LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113244.D
Acq On : 22 Mar 2019 19:45
Operator : JU/SJ
Sample : K2024-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RCA-09

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 >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.892	474	477	487	rVB	176029	234202	6.70%	0.520%
2	5.328	547	551	569	rVB	1827658	1925422	55.06%	4.273%
3	6.363	722	727	740	rBV	2775756	2844447	81.33%	6.312%
4	6.486	744	748	751	rBV	2924493	2554127	73.03%	5.668%
5	6.716	783	787	790	rBV	1084157	984105	28.14%	2.184%
6	6.869	809	813	817	rBV	2628709	2521228	72.09%	5.595%
7	7.275	873	882	885	rBV	2057756	1998191	57.14%	4.434%
8	7.322	888	890	894	rVB	69849	63298	1.81%	0.140%
9	7.492	914	919	921	rBV2	40510	44576	1.27%	0.099%
10	7.639	936	944	948	rBV6	21190	38622	1.10%	0.086%
11	7.739	956	961	963	rBV3	24639	40249	1.15%	0.089%
12	7.998	1000	1005	1007	rBV	1362970	1357790	38.82%	3.013%
13	8.069	1015	1017	1020	rVB	61225	45959	1.31%	0.102%
14	8.298	1050	1056	1058	rBV6	32081	48996	1.40%	0.109%
15	8.386	1068	1071	1074	rVB2	52082	45346	1.30%	0.101%
16	8.428	1075	1078	1083	rVV2	113273	134458	3.84%	0.298%
17	8.504	1087	1091	1094	rBV4	34680	40655	1.16%	0.090%
18	8.598	1103	1107	1111	rBV	214358	189485	5.42%	0.420%
19	8.710	1120	1126	1129	rVB2	110110	141609	4.05%	0.314%
20	8.804	1139	1142	1147	rBV2	76407	101980	2.92%	0.226%
21	8.880	1153	1155	1157	rBV2	48549	46113	1.32%	0.102%
22	9.027	1177	1180	1183	rVB	168734	141903	4.06%	0.315%
23	9.075	1183	1188	1191	rBV	3901970	3497251	100.00%	7.761%
24	9.163	1199	1203	1207	rBV2	316477	340728	9.74%	0.756%
25	9.216	1209	1212	1215	rVV4	44104	73880	2.11%	0.164%
26	9.275	1219	1222	1226	rVB3	37116	51700	1.48%	0.115%
27	9.339	1229	1233	1237	rVB2	66150	104081	2.98%	0.231%
28	9.410	1242	1245	1247	rBV2	115627	114892	3.29%	0.255%
29	9.433	1247	1249	1251	rVB2	67418	53094	1.52%	0.118%
30	9.463	1251	1254	1256	rBV	299027	278896	7.97%	0.619%
31	9.480	1256	1257	1260	rVB	193767	125694	3.59%	0.279%
32	9.610	1277	1279	1281	rBV2	48860	49466	1.41%	0.110%
33	9.663	1286	1288	1290	rVB	74047	53440	1.53%	0.119%
34	9.692	1290	1293	1297	rBV	312147	250733	7.17%	0.556%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2024-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RCA-09

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 >
Peak separation: 5

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

35	9.745	1297	1302	1305	rBV	1465720	1447332	41.38%	3.212%
36	9.780	1305	1308	1312	rVB	221341	221444	6.33%	0.491%
37	9.863	1318	1322	1325	rVB2	53792	80619	2.31%	0.179%
38	9.922	1325	1332	1334	rBV7	53041	111332	3.18%	0.247%
39	9.951	1334	1337	1340	rVB	255488	213602	6.11%	0.474%
40	10.010	1345	1347	1352	rVB4	93134	97509	2.79%	0.216%
41	10.069	1354	1357	1359	rBV	54342	46359	1.33%	0.103%
42	10.157	1369	1372	1374	rBV2	78495	72338	2.07%	0.161%
43	10.186	1374	1377	1380	rVB	290434	229498	6.56%	0.509%
44	10.292	1392	1395	1398	rBV	295320	272319	7.79%	0.604%
45	10.380	1408	1410	1412	rBV2	70406	65374	1.87%	0.145%
46	10.410	1412	1415	1420	rVV	236712	246331	7.04%	0.547%
47	10.457	1420	1423	1426	rVB3	74247	92259	2.64%	0.205%
48	10.492	1426	1429	1431	rBV3	62316	54587	1.56%	0.121%
49	10.533	1432	1436	1440	rBV	774061	756212	21.62%	1.678%
50	10.674	1458	1460	1465	rVB	426939	373227	10.67%	0.828%
51	10.869	1491	1493	1495	rVB	57435	38729	1.11%	0.086%
52	11.033	1519	1521	1525	rVB2	78353	65690	1.88%	0.146%
53	11.098	1528	1532	1535	rVV2	990029	1014079	29.00%	2.250%
54	11.139	1536	1539	1540	rVV	242797	264781	7.57%	0.588%
55	11.157	1540	1542	1545	rVB	282671	216625	6.19%	0.481%
56	11.227	1550	1554	1556	rVV	1235045	1149950	32.88%	2.552%
57	11.251	1556	1558	1561	rVV	1684541	1292162	36.95%	2.868%
58	11.304	1564	1567	1570	rVB	328155	312955	8.95%	0.694%
59	11.457	1589	1593	1596	rBV	202073	212770	6.08%	0.472%
60	11.486	1596	1598	1601	rVB	73757	65303	1.87%	0.145%
61	11.533	1602	1606	1608	rBV2	178856	165559	4.73%	0.367%
62	11.627	1619	1622	1627	rVB2	121220	134512	3.85%	0.299%
63	11.727	1636	1639	1642	rBV	146947	141663	4.05%	0.314%
64	11.763	1642	1645	1648	rVV2	309598	335375	9.59%	0.744%
65	11.839	1655	1658	1660	rBV	241893	236566	6.76%	0.525%
66	11.933	1672	1674	1677	rVB	156528	138257	3.95%	0.307%
67	12.021	1687	1689	1691	rBV	87055	65652	1.88%	0.146%
68	12.051	1691	1694	1699	rVB4	71080	73990	2.12%	0.164%
69	12.204	1718	1720	1721	rBV	58247	49185	1.41%	0.109%
70	12.280	1730	1733	1735	rBV2	87062	86512	2.47%	0.192%
71	12.321	1738	1740	1744	rVB	150739	167898	4.80%	0.373%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2024-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RCA-09

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 >
Peak separation: 5

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

72	12.363	1744	1747	1751	rVB3	68503	84603	2.42%	0.188%
73	12.439	1756	1760	1763	rBV	1558532	1403612	40.13%	3.115%
74	12.663	1792	1798	1801	rBV	1263890	1304459	37.30%	2.895%
75	12.692	1801	1803	1805	rVB2	129908	100640	2.88%	0.223%
76	12.780	1816	1818	1819	rBV2	71153	56693	1.62%	0.126%
77	12.810	1819	1823	1831	rVB	3182605	2862722	81.86%	6.353%
78	12.992	1851	1854	1857	rVB	202263	193570	5.53%	0.430%
79	13.051	1861	1864	1868	rBV2	218409	254097	7.27%	0.564%
80	13.092	1868	1871	1874	rBV	123394	144535	4.13%	0.321%
81	13.392	1919	1922	1925	rBV2	173651	151179	4.32%	0.335%
82	13.721	1975	1978	1986	rVB	370584	479180	13.70%	1.063%
83	13.857	1996	2001	2004	rBV2	1359555	1773027	50.70%	3.935%
84	13.886	2004	2006	2008	rVB	499377	395573	11.31%	0.878%
85	13.962	2017	2019	2023	rVB	148777	130250	3.72%	0.289%
86	14.033	2028	2031	2036	rVB2	220801	241316	6.90%	0.536%
87	14.339	2080	2083	2086	rBV	292247	281507	8.05%	0.625%
88	14.609	2126	2129	2131	rBV	387037	361722	10.34%	0.803%
89	14.633	2131	2133	2136	rVB	229595	192611	5.51%	0.427%
90	14.874	2170	2174	2177	rBV	530200	809955	23.16%	1.797%
91	14.951	2184	2187	2189	rBV2	230372	238465	6.82%	0.529%
92	15.156	2219	2222	2227	rVB	290280	365525	10.45%	0.811%
93	15.215	2228	2232	2237	rVB	458955	597525	17.09%	1.326%
94	15.274	2237	2242	2244	rBV	911326	1088694	31.13%	2.416%
95	15.304	2244	2247	2251	rVB2	320097	405392	11.59%	0.900%

Sum of corrected areas: 45062023

LSC Report - Integrated Chromatogram

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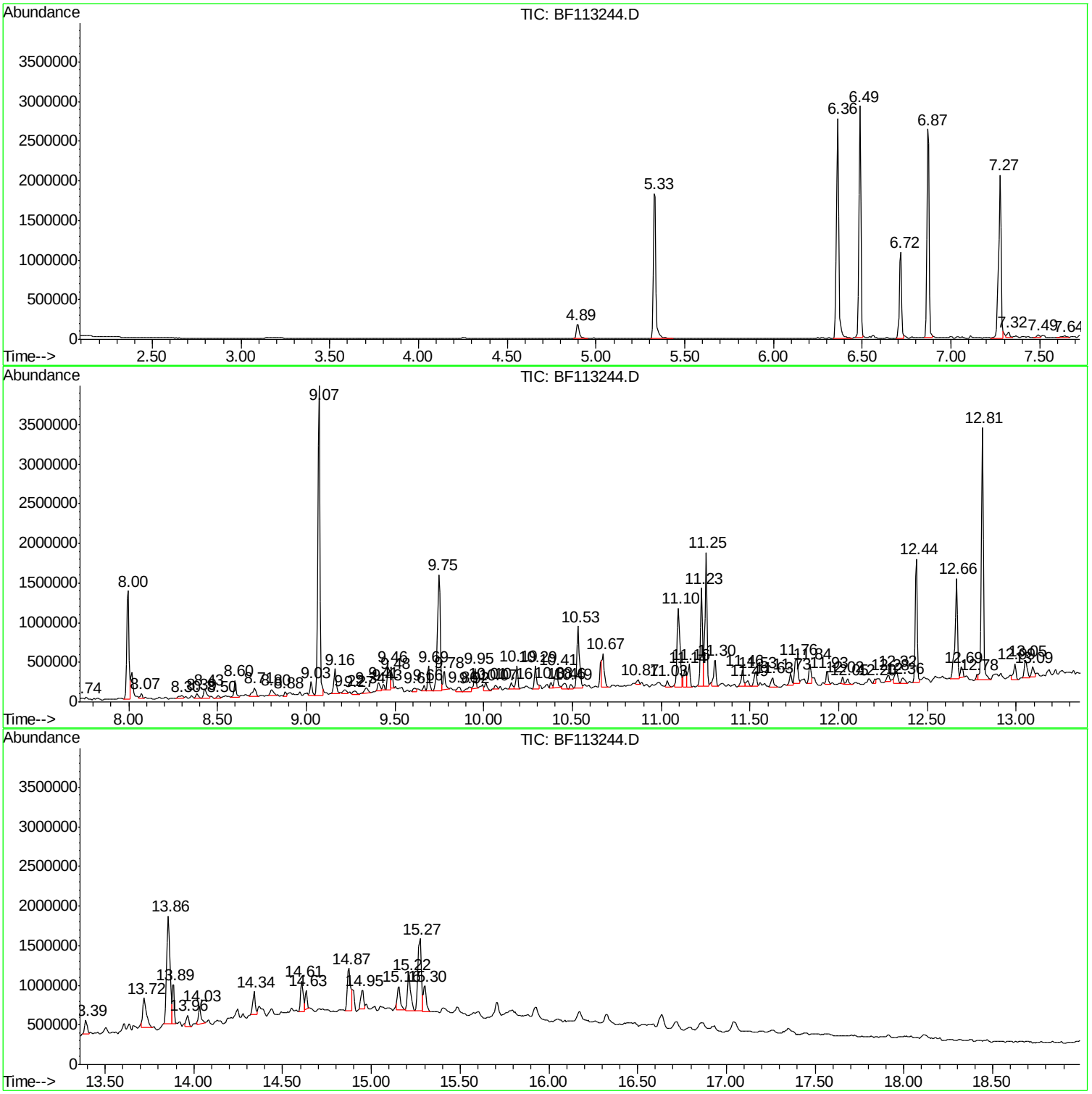
Data File : BF113244.D
Acq On : 22 Mar 2019 19:45
Operator : JU/SJ
Sample : K2024-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RCA-09

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

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113244.D
Acq On : 22 Mar 2019 19:45
Operator : JU/SJ
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RCA-09

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

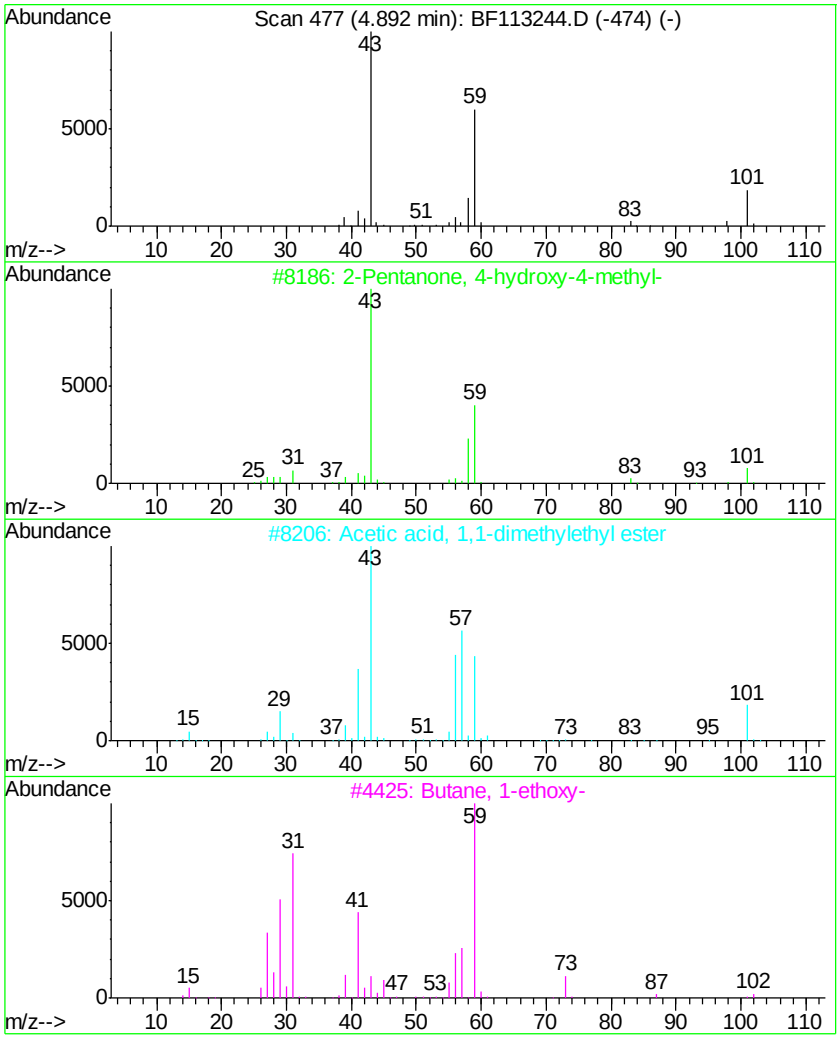
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

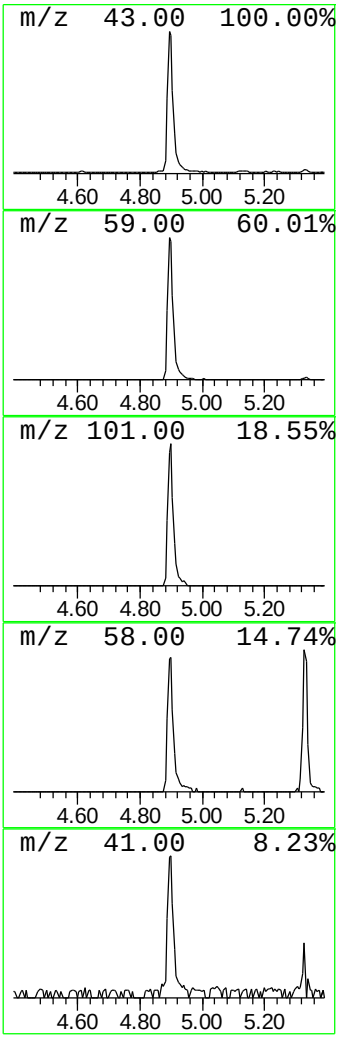
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	4.76 ng	234202	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	Guanidine	59	CH5N3	000113-00-8	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113244.D
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Sample : K2024-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RCA-09

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

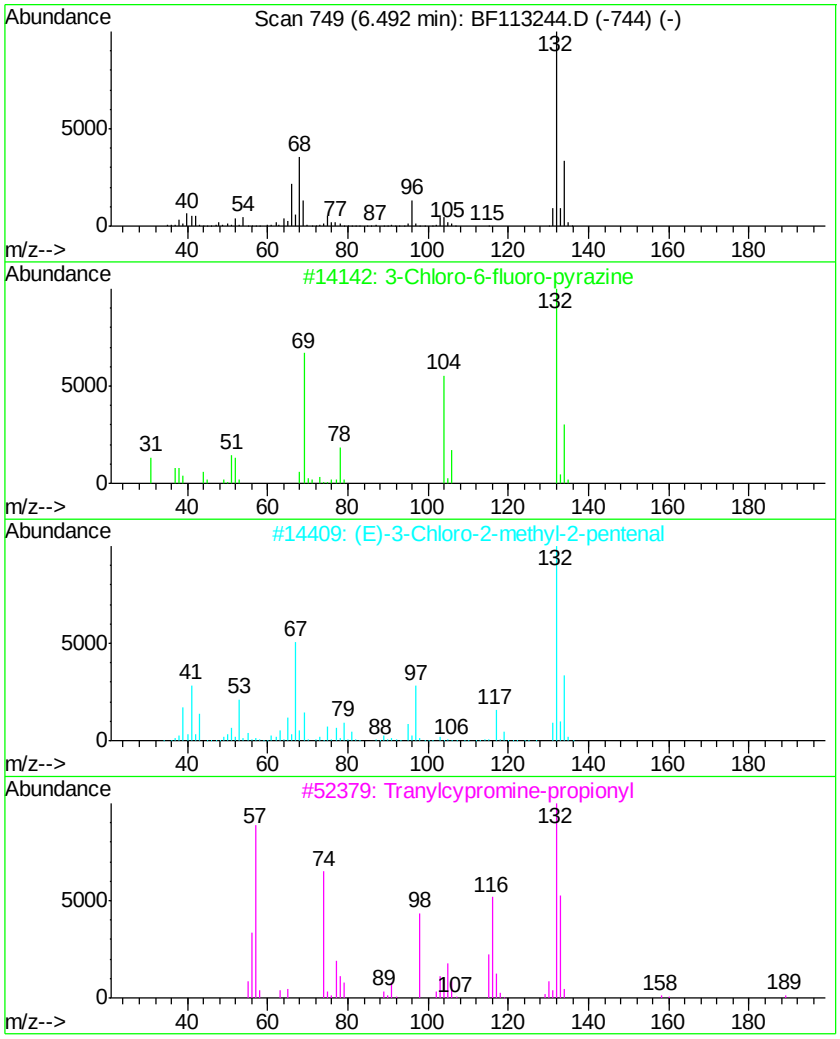
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

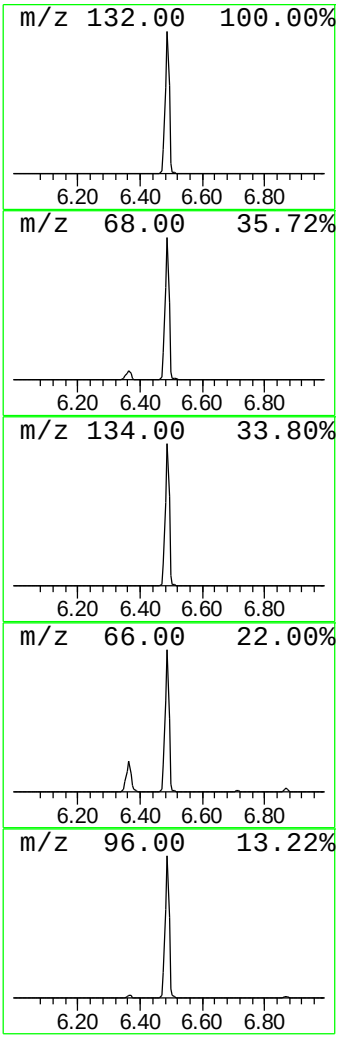
****

Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	51.91 ng	2554130	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Acq On : 22 Mar 2019 19:45
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Misc :
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Instrument : BNA_F
ClientSampleId : RCA-09

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

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

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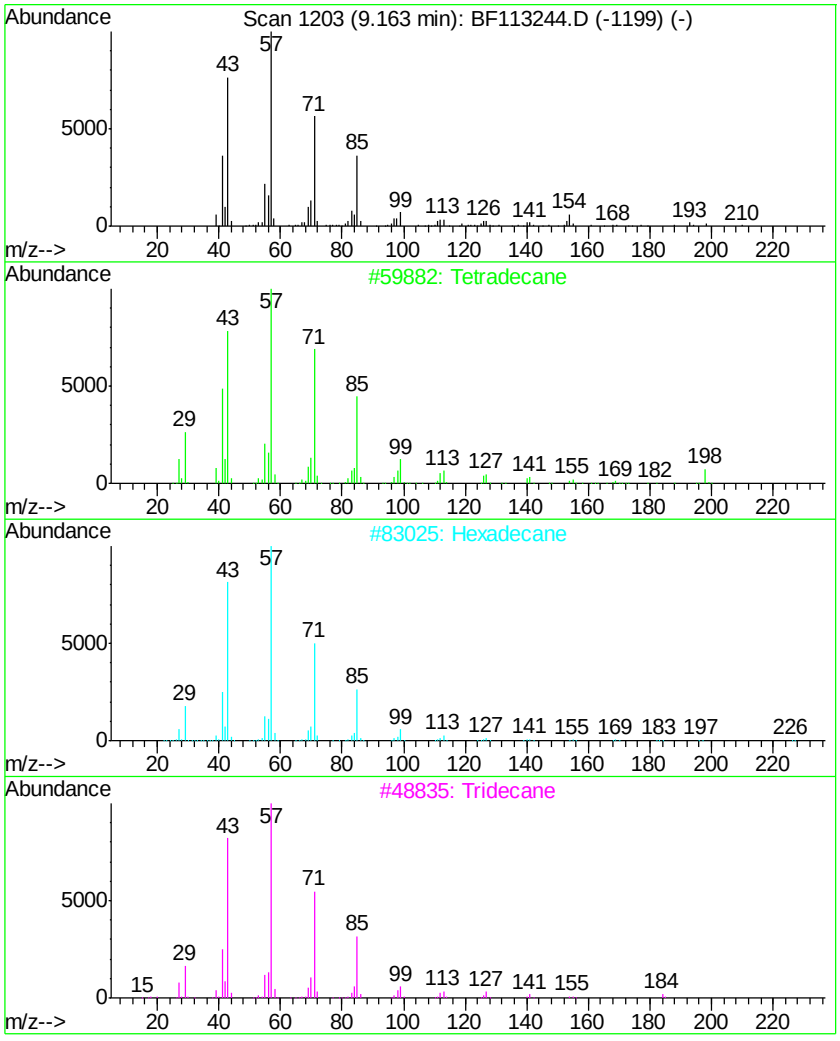
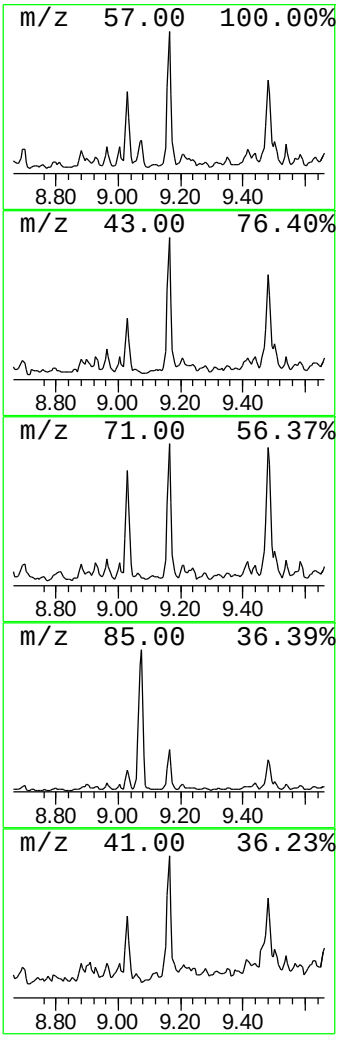
Peak Number 4 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	4.71 ng	340728	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tridecane	184	C13H28	000629-50-5	86
4	Nonadecane	268	C19H40	000629-92-5	83
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80





Library Search Compound Report

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Data File : BF113244.D
Acq On : 22 Mar 2019 19:45
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RCA-09

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

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

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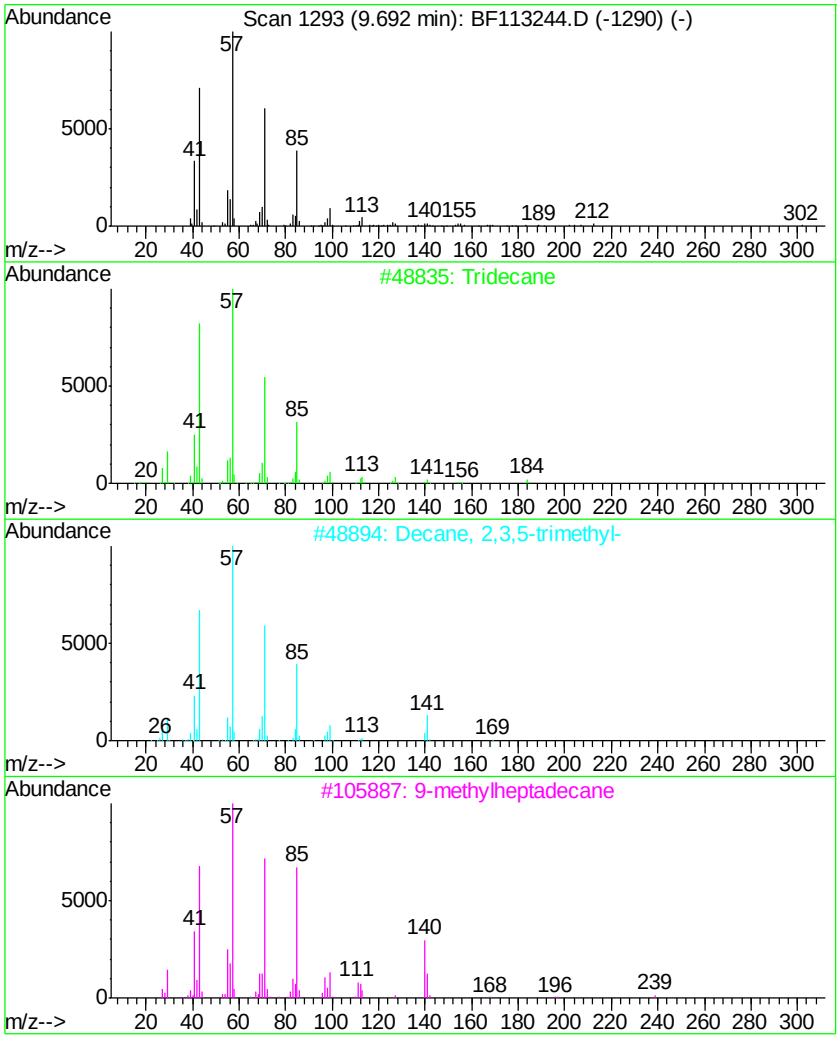
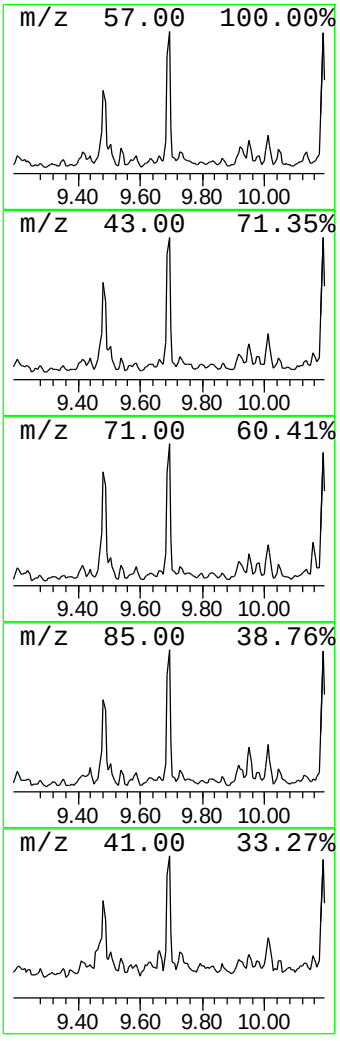
Peak Number 5 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	3.46 ng	250733	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
3	9-methylheptadecane	254	C18H38	026741-18-4	86
4	Hexadecane	226	C16H34	000544-76-3	80
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	78





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Data File : BF113244.D
Acq On : 22 Mar 2019 19:45
Operator : JU/SJ
Sample : K2024-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RCA-09

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

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

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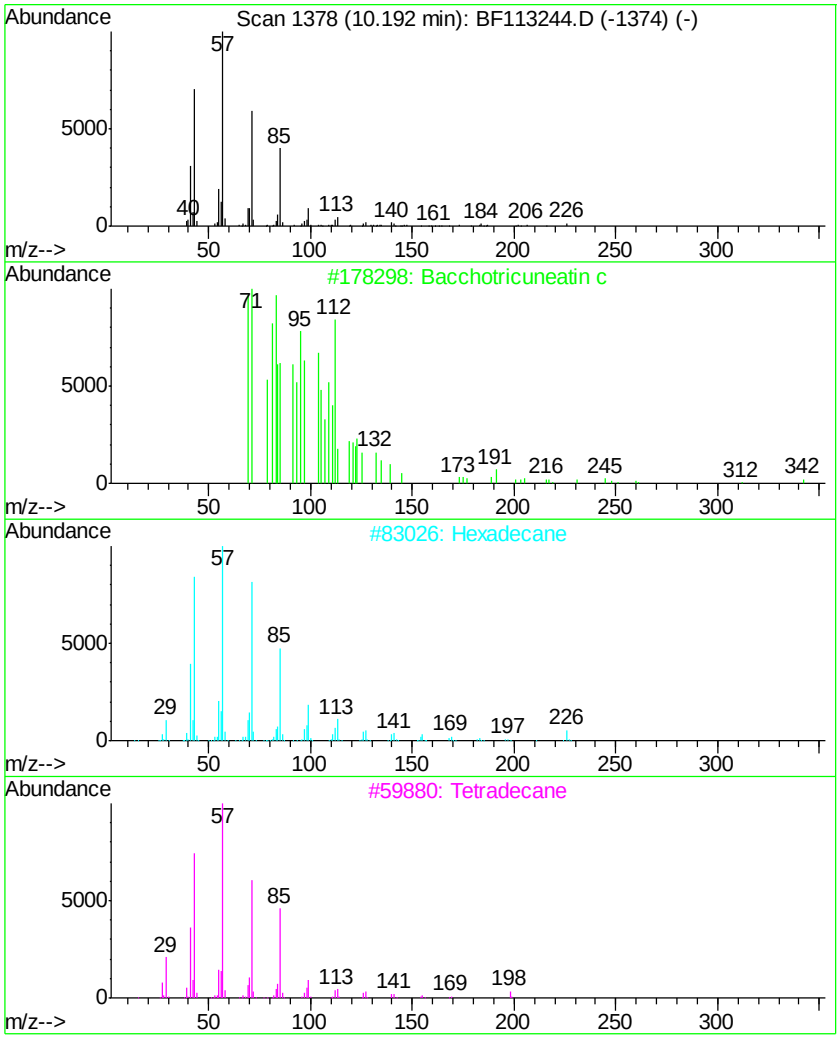
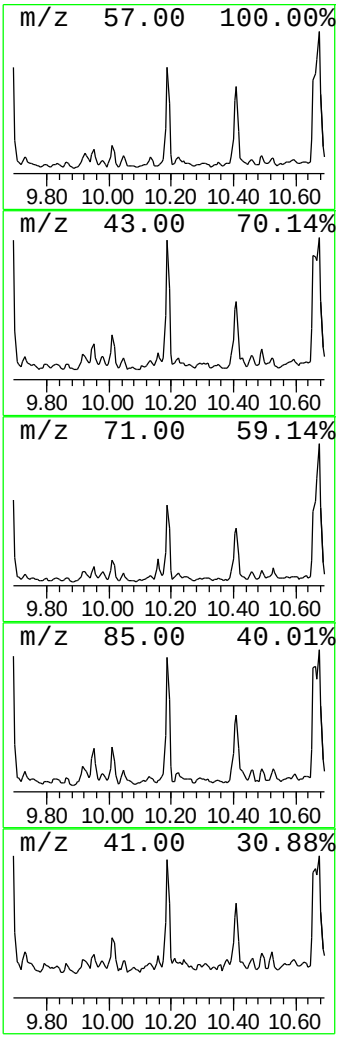
Peak Number 6 Bacchotricuneatin c Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	3.17 ng	229498	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	98
2	Hexadecane	226	C16H34	000544-76-3	94
3	Tetradecane	198	C14H30	000629-59-4	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113244.D
Acq On : 22 Mar 2019 19:45
Operator : JU/SJ
Sample : K2024-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId : RCA-09

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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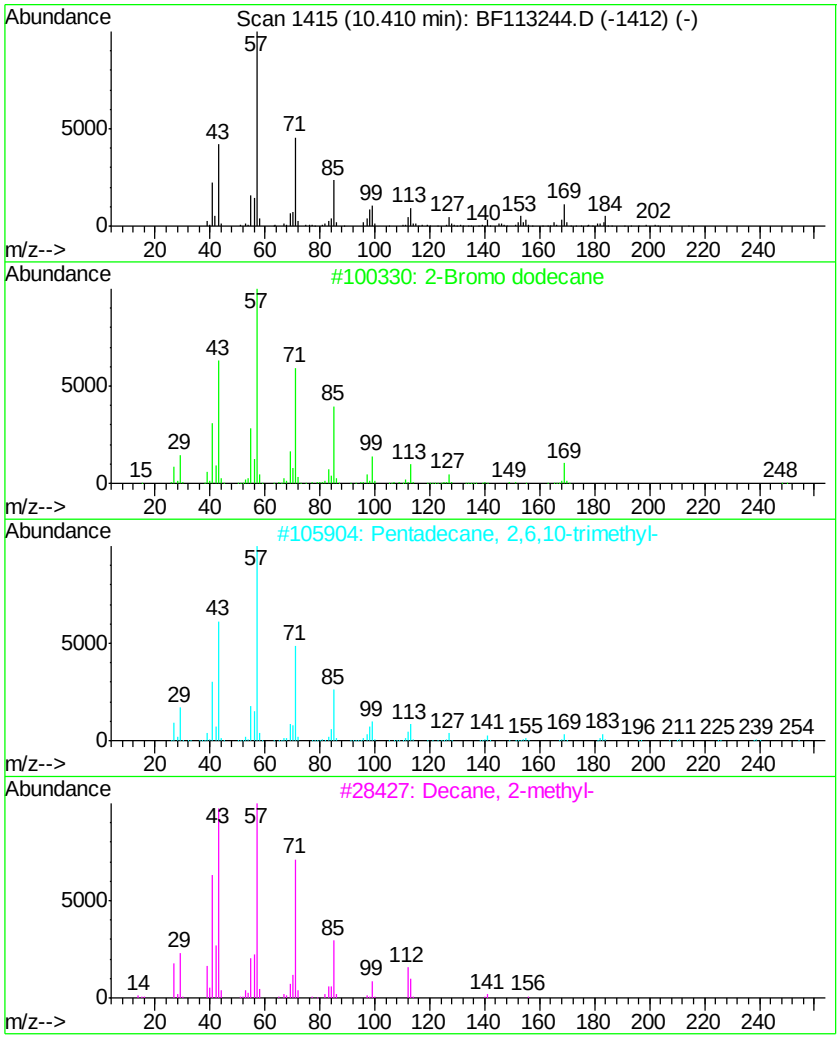
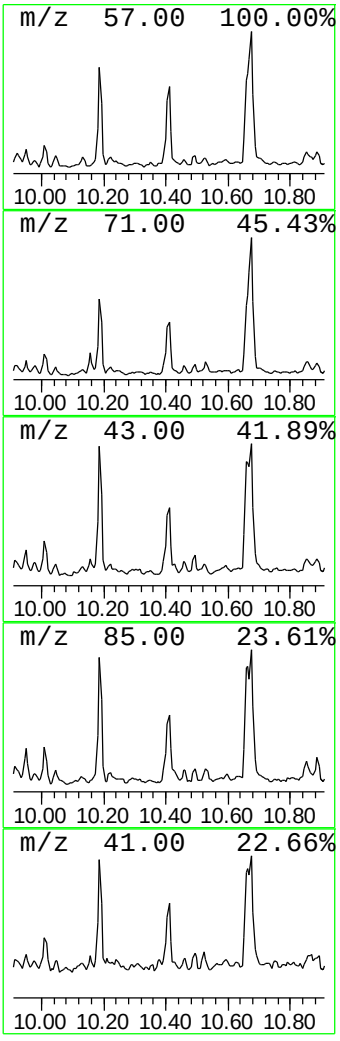
Peak Number 7 2-Bromo dodecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	3.40 ng	246331	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
3	Decane, 2-methyl-	156	C11H24	006975-98-0	62
4	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	60
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	53





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ClientSampleId : RCA-09

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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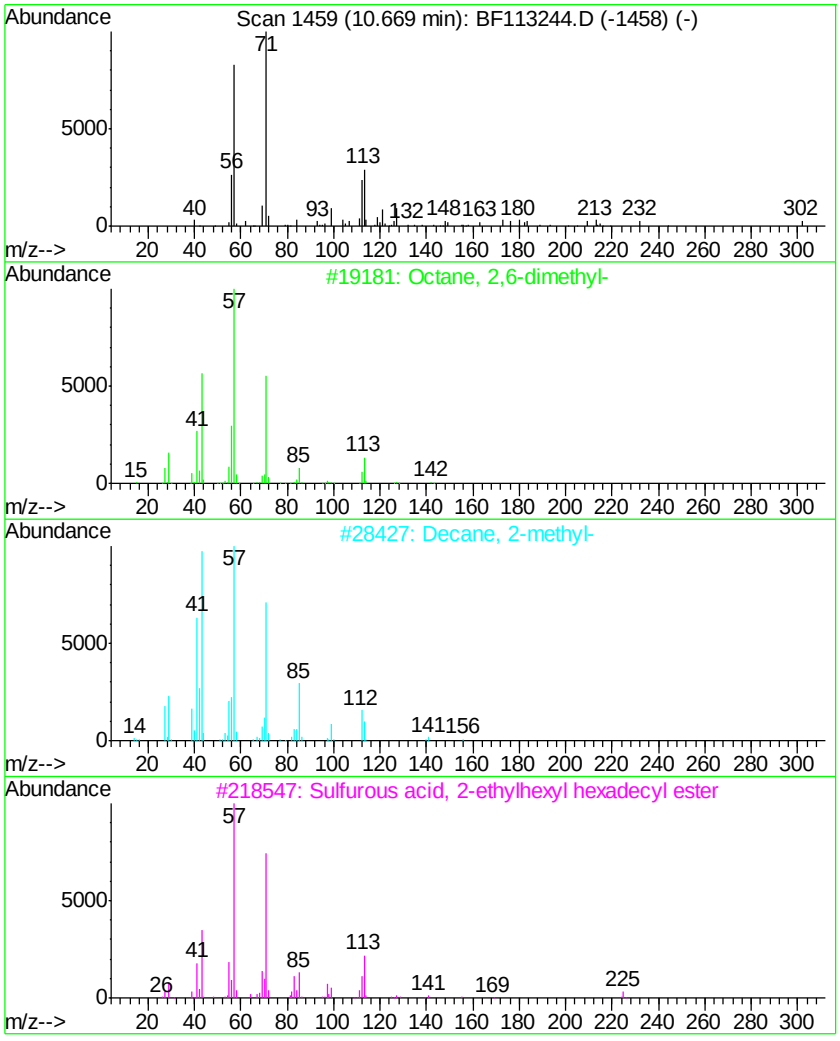
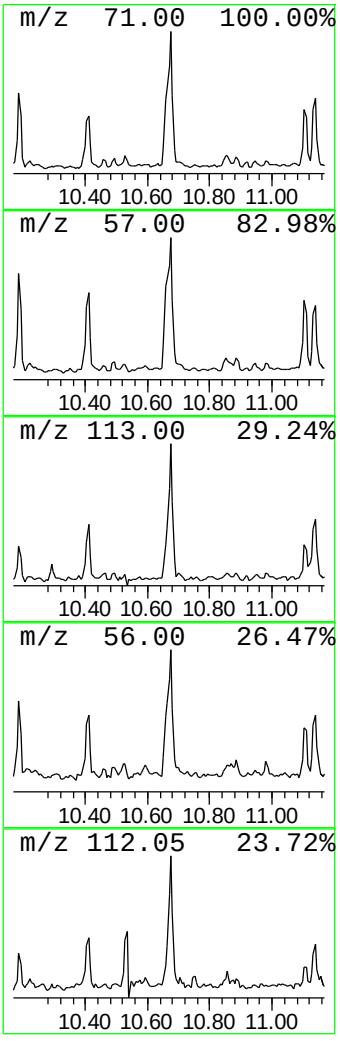
Peak Number 8 Octane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	6.49 ng	373227	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
2	Decane, 2-methyl-	156	C11H24	006975-98-0	64
3	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	64
4	Sulfurous acid, 2-ethylhexyl pen...	404	C23H48O3S	1000309-19-8	64
5	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	64





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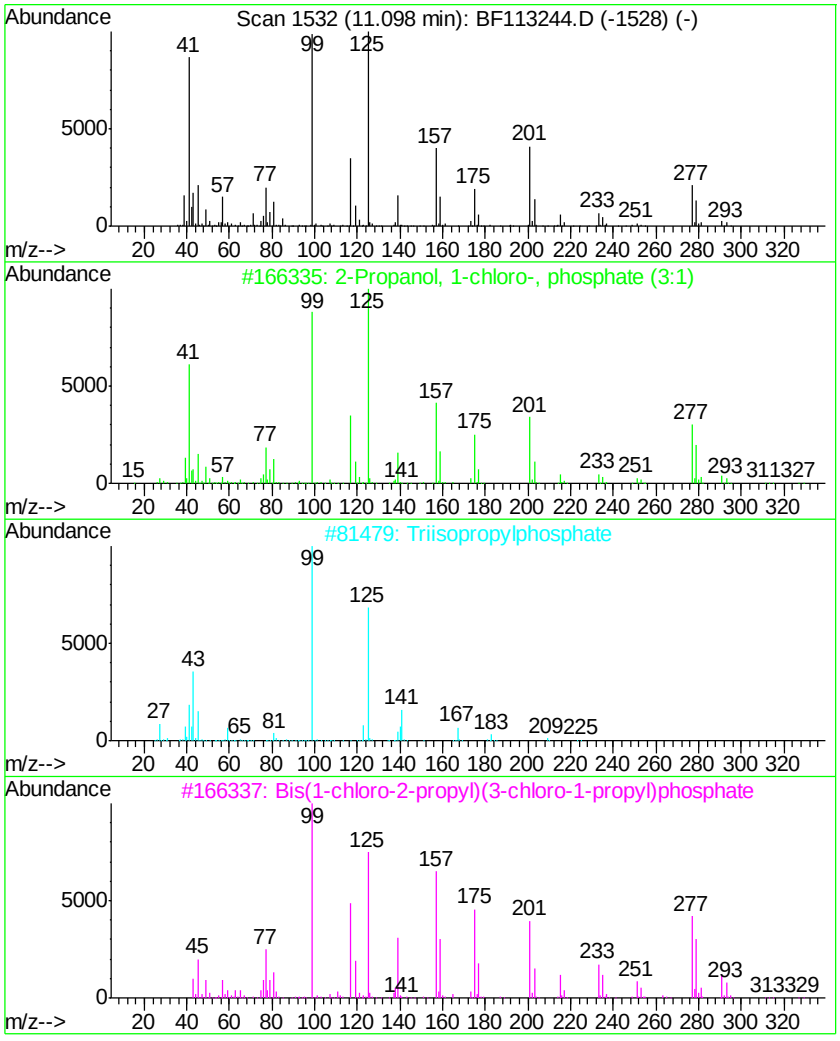
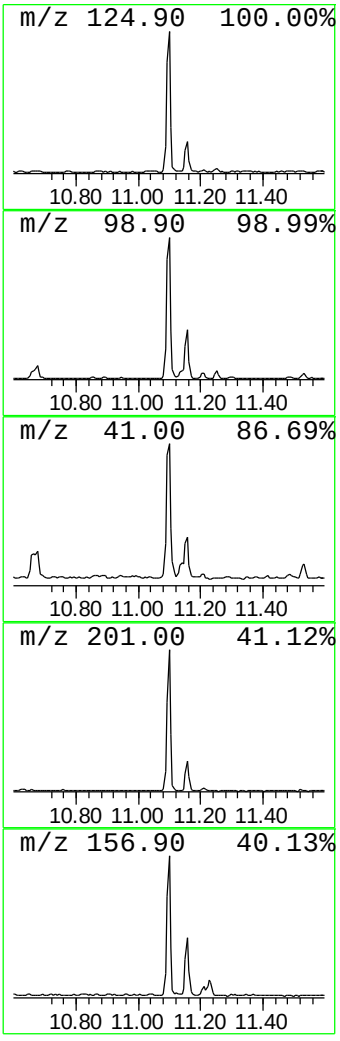
Peak Number 9 2-Propanol, 1-chloro-, phos... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	17.64 ng	1014080	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	81
2	Triisopropylphosphate	224	C9H21O4P	000513-02-0	32
3	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	22
4	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	10
5	3-Chloro-2-nitrobenzoic acid	201	C7H4ClNO4	004771-47-5	10





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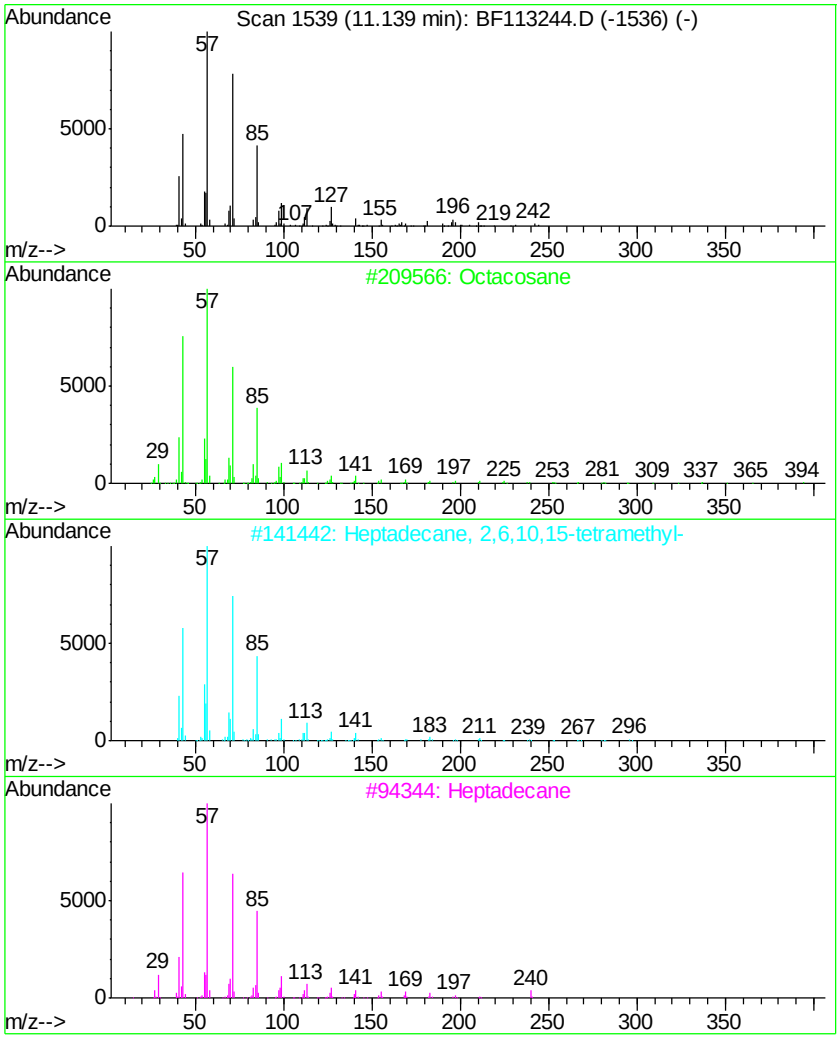
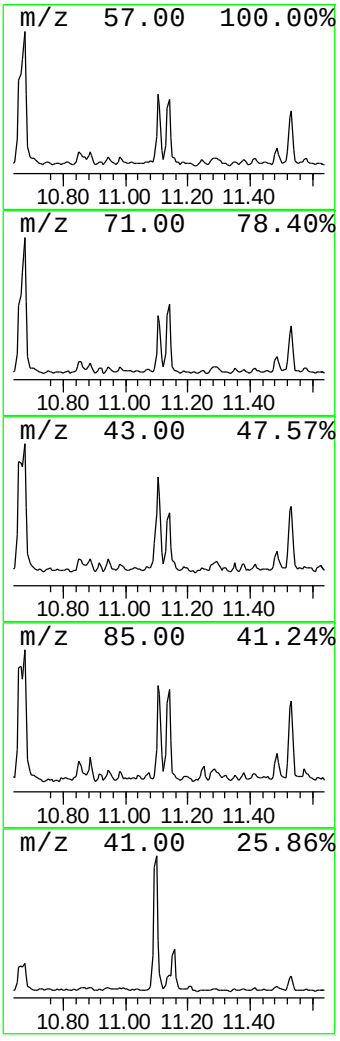
Peak Number 10 Octacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	4.61 ng	264781	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	86
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Heptadecane	240	C17H36	000629-78-7	83
4	Heptacosane	380	C27H56	000593-49-7	78
5	Decane, 2-methyl-	156	C11H24	006975-98-0	68





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ClientSampleId : RCA-09

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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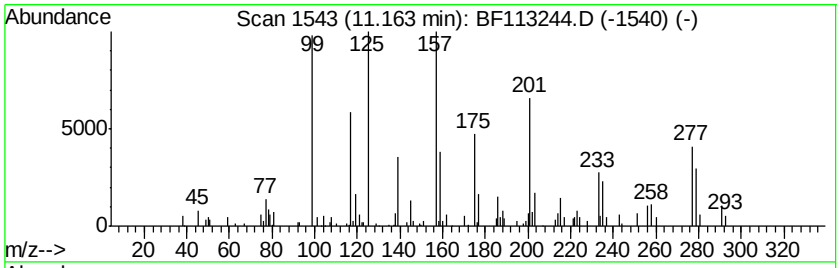
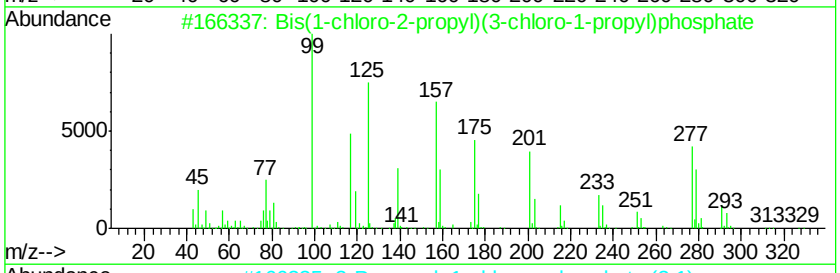
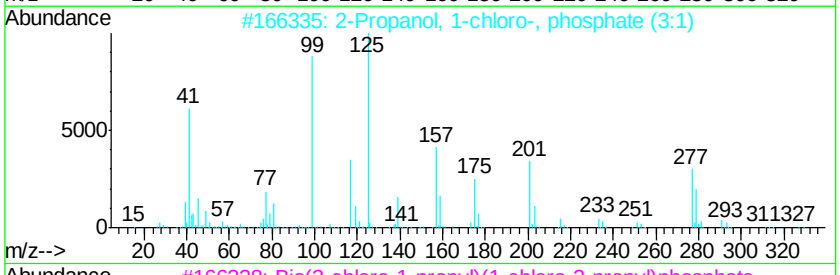
Peak Number 11 Bis(1-chloro-2-propyl)(3-ch... Concentration Rank 14

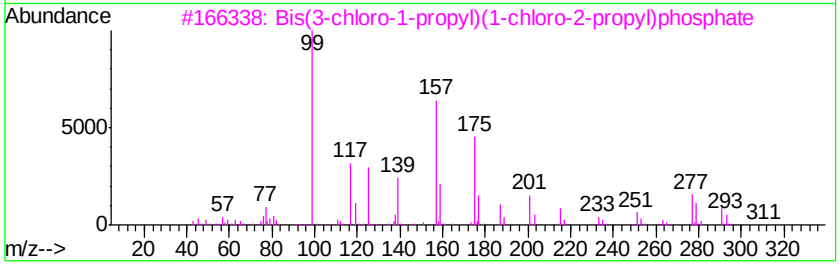
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	3.77 ng	216625	Phenanthrene-d10	11.23

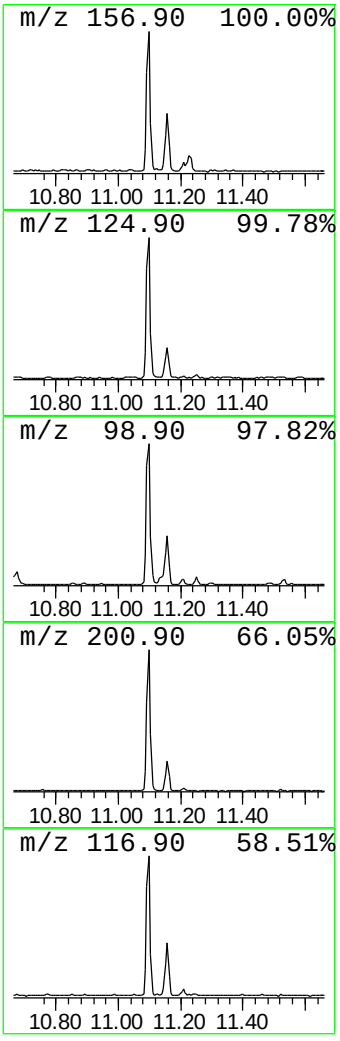
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	74
2	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	43
3	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	38
4	Benzoic acid, 4-[[2-(1-piperazin...	277	C14H19N3O3	1000350-32-6	18
5	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	10











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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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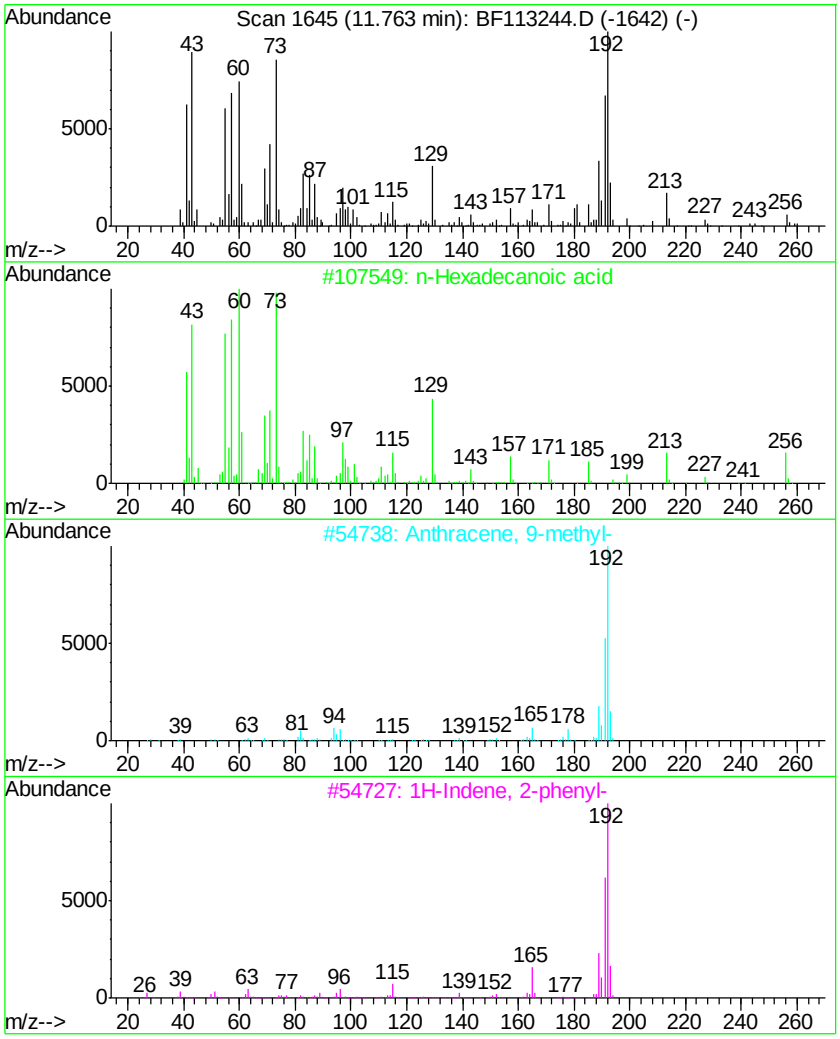
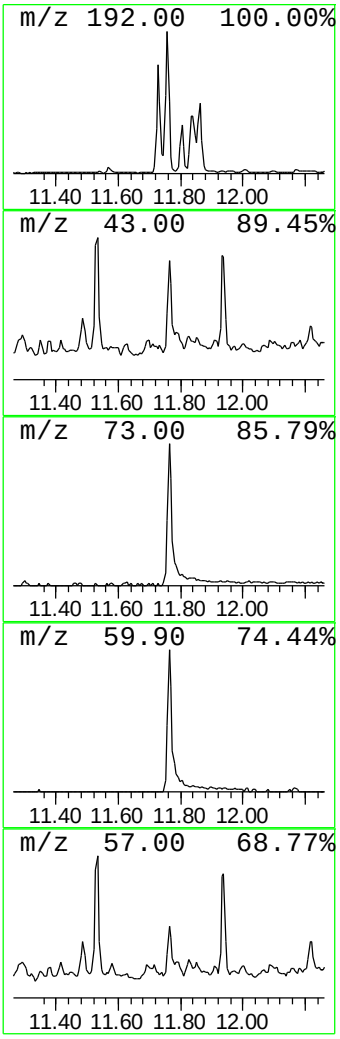
Peak Number 12 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	5.83 ng	335375	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	59
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	55
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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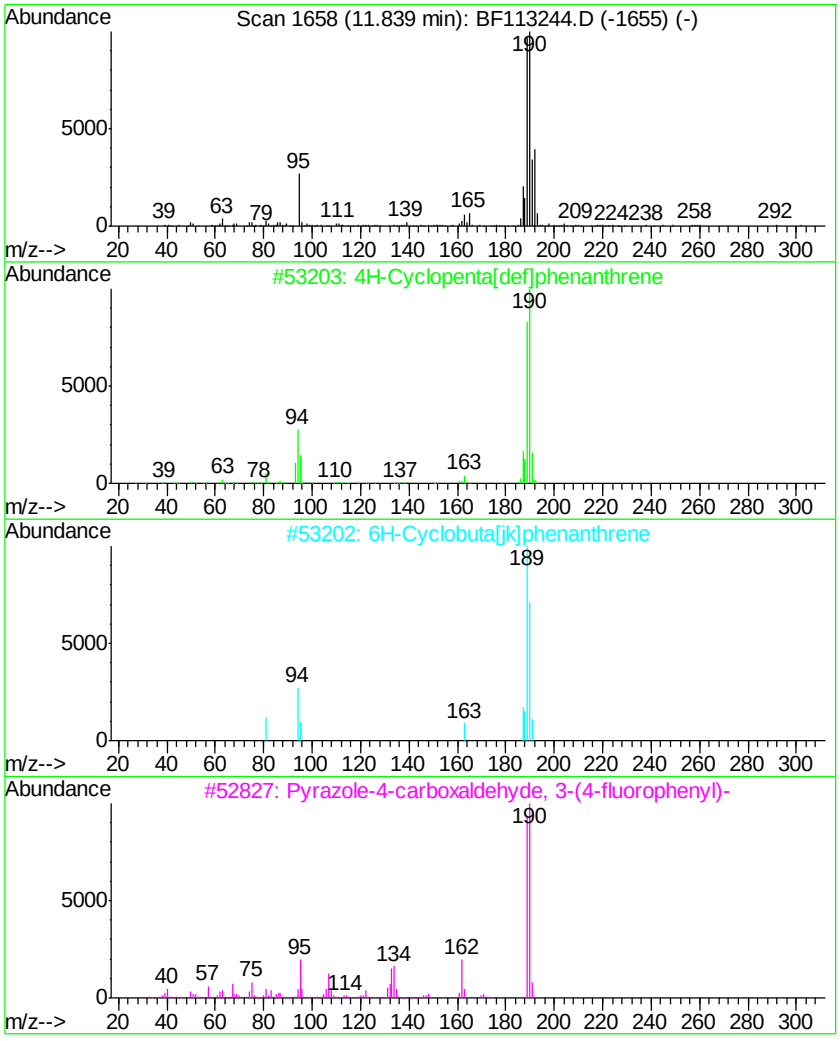
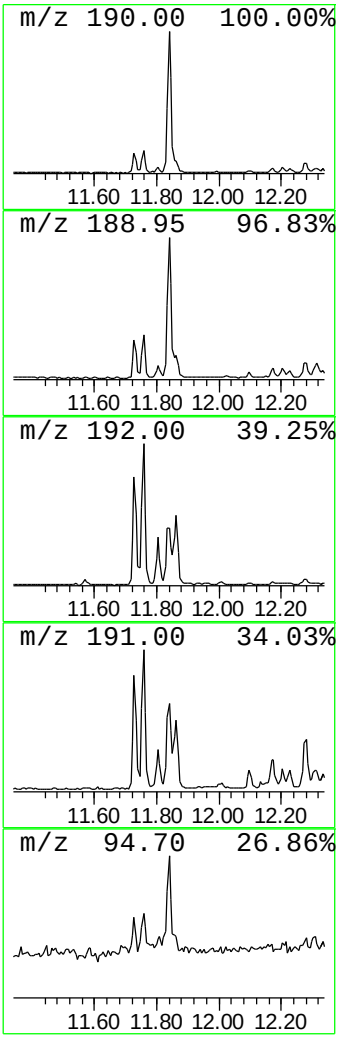
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	4.11 ng	236566	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	52
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	17
5	1-Aminocyclopentanecarboxylic ac...	431	C23H42ClNO4	1000329-17-4	17





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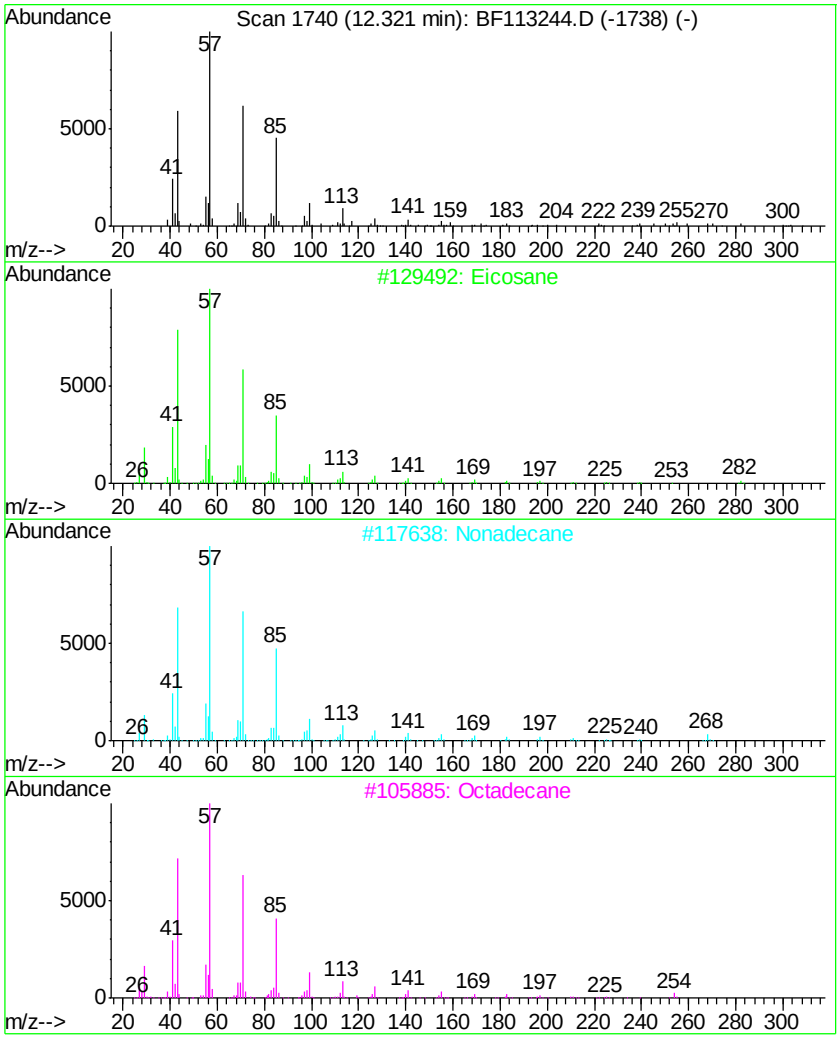
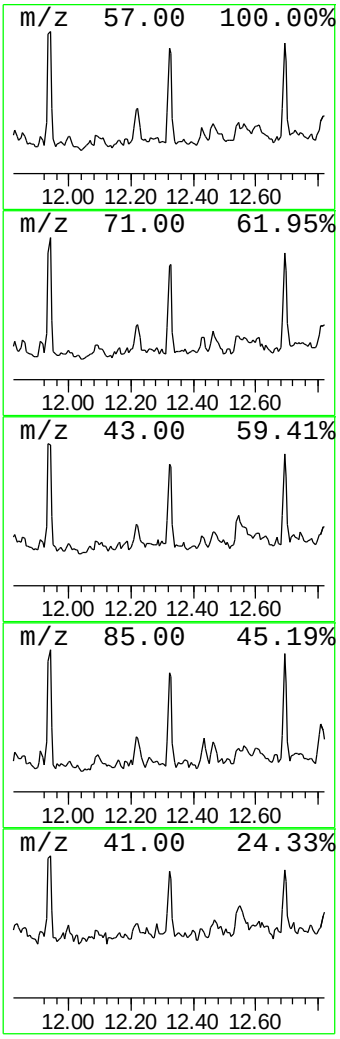
Peak Number 14 Eicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	2.92 ng	167898	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Nonadecane	268	C19H40	000629-92-5	93
3	Octadecane	254	C18H38	000593-45-3	87
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
5	Heptadecane	240	C17H36	000629-78-7	72





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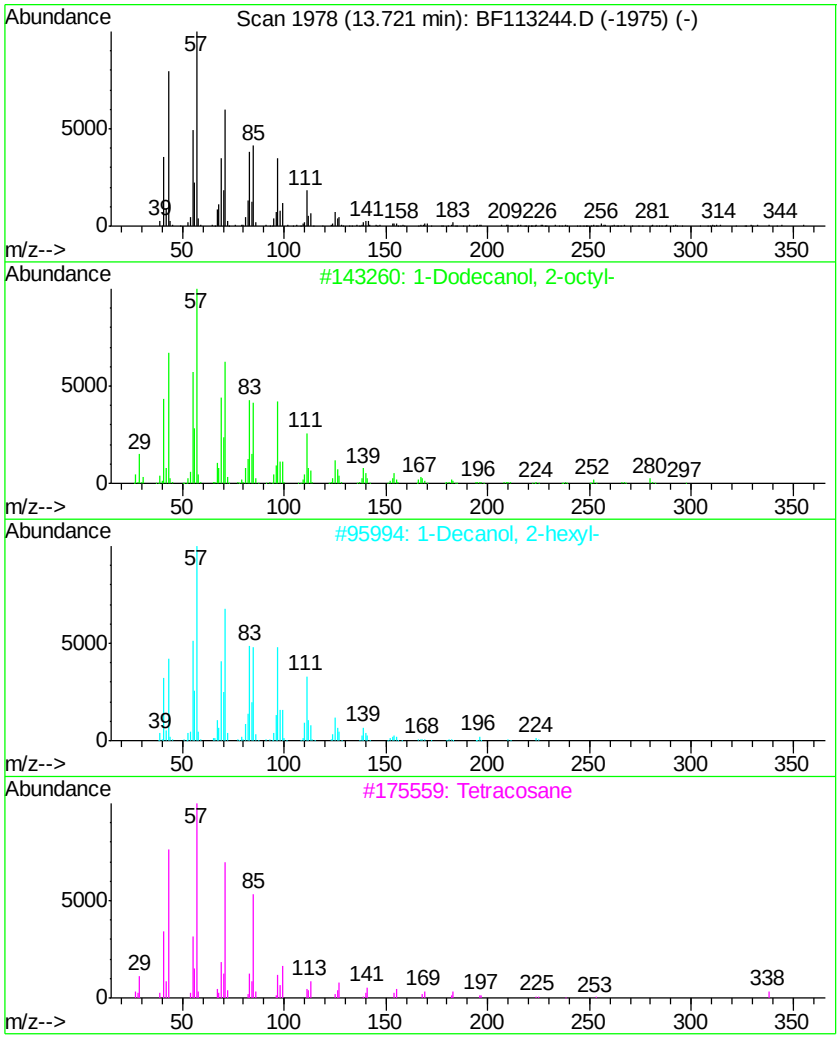
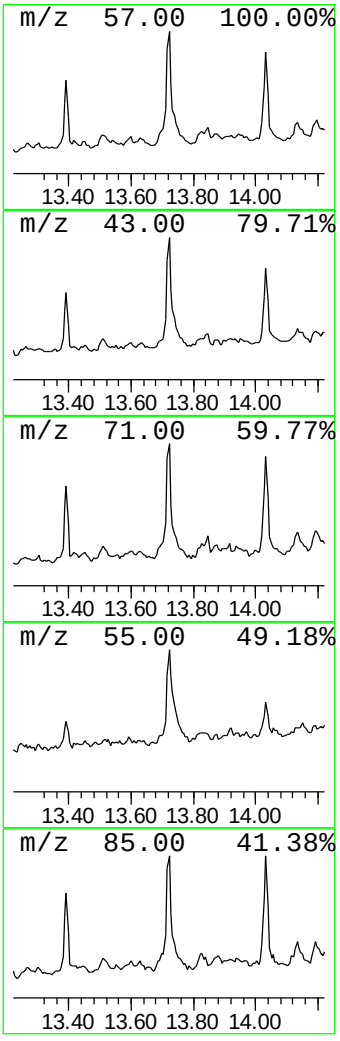
Peak Number 15 1-Dodecanol, 2-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	5.41 ng	479180	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
3	Tetracosane	338	C24H50	000646-31-1	89
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	76





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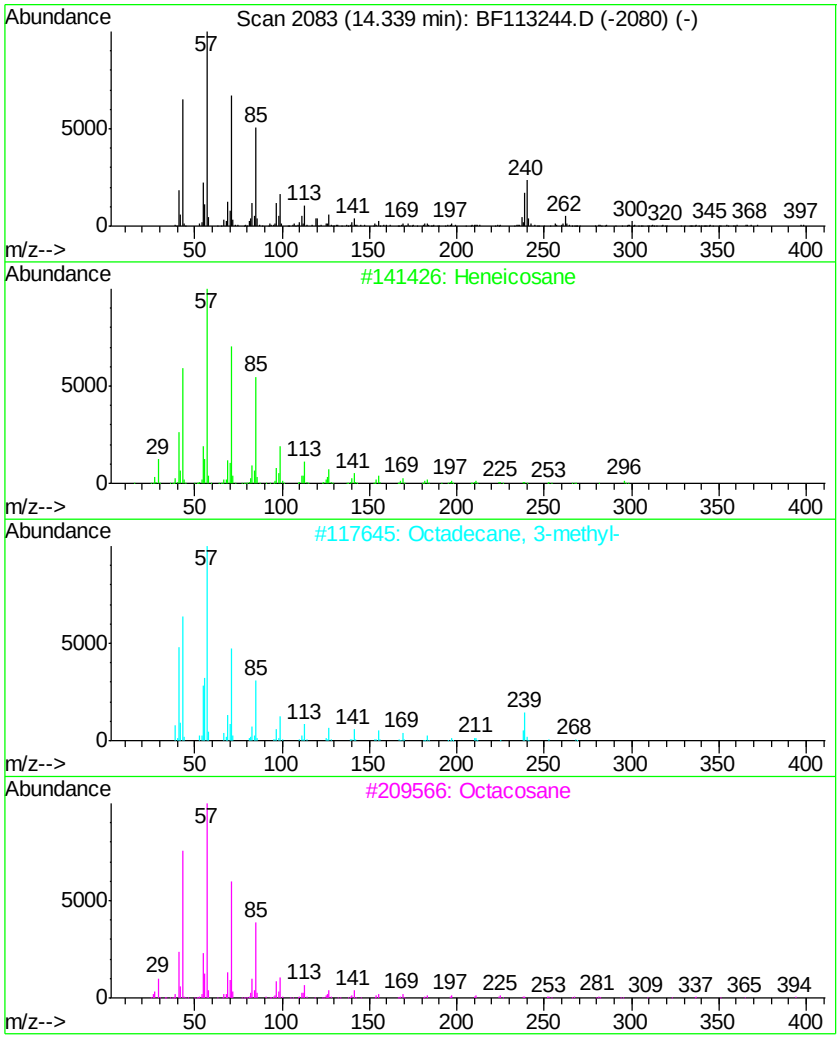
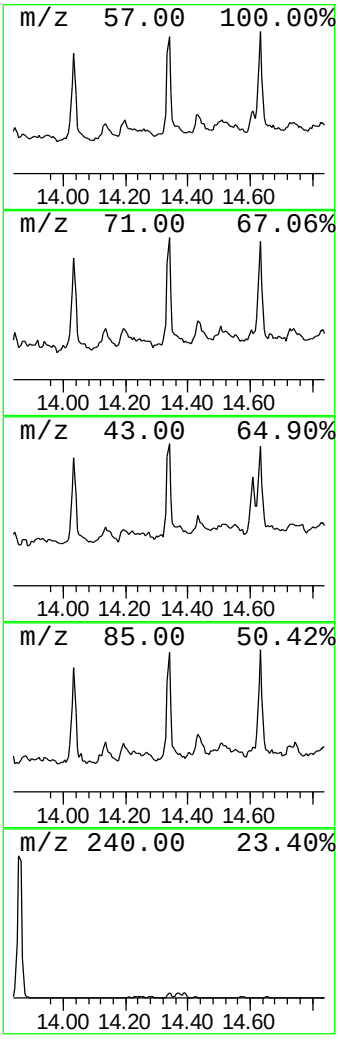
Peak Number 16 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	3.18 ng	281507	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	70
2	Octadecane, 3-methyl-	268	C19H40	006561-44-0	68
3	Octacosane	394	C28H58	000630-02-4	64
4	Hexacosane	366	C26H54	000630-01-3	58
5	Nonadecane	268	C19H40	000629-92-5	58





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TIC Integration Parameters: LSCINT.P

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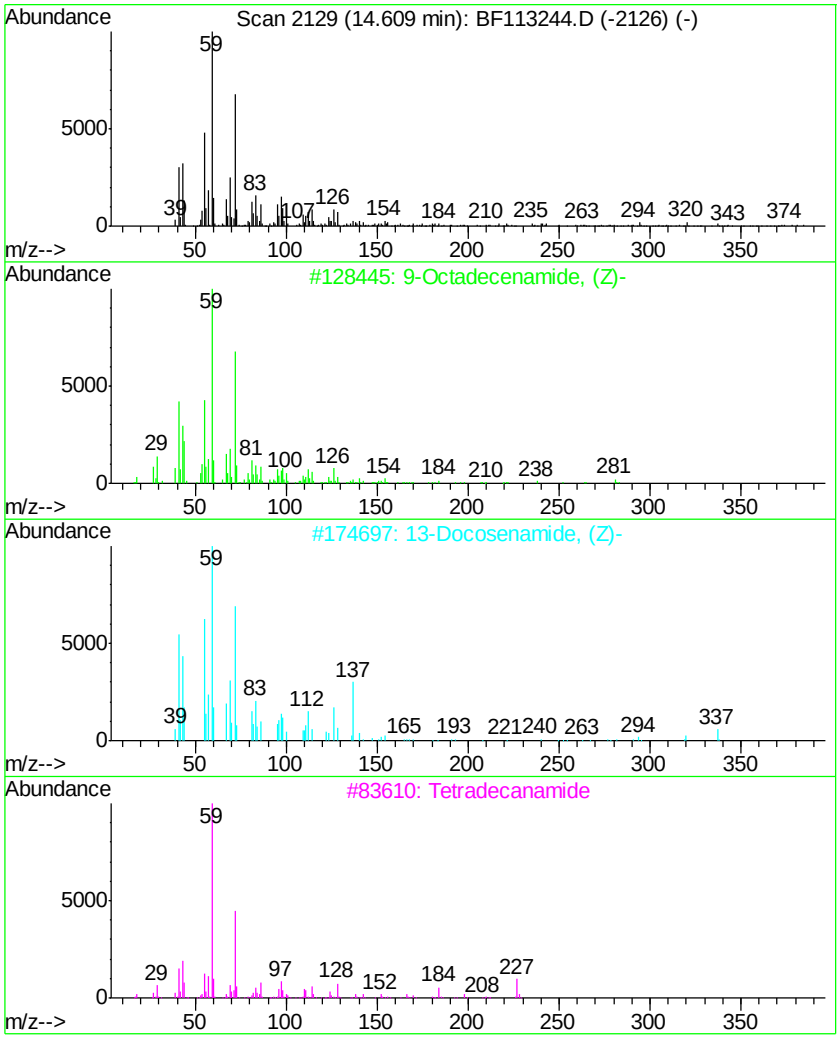
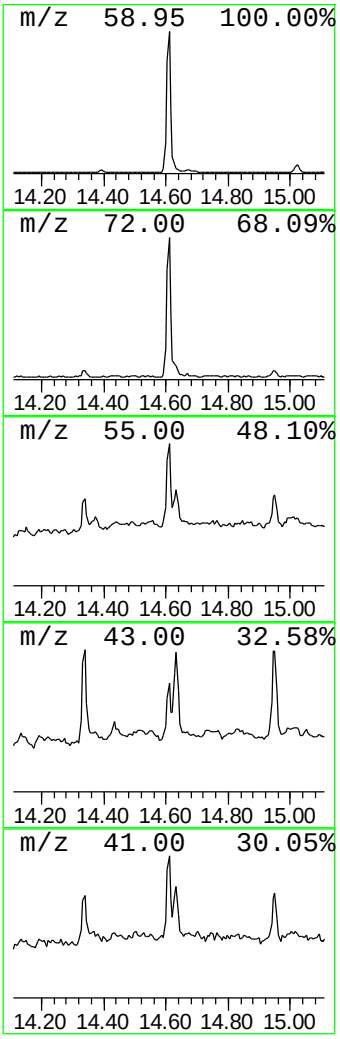
Peak Number 17 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	6.65 ng	361722	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	78
3	Tetradecanamide	227	C14H29NO	000638-58-4	72
4	Octadecanamide	283	C18H37NO	000124-26-5	64
5	Silane, octyl-	144	C8H20Si	000871-92-1	38





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RCA-09

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

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

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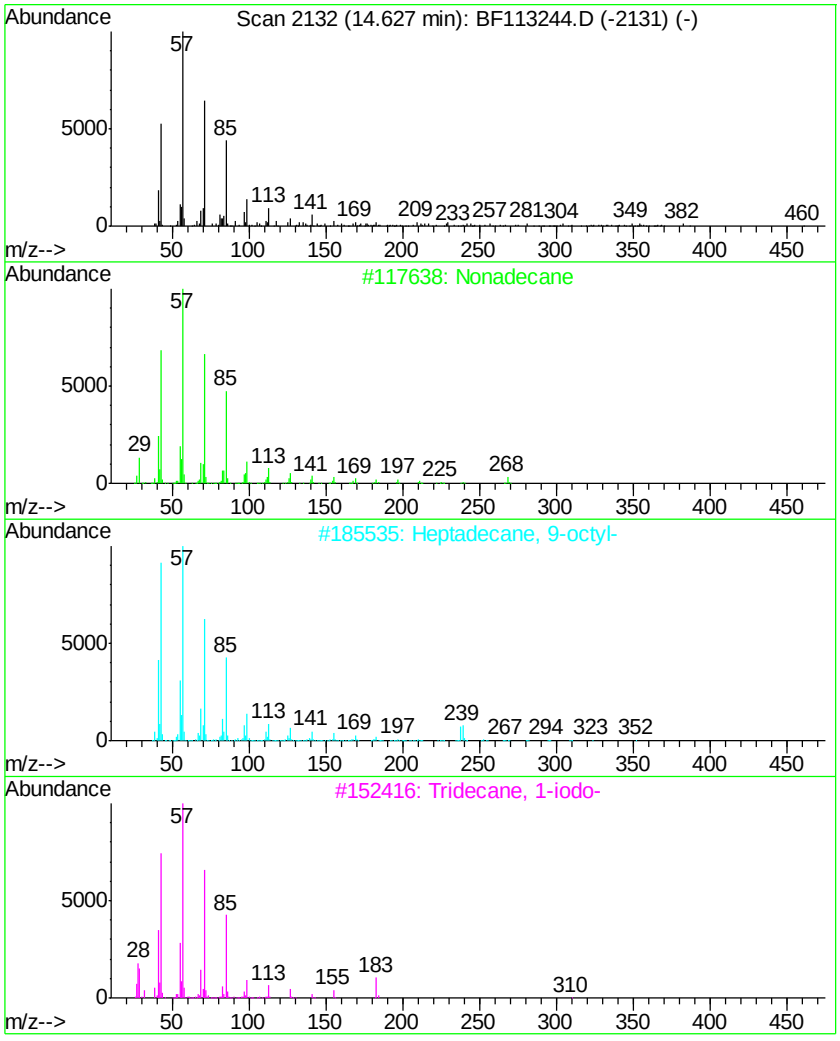
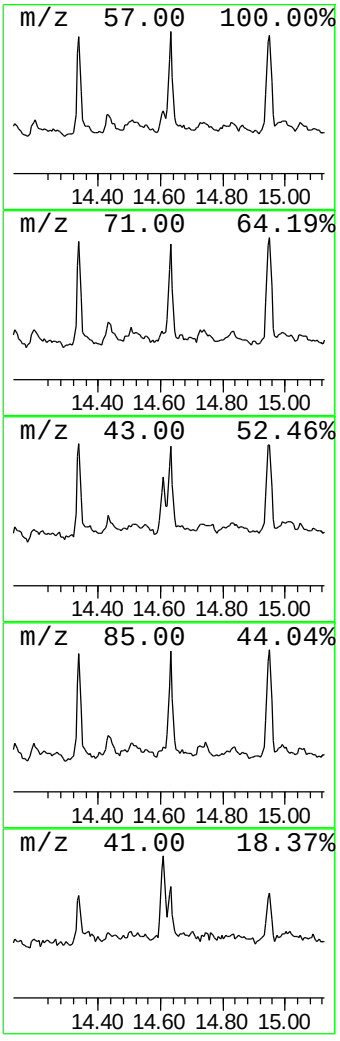
Peak Number 18 Nonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	3.54 ng	192611	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	86
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113244.D
Acq On : 22 Mar 2019 19:45
Operator : JU/SJ
Sample : K2024-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RCA-09

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

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

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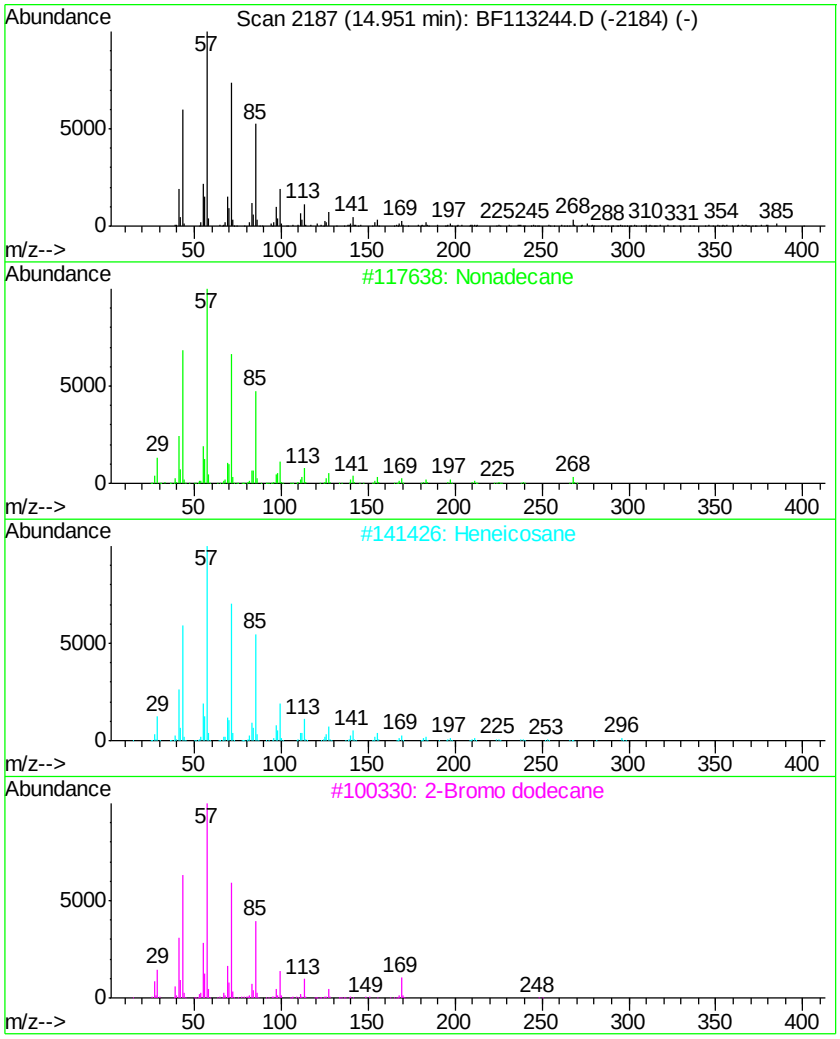
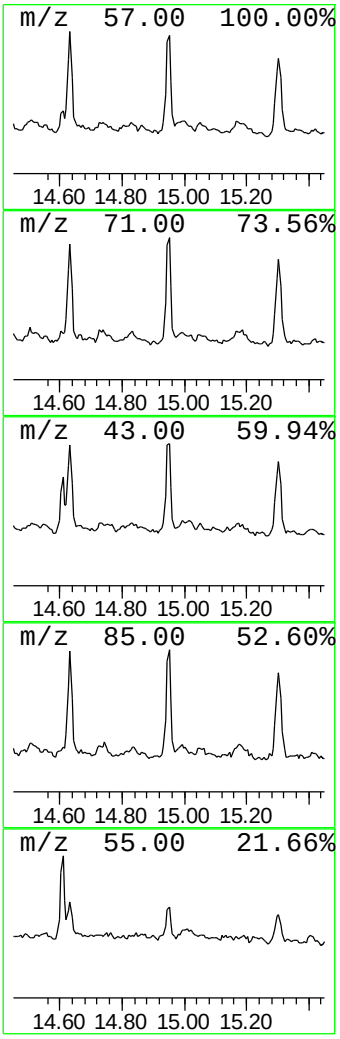
Peak Number 19 Nonadecane, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	4.38 ng	238465	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Heneicosane	296	C21H44	000629-94-7	95
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	87
5	Octadecane	254	C18H38	000593-45-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113244.D
Acq On : 22 Mar 2019 19:45
Operator : JU/SJ
Sample : K2024-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RCA-09

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

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

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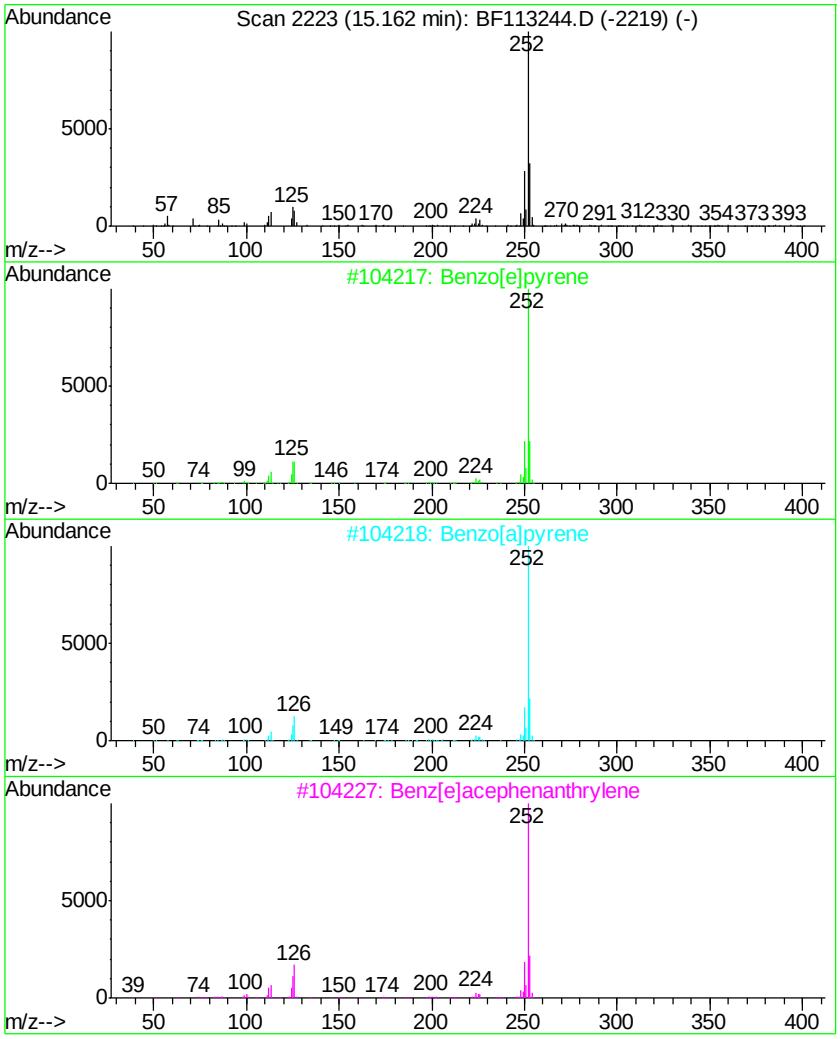
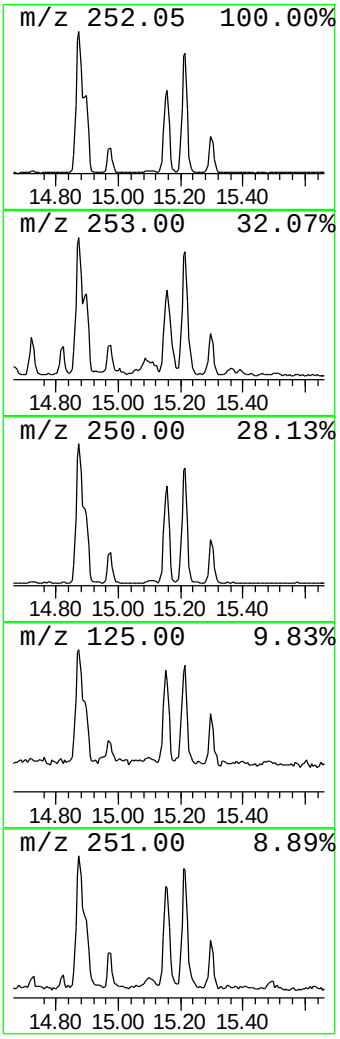
Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	6.71 ng	365525	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113244.D
Acq On : 22 Mar 2019 19:45
Operator : JU/SJ
Sample : K2024-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RCA-09

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.89	4.8	ng	234202	1	6.72	984105	20.0
unknown6.49	6.49	51.9	ng	2554130	1	6.72	984105	20.0
Tetradecane	9.16	4.7	ng	340728	3	9.75	1447330	20.0
Tridecane	9.69	3.5	ng	250733	3	9.75	1447330	20.0
Bacchotricuneatin c	10.19	3.2	ng	229498	3	9.75	1447330	20.0
2-Bromo dodecane	10.41	3.4	ng	246331	3	9.75	1447330	20.0
Octane, 2,6-dimet...	10.67	6.5	ng	373227	4	11.23	1149950	20.0
2-Propanol, 1-chl...	11.10	17.6	ng	1014080	4	11.23	1149950	20.0
Octacosane	11.14	4.6	ng	264781	4	11.23	1149950	20.0
Bis(1-chloro-2-pr...	11.16	3.8	ng	216625	4	11.23	1149950	20.0
n-Hexadecanoic acid	11.76	5.8	ng	335375	4	11.23	1149950	20.0
4H-Cyclopenta[def...	11.84	4.1	ng	236566	4	11.23	1149950	20.0
Eicosane	12.32	2.9	ng	167898	4	11.23	1149950	20.0
1-Dodecanol, 2-oc...	13.72	5.4	ng	479180	5	13.86	1773030	20.0
Heneicosane	14.34	3.2	ng	281507	5	13.86	1773030	20.0
9-Octadecenamide,...	14.61	6.7	ng	361722	6	15.27	1088690	20.0
Nonadecane	14.63	3.5	ng	192611	6	15.27	1088690	20.0
Nonadecane, 2-met...	14.95	4.4	ng	238465	6	15.27	1088690	20.0
Benzo[e]pyrene	15.16	6.7	ng	365525	6	15.27	1088690	20.0