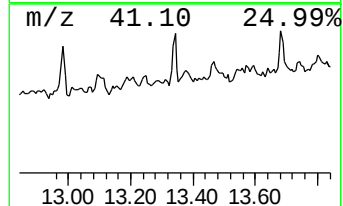
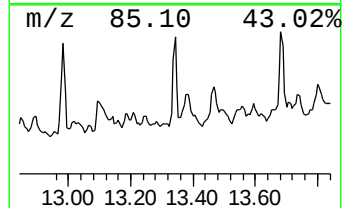
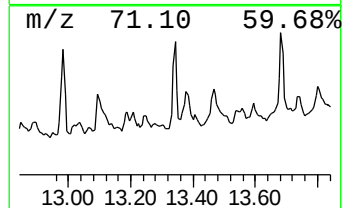
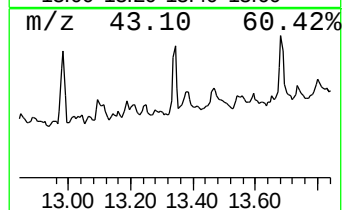
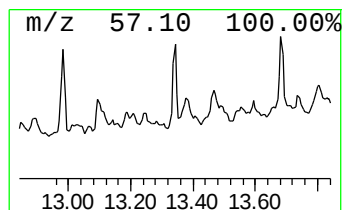
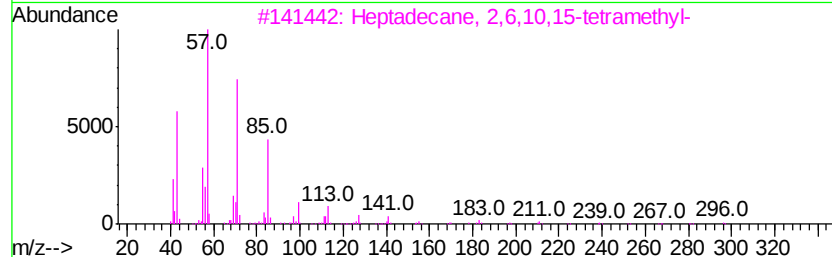
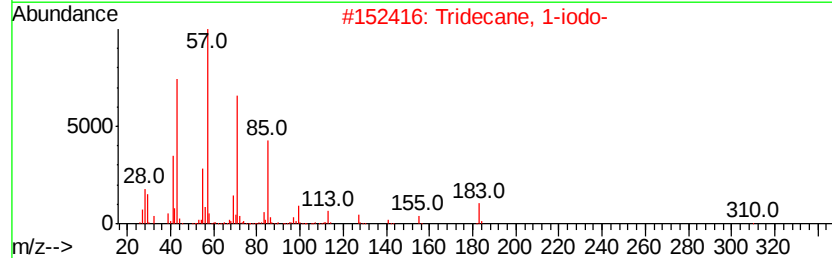
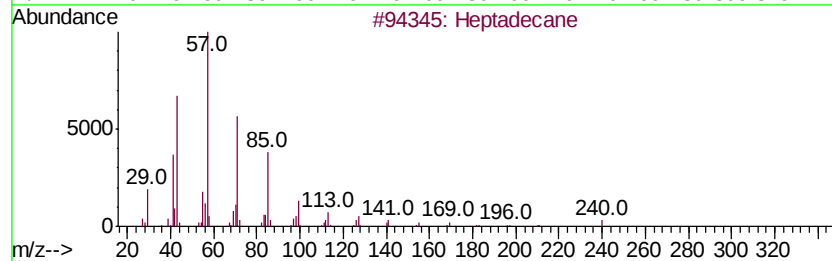
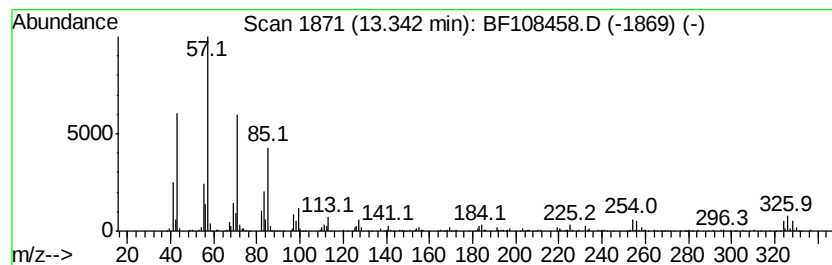
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.34	10.30 ng	498007	Chrysene-d12	14.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	89
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Tricosane	324	C23H48	000638-67-5	78
5	Octadecane	254	C18H38	000593-45-3	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
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 Sample : J4535-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-NSW-15-038

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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
Butane, 2-methoxy...	2.37	10.1	ng	446887	1	7.00	882180	20.0
unknown6.77	6.77	71.6	ng	3159990	1	7.00	882180	20.0
Tridecane	8.85	10.8	ng	550400	2	8.28	1024330	20.0
Tetradecane	9.42	20.3	ng	946287	3	10.04	933256	20.0
Naphthalene, 1,5-...	9.62	12.1	ng	565230	3	10.04	933256	20.0
Naphthalene, 2,3-...	9.70	8.6	ng	402615	3	10.04	933256	20.0
Hexadecane	10.45	34.0	ng	1587590	3	10.04	933256	20.0
Tridecane, 3-methyl-	10.68	17.3	ng	804851	3	10.04	933256	20.0
Pentadecane	10.93	61.3	ng	2390870	4	11.54	780375	20.0
Tridecane, 4-methyl-	11.41	13.7	ng	532851	4	11.54	780375	20.0
Phenanthrene, 1-m...	12.07	10.6	ng	414412	4	11.54	780375	20.0
unknown12.15	12.15	11.6	ng	453311	4	11.54	780375	20.0
Dodecane, 2-methy...	12.22	17.8	ng	693979	4	11.54	780375	20.0
1,1'-Biphenyl, 2,...	12.67	12.8	ng	500072	4	11.54	780375	20.0
2,3,3',4,5-Pentac...	12.85	12.8	ng	500573	4	11.54	780375	20.0
Heptadecane	13.34	10.3	ng	498007	5	14.21	966628	20.0