LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115343.D
Acq On : 1 Jul 2019 17:27
Operator : HP/JU
Sample : K3158-09 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-062819

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-BF062119.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	5.189	549	553	563	rVB	2499604	2398100	15.27%	1.128%
2	6.236	727	731	734	rBV	2812783	2464397	15.69%	1.159%
3	6.366	747	753	756	rBV	3156218	2714264	17.28%	1.277%
4	6.601	789	793	796	rBV	1897421	1563878	9.96%	0.736%
5	6.754	813	819	823	rBV	2633030	2277647	14.50%	1.071%
6	7.160	880	888	892	rBV	1987314	1891795	12.04%	0.890%
7	7.413	927	931	936	rVB3	472115	552659	3.52%	0.260%
8	7.525	944	950	952	rBV4	327198	460852	2.93%	0.217%
9	7.883	1007	1011	1017	rBV3	3078484	4085950	26.01%	1.922%
10	8.189	1058	1063	1065	rBV4	486269	641089	4.08%	0.302%
11	8.283	1075	1079	1083	rVB5	430714	503924	3.21%	0.237%
12	8.330	1083	1087	1094	rBV4	952523	1248160	7.95%	0.587%
13	8.495	1112	1115	1120	rVV	1669529	1805831	11.50%	0.849%
14	8.542	1121	1123	1126	rVV3	406884	488180	3.11%	0.230%
15	8.595	1128	1132	1135	rVB	1247931	1345446	8.56%	0.633%
16	8.689	1145	1148	1150	rVV	909721	890756	5.67%	0.419%
17	8.777	1159	1163	1165	rVV3	388632	476556	3.03%	0.224%
18	8.925	1186	1188	1190	rVV2	1039640	765541	4.87%	0.360%
19	8.960	1190	1194	1197	rVV	3626235	3000810	19.10%	1.412%
20	9.060	1207	1211	1215	rVV	2119354	1936236	12.33%	0.911%
21	9.107	1216	1219	1222	rVV2	582363	682291	4.34%	0.321%
22	9.213	1234	1237	1241	rBV	667616	999638	6.36%	0.470%
23	9.295	1245	1251	1253	rBV2	870884	1382259	8.80%	0.650%
24	9.319	1253	1255	1257	rVV	712653	551809	3.51%	0.260%
25	9.354	1258	1261	1263	rVV	352456	486736	3.10%	0.229%
26	9.377	1263	1265	1267	rVV	711152	623655	3.97%	0.293%
27	9.589	1297	1301	1303	rBV	1752896	1526463	9.72%	0.718%
28	9.630	1303	1308	1311	rVV2	2845353	3082177	19.62%	1.450%
29	9.660	1311	1313	1316	rVV	2565848	2227439	14.18%	1.048%
30	9.695	1316	1319	1323	rVV3	372059	504971	3.21%	0.238%
31	9.830	1336	1342	1347	rVV	2632822	3285971	20.92%	1.546%
32	9.872	1347	1349	1352	rVV	531115	511648	3.26%	0.241%
33	9.907	1352	1355	1359	rVV3	734610	705773	4.49%	0.332%
34	9.948	1359	1362	1364	rVV2	513073	592883	3.77%	0.279%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115343.D
Acq On : 1 Jul 2019 17:27
Operator : HP/JU
Sample : K3158-09 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-062819

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-BF062119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.972	1364	1366	1369	rVB3	469661	452233	2.88%	0.213%
36	10.083	1382	1385	1388	rVB	2010361	1493157	9.50%	0.702%
37	10.177	1397	1401	1403	rVV	4465629	4045206	25.75%	1.903%
38	10.307	1418	1423	1425	rVV2	973459	1226028	7.80%	0.577%
39	10.330	1425	1427	1429	rVV	1078755	821535	5.23%	0.386%
40	10.413	1438	1441	1445	rVB2	2745752	2871440	18.28%	1.351%
41	10.554	1462	1465	1471	rVB	2157901	2402312	15.29%	1.130%
42	10.719	1488	1493	1496	rBV2	808592	938238	5.97%	0.441%
43	10.748	1496	1498	1502	rVV2	657593	609481	3.88%	0.287%
44	10.801	1502	1507	1511	rVB3	884707	1082210	6.89%	0.509%
45	10.871	1517	1519	1525	rVB3	430486	579662	3.69%	0.273%
46	10.960	1531	1534	1537	rBV	467045	522094	3.32%	0.246%
47	11.001	1537	1541	1544	rVV	3728570	3238169	20.61%	1.523%
48	11.030	1544	1546	1552	rVB	922807	931030	5.93%	0.438%
49	11.148	1555	1566	1568	rBV2	8196838	15709358	100.00%	7.389%
50	11.189	1568	1573	1575	rVV	5207050	4901197	31.20%	2.305%
51	11.330	1595	1597	1601	rVV	2066981	1999587	12.73%	0.941%
52	11.371	1601	1604	1607	rVV3	775087	1023476	6.52%	0.481%
53	11.401	1607	1609	1611	rVV	541648	517585	3.29%	0.243%
54	11.430	1611	1614	1619	rVB4	1858408	2739637	17.44%	1.289%
55	11.524	1626	1630	1633	rVB	6610722	6475578	41.22%	3.046%
56	11.607	1638	1644	1646	rBV	2249374	2365182	15.06%	1.113%
57	11.636	1646	1649	1651	rBV	2200553	1851778	11.79%	0.871%
58	11.683	1651	1657	1660	rVB	4120829	5615886	35.75%	2.642%
59	11.718	1660	1663	1665	rBV	3450201	3239905	20.62%	1.524%
60	11.830	1680	1682	1686	rVB	1299357	1136692	7.24%	0.535%
61	11.901	1691	1694	1696	rBV	1487623	1229986	7.83%	0.579%
62	12.154	1733	1737	1740	rBV	663295	801375	5.10%	0.377%
63	12.224	1740	1749	1750	rBV2	8199294	15660464	99.69%	7.366%
64	12.318	1760	1765	1768	rBV2	7713366	11826725	75.28%	5.563%
65	12.377	1768	1775	1782	rVV3	3491564	6775200	43.13%	3.187%
66	12.460	1784	1789	1798	rVB	4758838	5838080	37.16%	2.746%
67	12.554	1798	1805	1809	rBV3	6295252	10299177	65.56%	4.845%
68	12.589	1809	1811	1817	rVB3	1248004	1355104	8.63%	0.637%
69	12.665	1821	1824	1826	rBV	872755	867425	5.52%	0.408%
70	12.689	1826	1828	1835	rVB	2913249	3022277	19.24%	1.422%
71	12.765	1835	1841	1843	rBV2	720722	1126656	7.17%	0.530%

LSC Area Percent Report

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Data File : BF115343.D
Acq On : 1 Jul 2019 17:27
Operator : HP/JU
Sample : K3158-09 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-062819

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-BF062119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.789	1843	1845	1851	rVB2	411446	583201	3.71%	0.274%
73	12.842	1851	1854	1856	rBV2	528225	589610	3.75%	0.277%
74	12.871	1856	1859	1861	rVB	2090511	1780644	11.33%	0.838%
75	12.936	1867	1870	1872	rBV2	2579719	2554893	16.26%	1.202%
76	12.971	1874	1876	1879	rVV2	1155022	1053329	6.71%	0.495%
77	13.030	1883	1886	1889	rBV2	755907	727182	4.63%	0.342%
78	13.089	1894	1896	1902	rBV2	568509	664713	4.23%	0.313%
79	13.183	1910	1912	1916	rVB4	481290	548322	3.49%	0.258%
80	13.283	1927	1929	1932	rVB	842938	699340	4.45%	0.329%
81	13.477	1959	1962	1964	rBV	806153	630885	4.02%	0.297%
82	13.507	1964	1967	1969	rVV	686819	576138	3.67%	0.271%
83	13.530	1969	1971	1977	rVB3	495340	714049	4.55%	0.336%
84	13.612	1982	1985	1989	rBV2	504890	575975	3.67%	0.271%
85	13.724	1997	2004	2007	rBV2	4134280	6584165	41.91%	3.097%
86	13.760	2007	2010	2017	rVB	3325572	3229826	20.56%	1.519%
87	13.830	2020	2022	2026	rVB	767077	655232	4.17%	0.308%
88	13.924	2034	2038	2040	rBV2	453640	645816	4.11%	0.304%
89	14.112	2068	2070	2073	rVB	557091	467599	2.98%	0.220%
90	14.230	2088	2090	2092	rVV2	700334	692765	4.41%	0.326%
91	14.254	2092	2094	2098	rVB2	567458	610000	3.88%	0.287%
92	14.524	2137	2140	2144	rBV2	722906	681049	4.34%	0.320%
93	14.724	2170	2174	2177	rBV	1805204	2824033	17.98%	1.328%
94	14.818	2187	2190	2195	rVB3	926808	1109053	7.06%	0.522%
95	14.989	2215	2219	2224	rVB	1052785	1165920	7.42%	0.548%
96	15.042	2224	2228	2234	rBV	1690328	2000457	12.73%	0.941%
97	15.095	2234	2237	2240	rBV	1021700	1123694	7.15%	0.529%
98	15.159	2245	2248	2257	rVB2	715601	1032169	6.57%	0.486%
99	15.542	2309	2313	2317	rBV	573780	776116	4.94%	0.365%
100	16.371	2450	2454	2463	rVB2	586234	1032168	6.57%	0.486%

Sum of corrected areas: 212595252

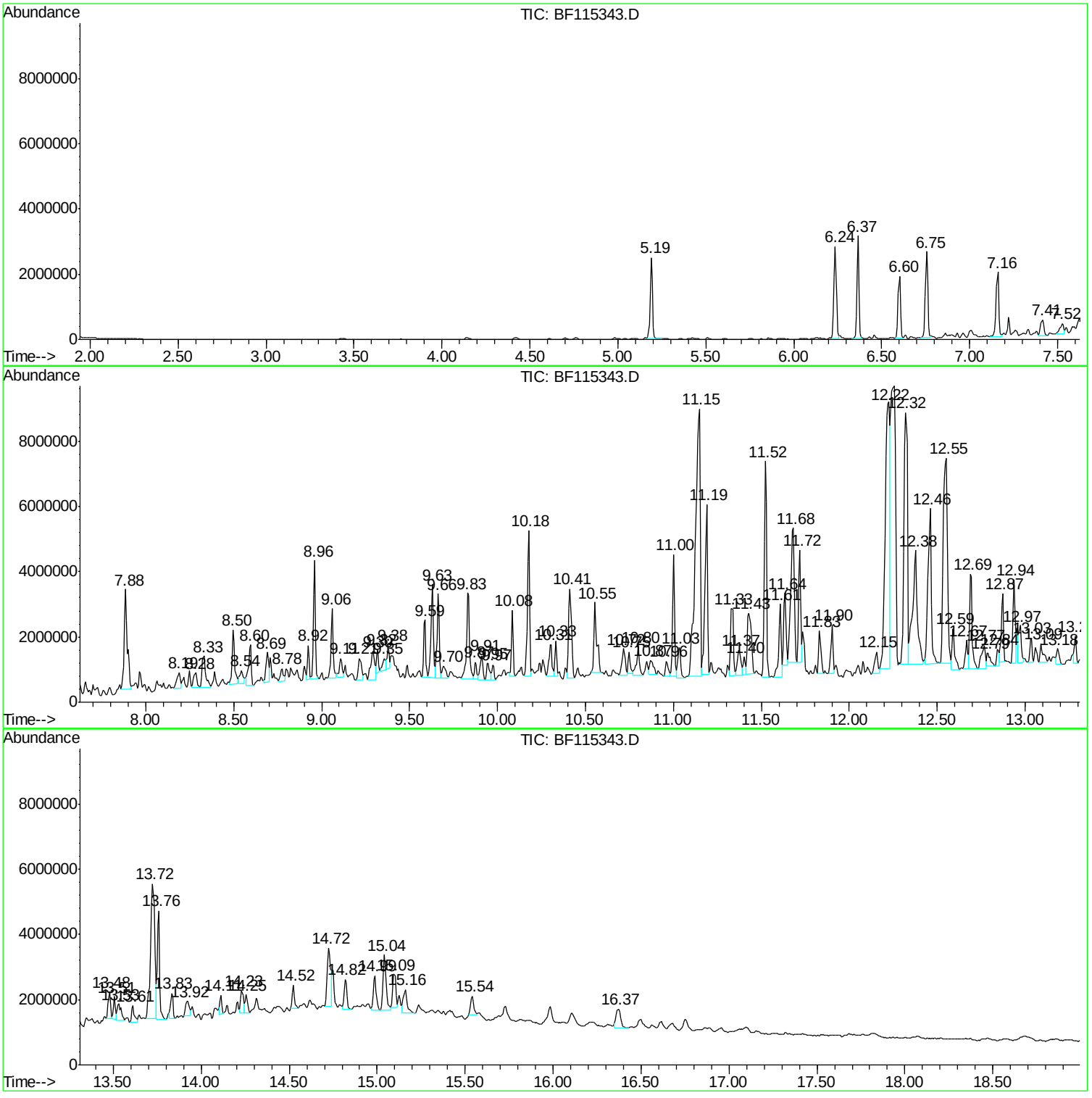
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115343.D
Acq On : 1 Jul 2019 17:27
Operator : HP/JU
Sample : K3158-09 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-062819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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\BF070119\
Data File : BF115343.D
Acq On : 1 Jul 2019 17:27
Operator : HP/JU
Sample : K3158-09 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-062819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

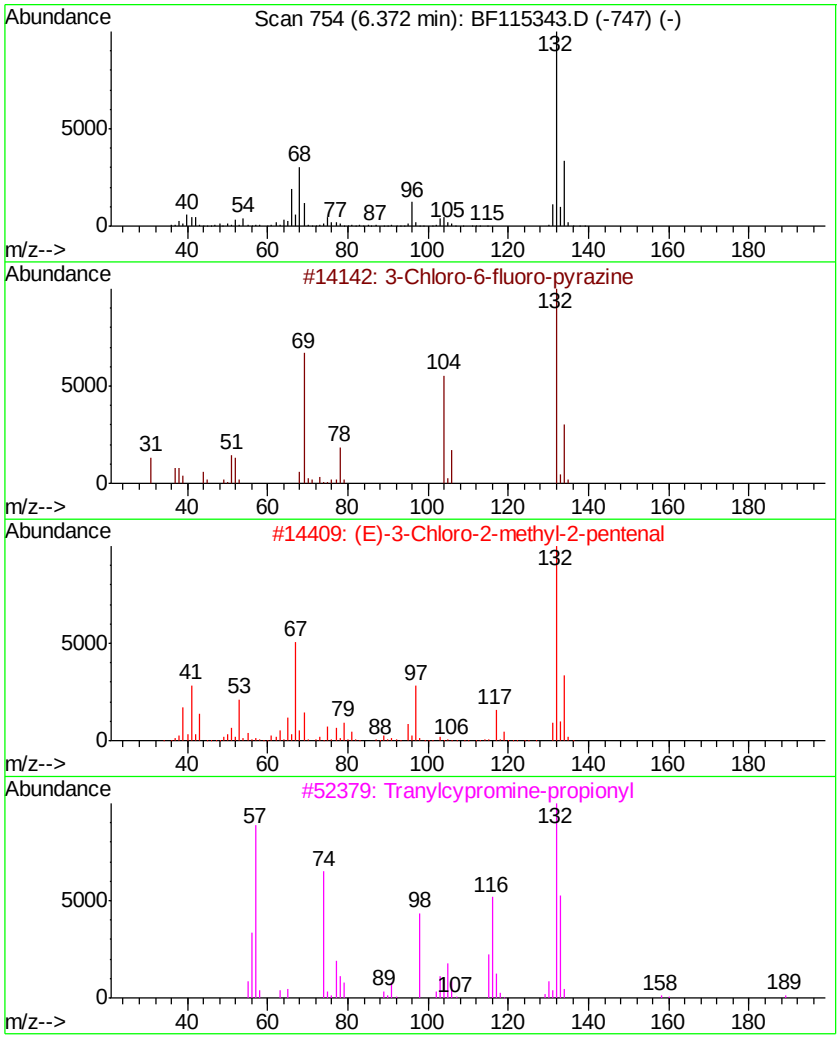
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

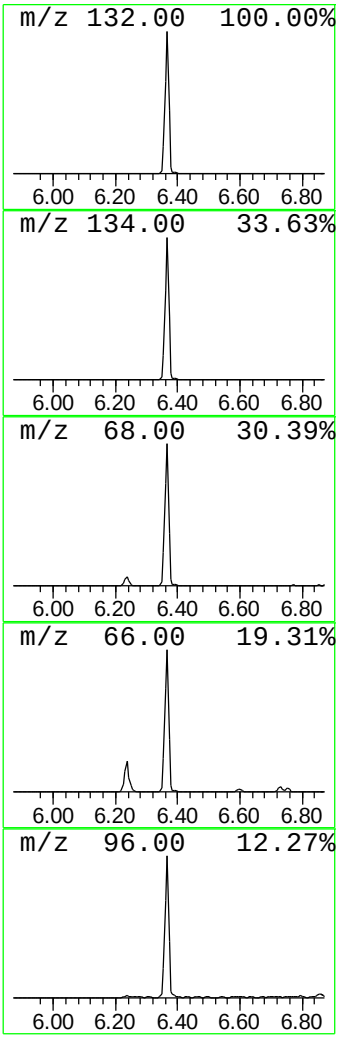
****

Peak Number 1 unknown6.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	34.71 ng	2714260	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	Xenon	132	Xe	007440-63-3	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115343.D
Acq On : 1 Jul 2019 17:27
Operator : HP/JU
Sample : K3158-09 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-062819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

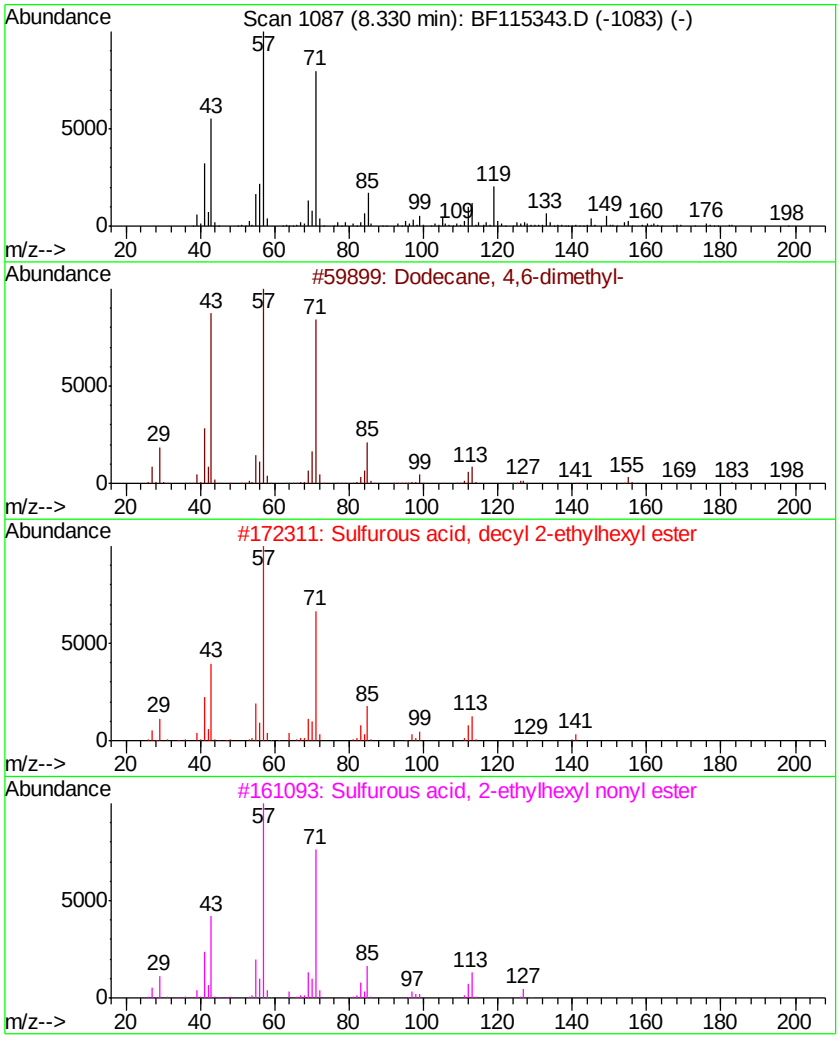
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

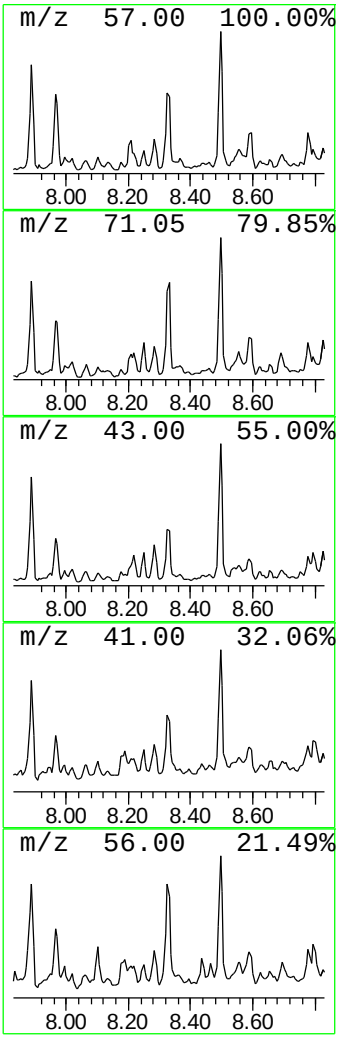
****

Peak Number 3 Dodecane, 4,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	6.11 ng	1248160	Naphthalene-d8	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	86
2	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	58
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	58
4	Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	58
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115343.D
Acq On : 1 Jul 2019 17:27
Operator : HP/JU
Sample : K3158-09 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-062819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

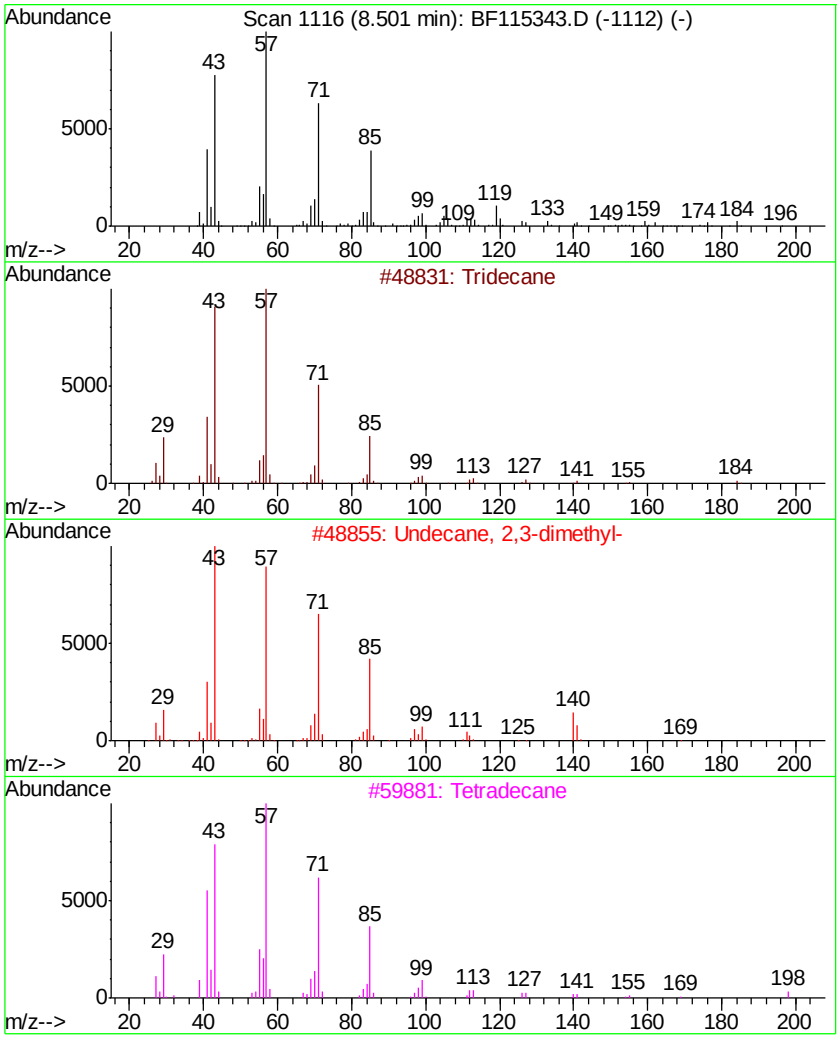
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

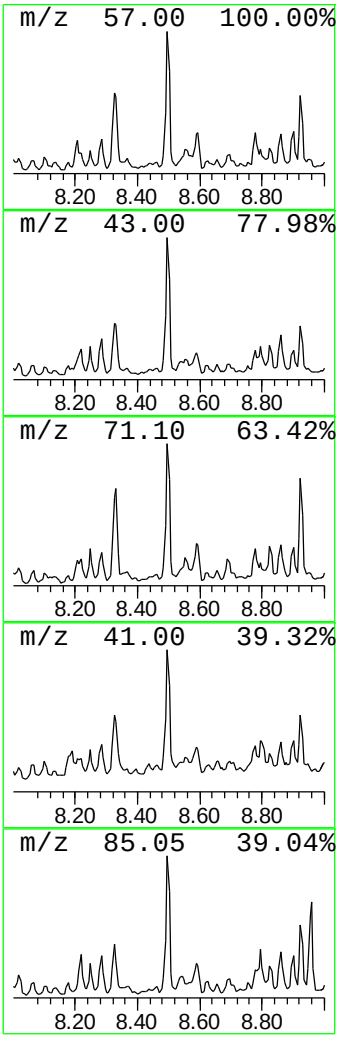
****

Peak Number 4 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	8.84 ng	1805830	Naphthalene-d8	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Hexadecane	226	C16H34	000544-76-3	87
5	Heptadecane	240	C17H36	000629-78-7	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115343.D
Acq On : 1 Jul 2019 17:27
Operator : HP/JU
Sample : K3158-09 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-062819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

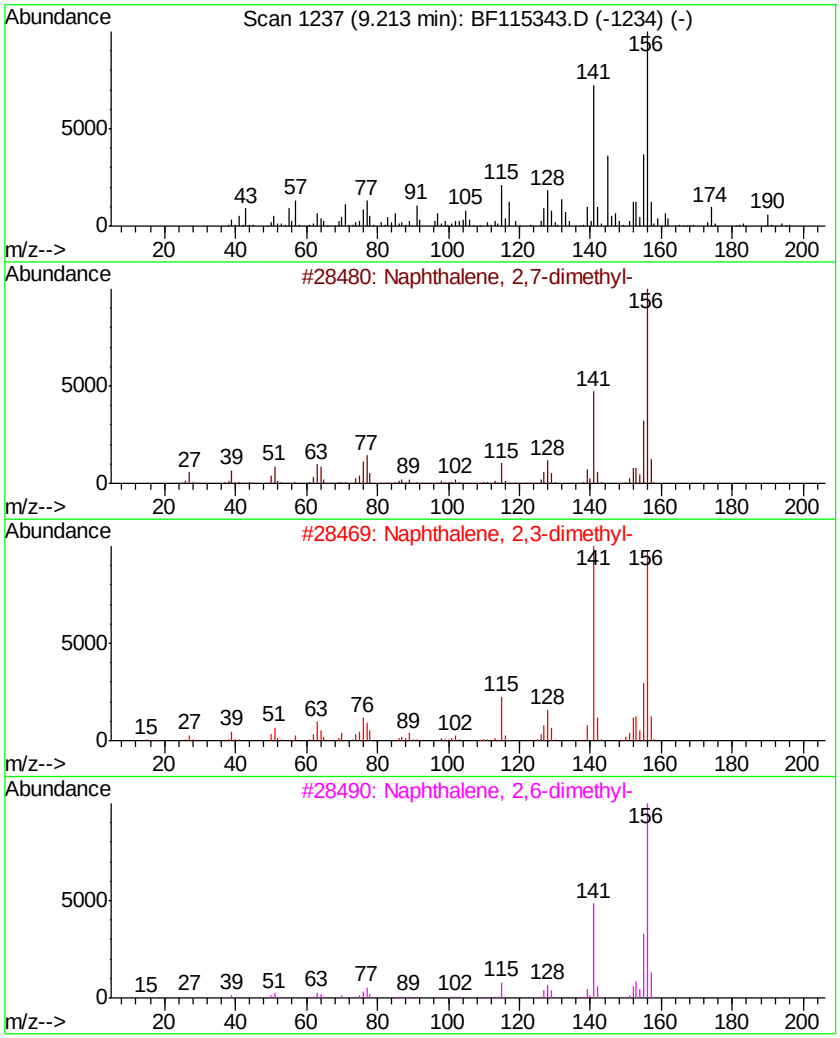
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

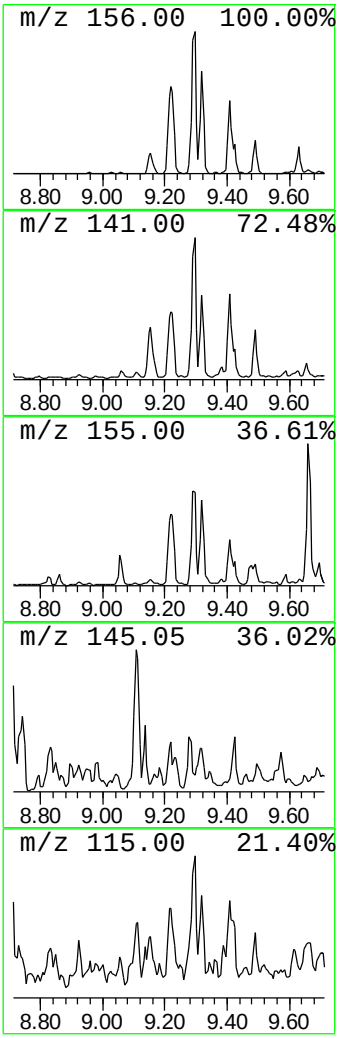
****

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	6.49 ng	999638	Acenaphthene-d10	9.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115343.D
Acq On : 1 Jul 2019 17:27
Operator : HP/JU
Sample : K3158-09 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-062819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

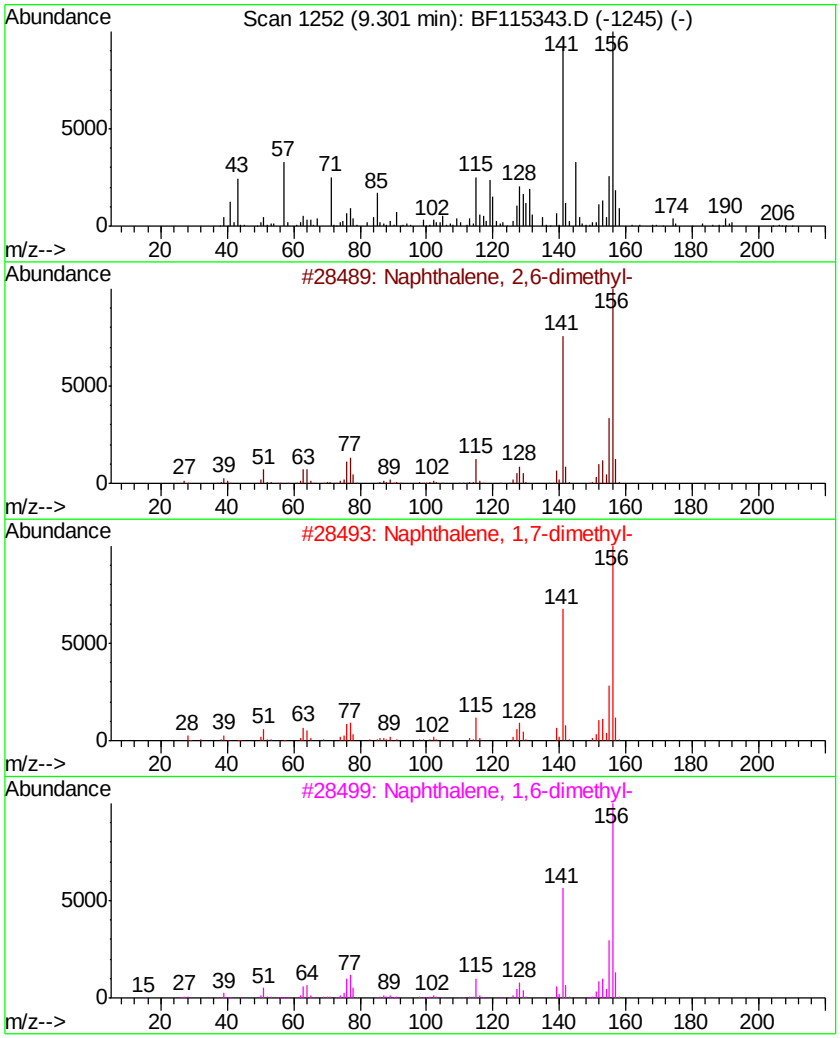
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

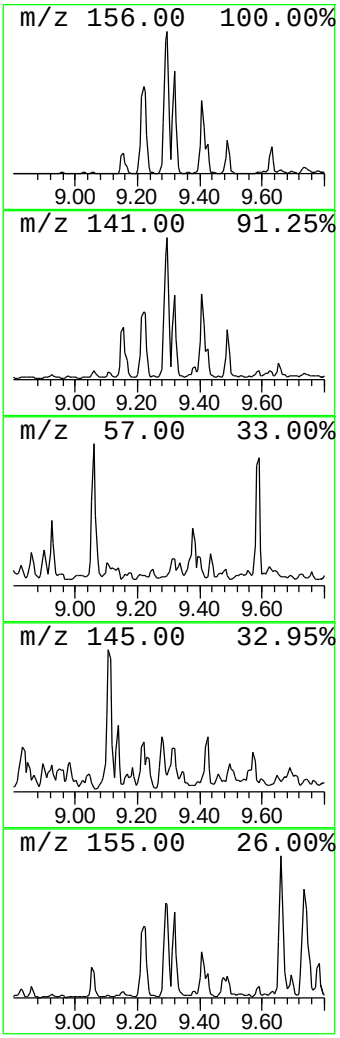
****

Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	8.97 ng	1382260	Acenaphthene-d10	9.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	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, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Library Search Compound Report

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Operator : HP/JU
Sample : K3158-09 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-062819

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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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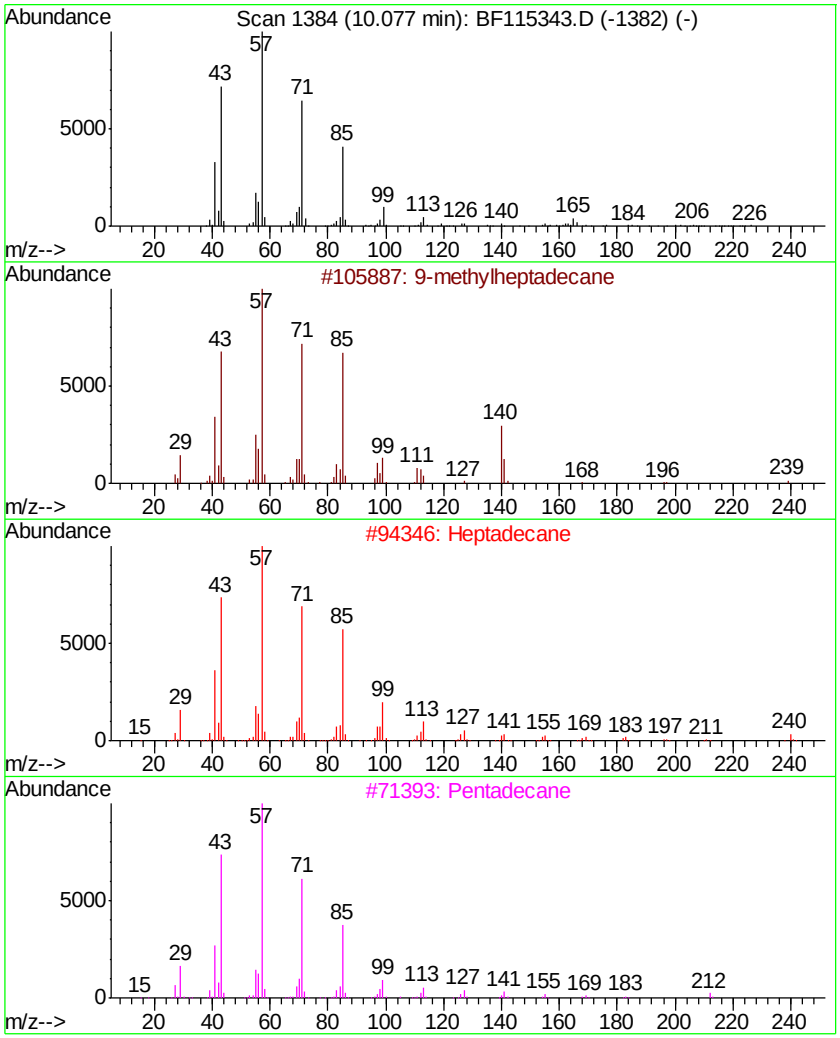
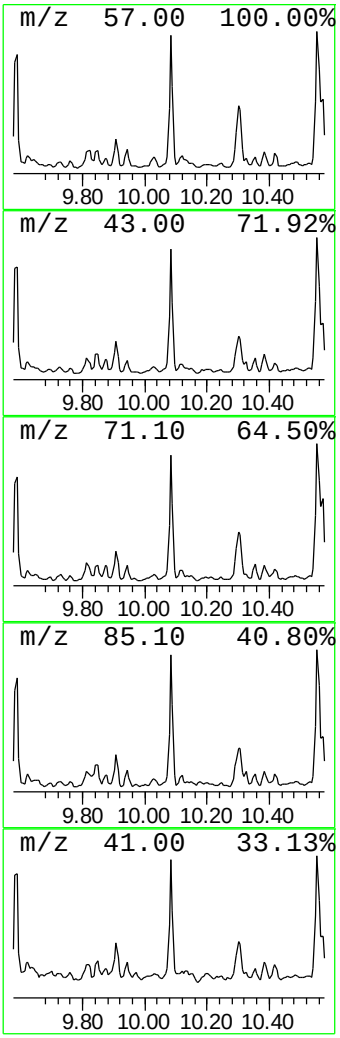
Peak Number 7 9-methylheptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	9.69 ng	1493160	Acenaphthene-d10	9.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-methylheptadecane	254	C18H38	026741-18-4	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
5	Nonadecane	268	C19H40	000629-92-5	86





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ClientSampleId : OK-01-062819

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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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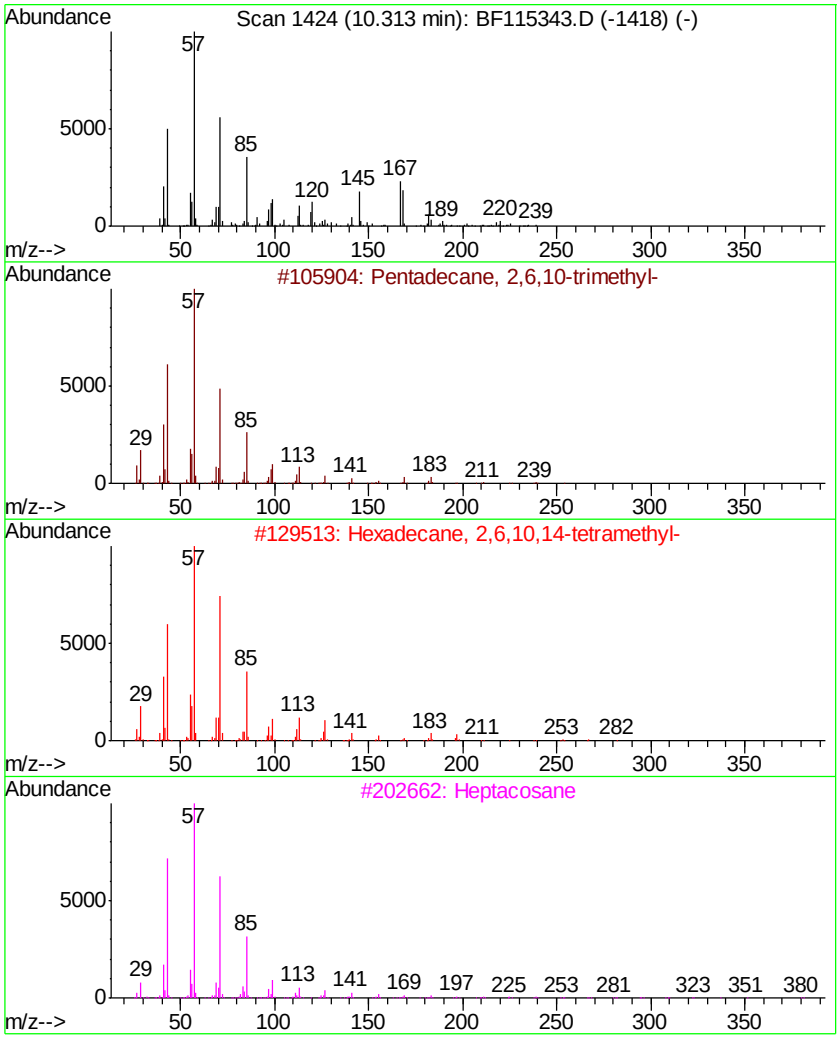
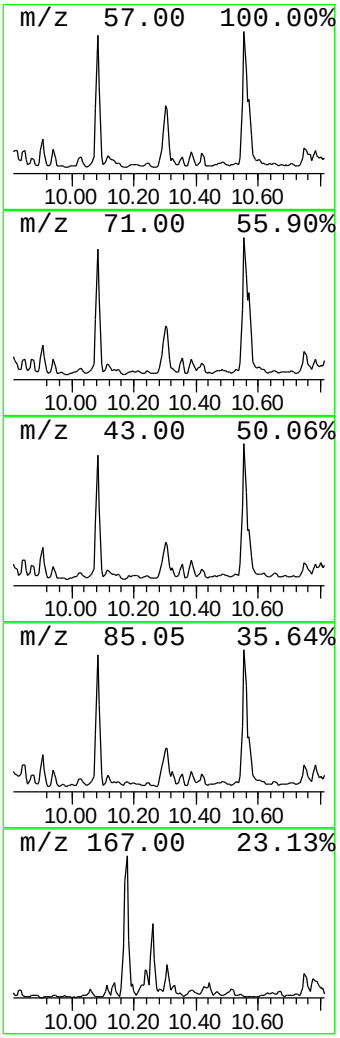
Peak Number 8 Pentadecane, 2,6,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	7.96 ng	1226030	Acenaphthene-d10	9.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	58
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53
3	Heptacosane	380	C27H56	000593-49-7	52
4	Tetracosane	338	C24H50	000646-31-1	52
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	52





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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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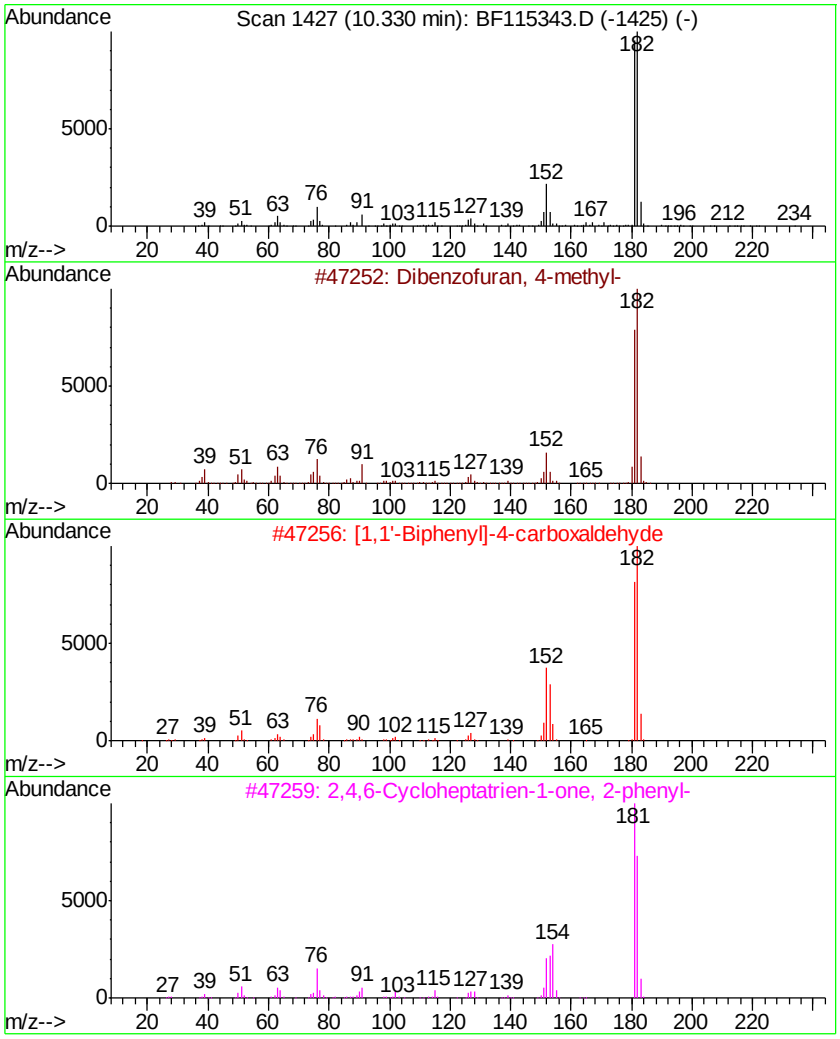
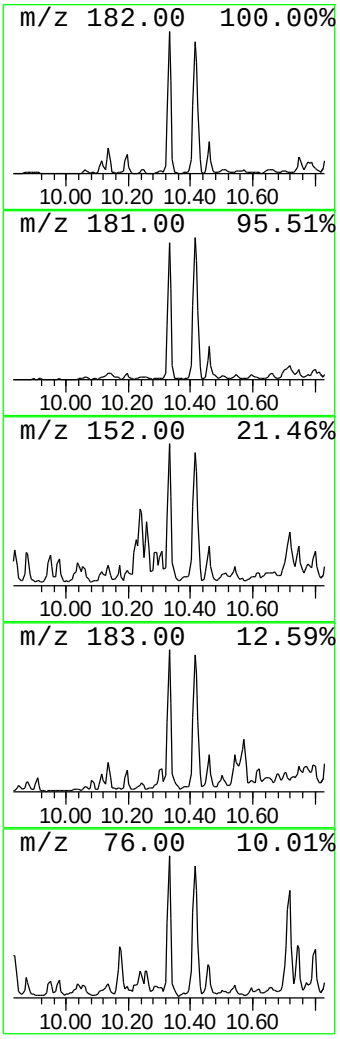
Peak Number 9 Dibenzofuran, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	5.33 ng	821535	Acenaphthene-d10	9.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	2-Fluorenamine	181	C13H11N	000153-78-6	60





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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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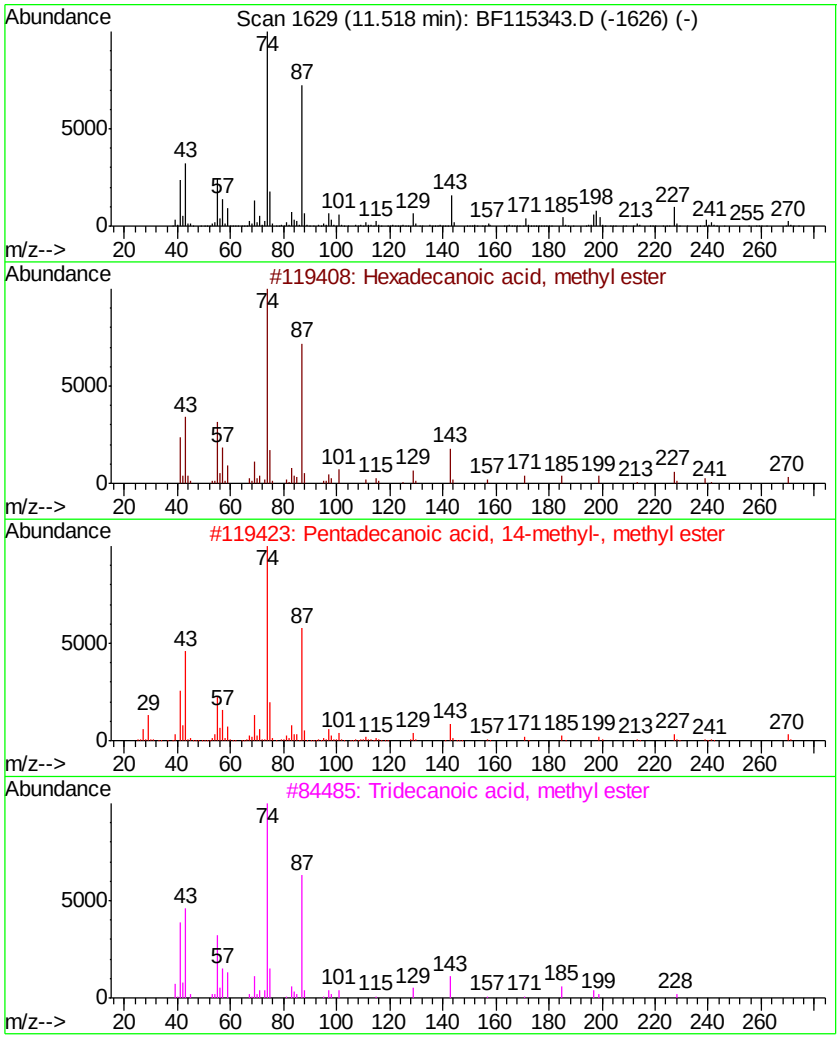
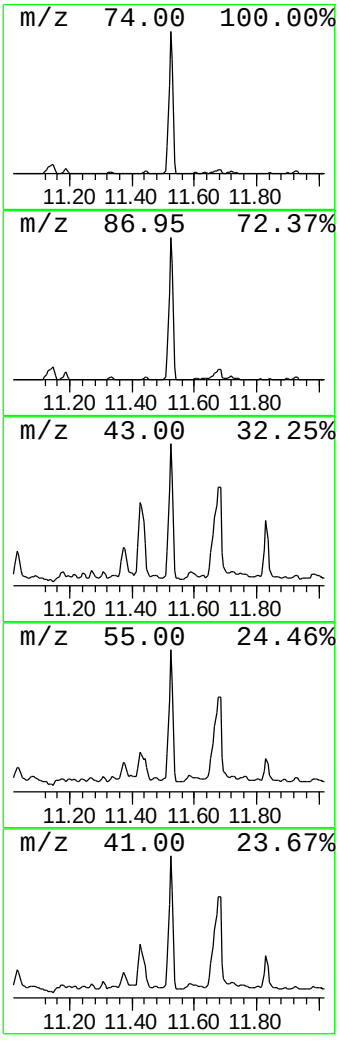
Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	8.24 ng	6475580	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	83





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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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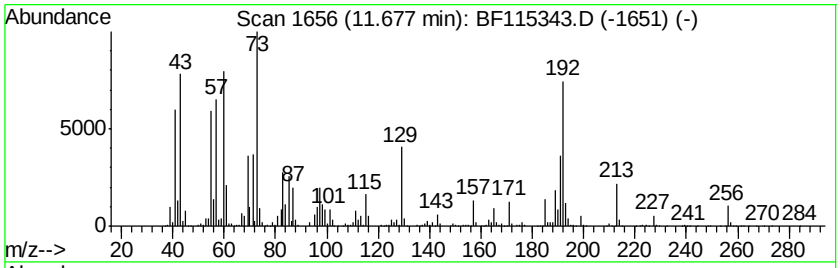
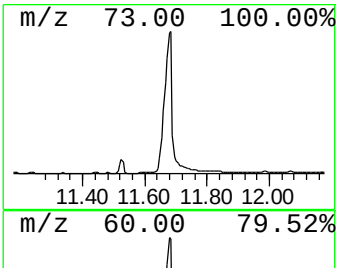
Peak Number 11 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	7.15 ng	5615890	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





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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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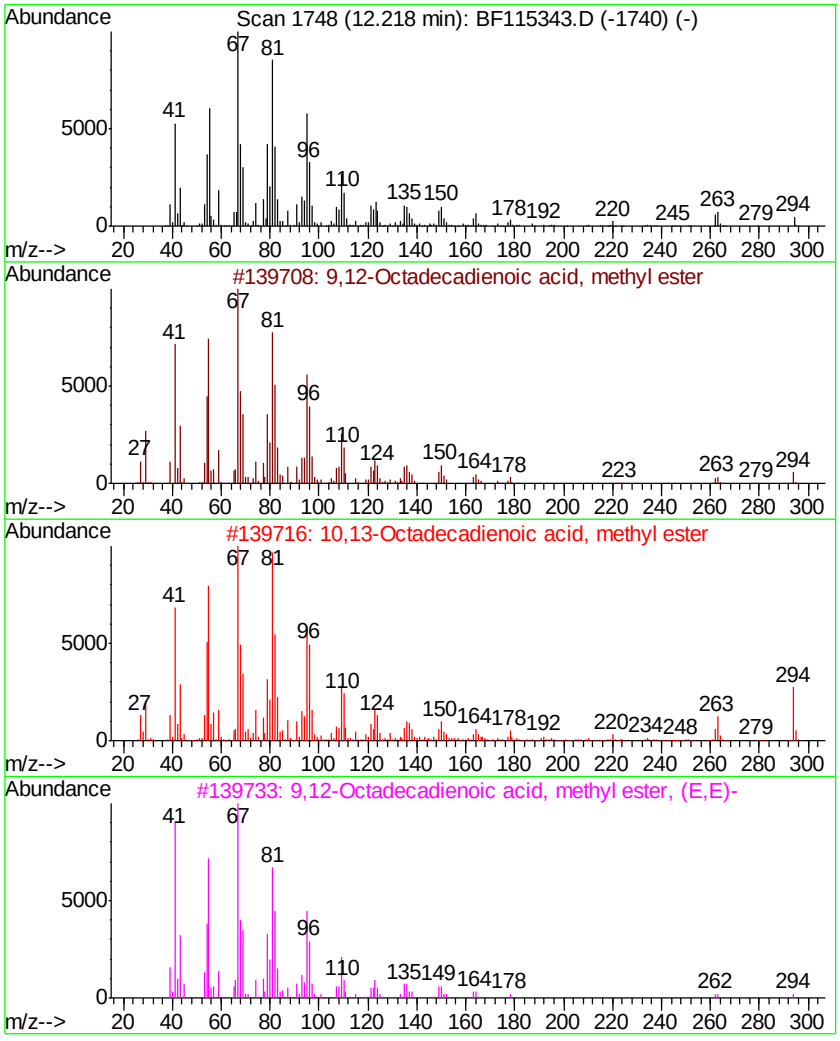
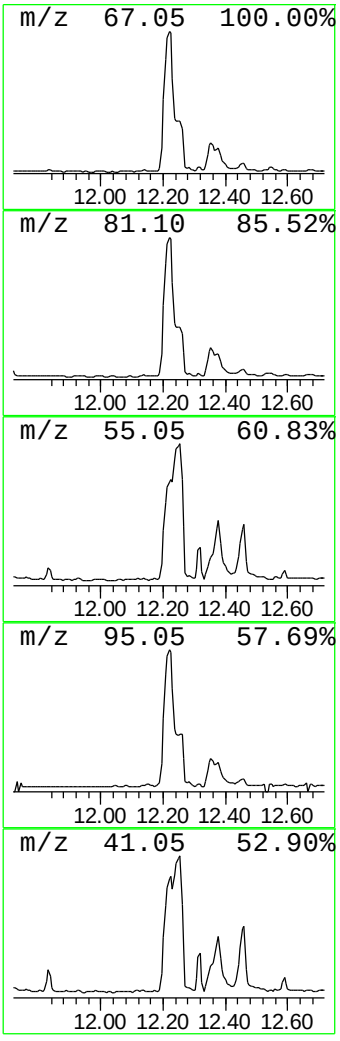
Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	19.94 ng	15660500	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99





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Misc :
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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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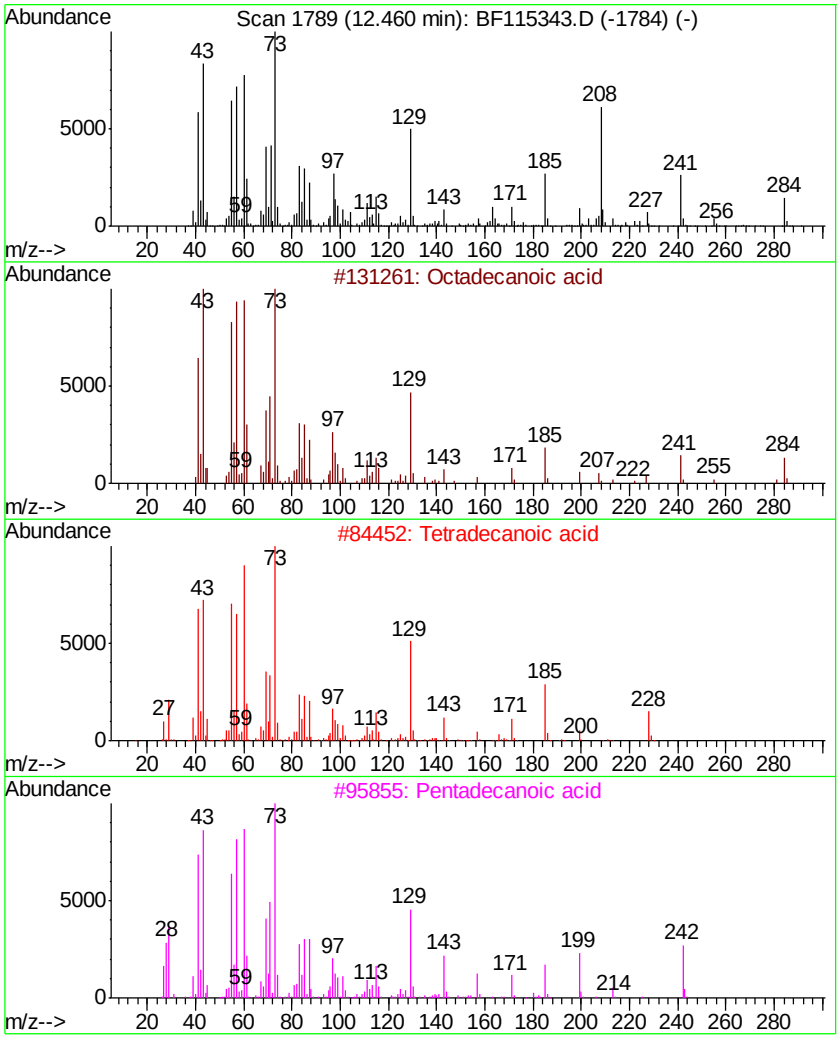
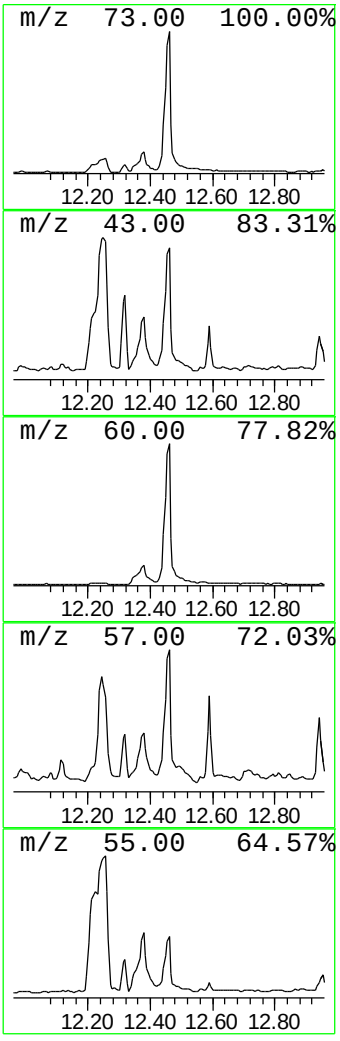
Peak Number 13 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	17.73 ng	5838080	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	n-Decanoic acid	172	C10H20O2	000334-48-5	55
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52





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TIC Integration Parameters: LSCINT.P

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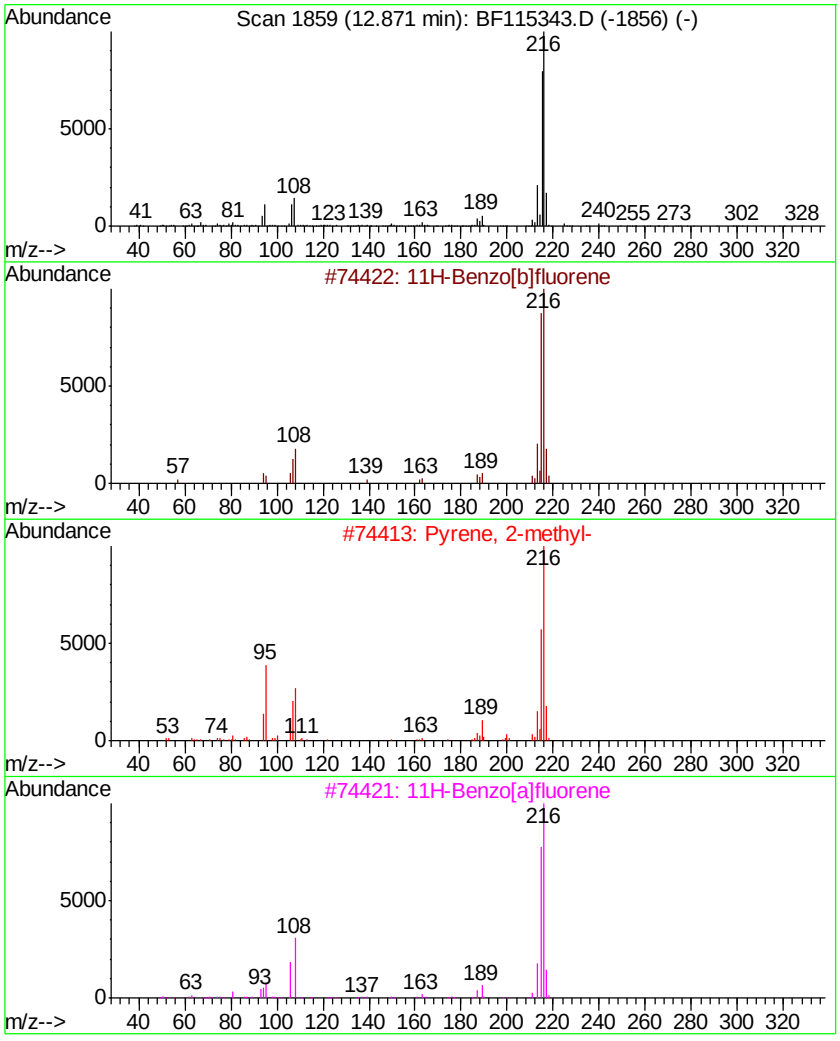
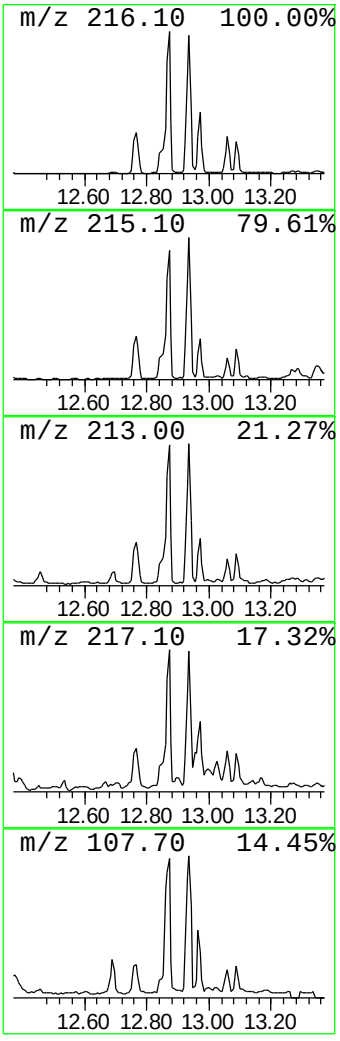
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	5.41 ng	1780640	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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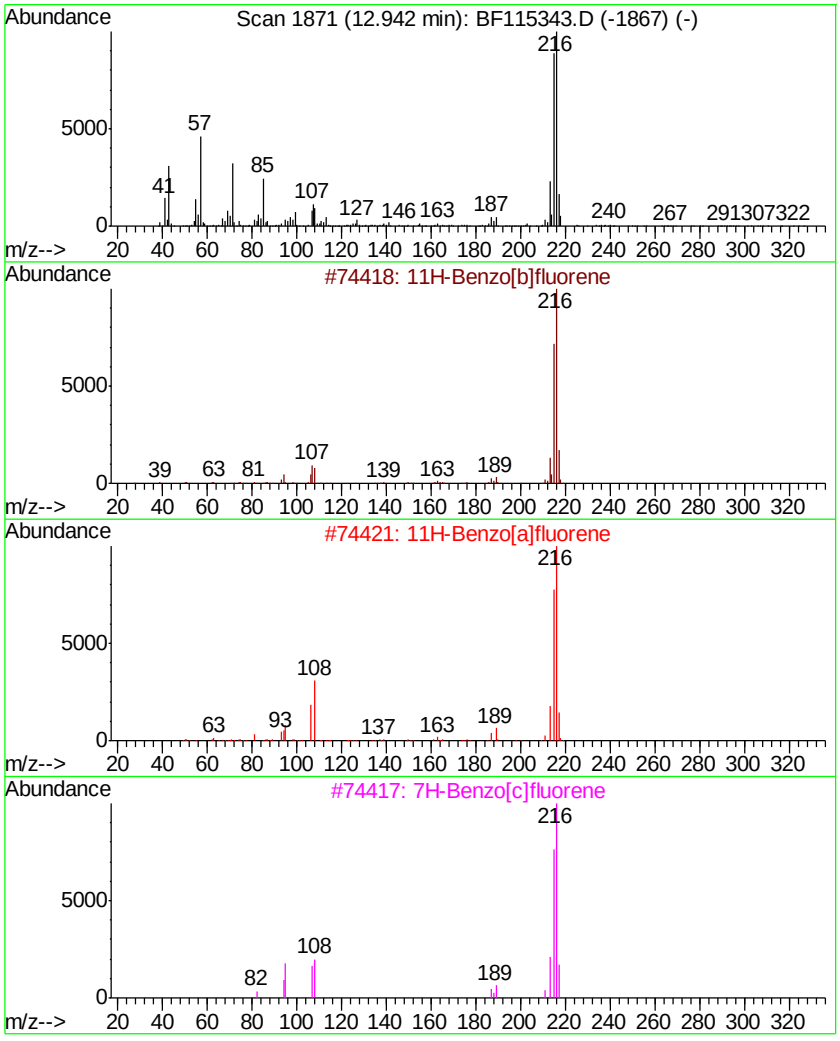
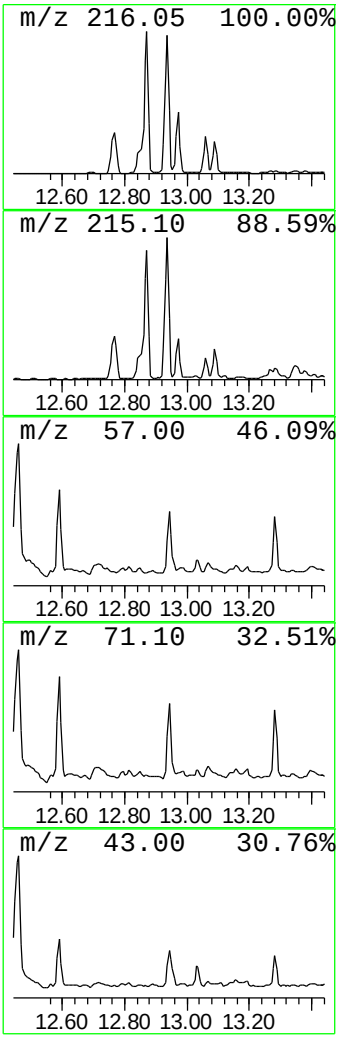
Peak Number 15 7H-Benzo[c]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	7.76 ng	2554890	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70





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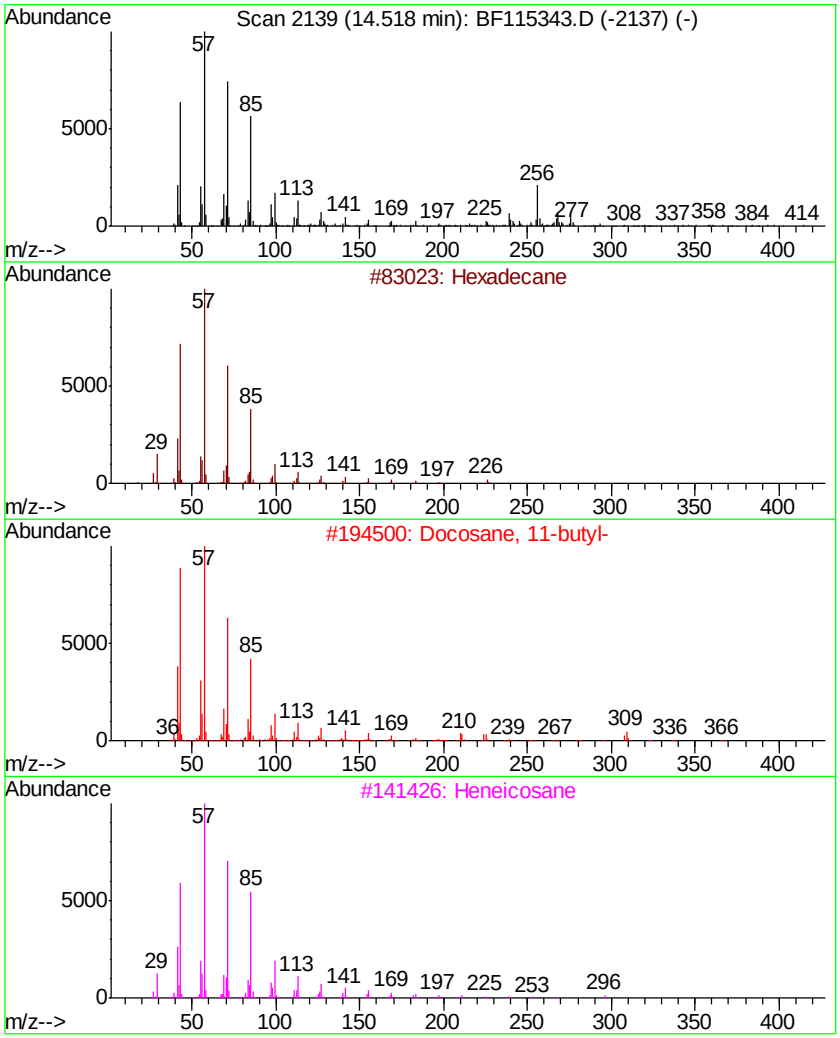
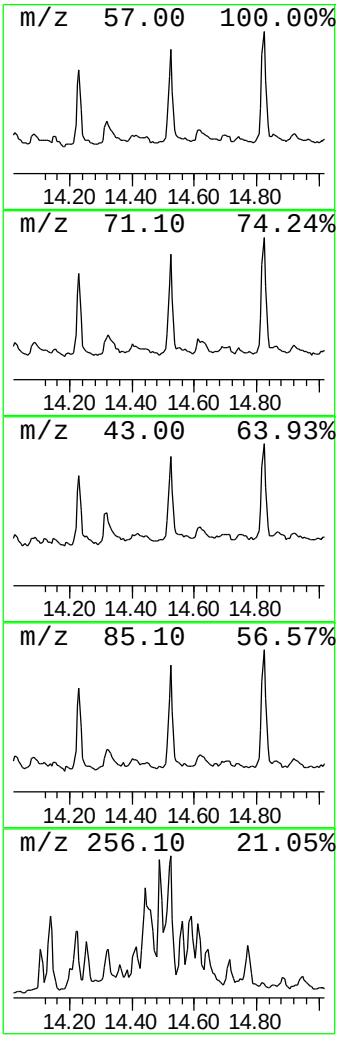
Peak Number 16 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	12.12 ng	681049	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	89
3	Heneicosane	296	C21H44	000629-94-7	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Hexacosane	366	C26H54	000630-01-3	87





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TIC Integration Parameters: LSCINT.P

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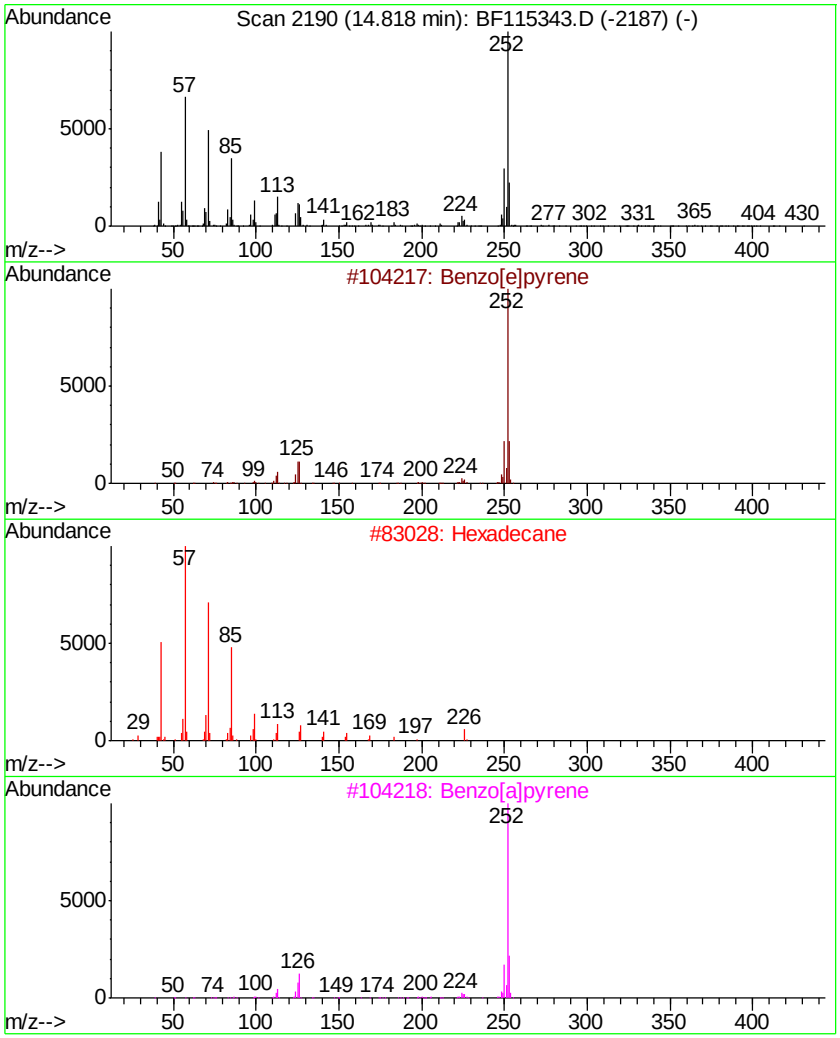
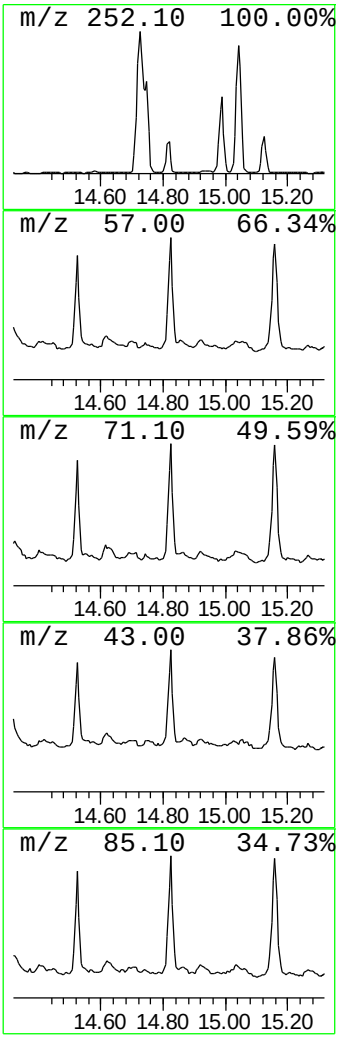
Peak Number 17 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	19.74 ng	1109050	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Hexadecane	226	C16H34	000544-76-3	91
3	Benzo[a]pyrene	252	C20H12	000050-32-8	87
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	86
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	83





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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-062819

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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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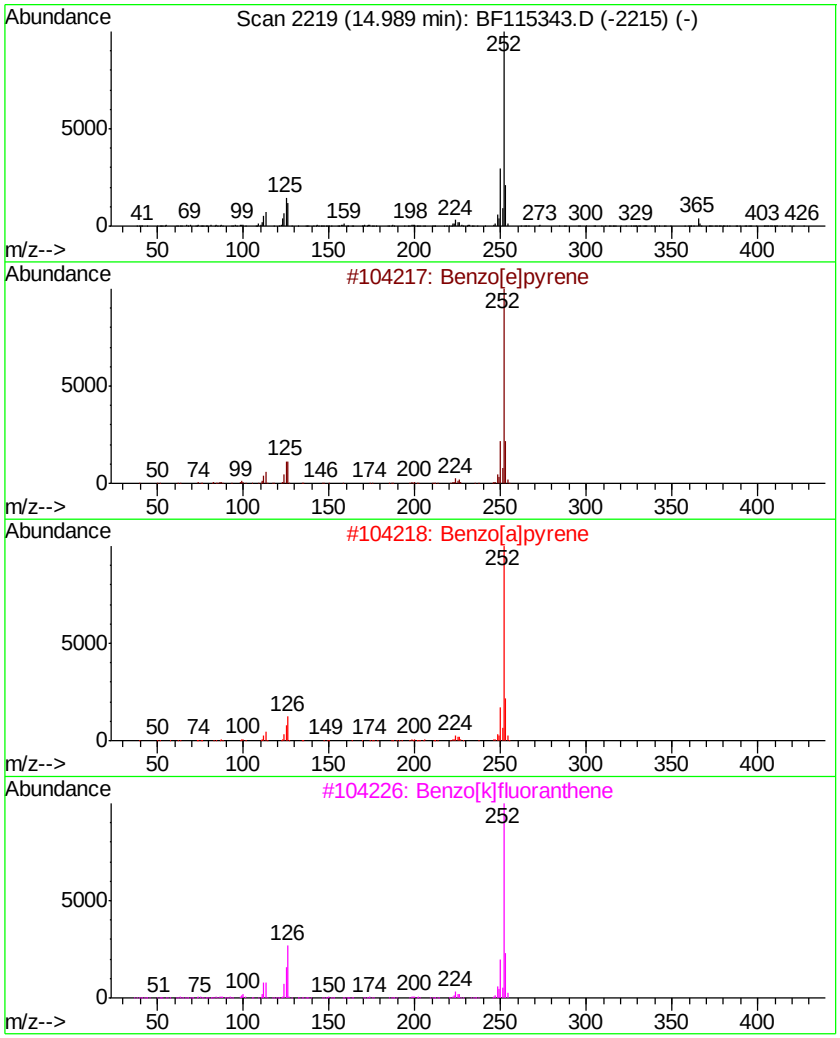
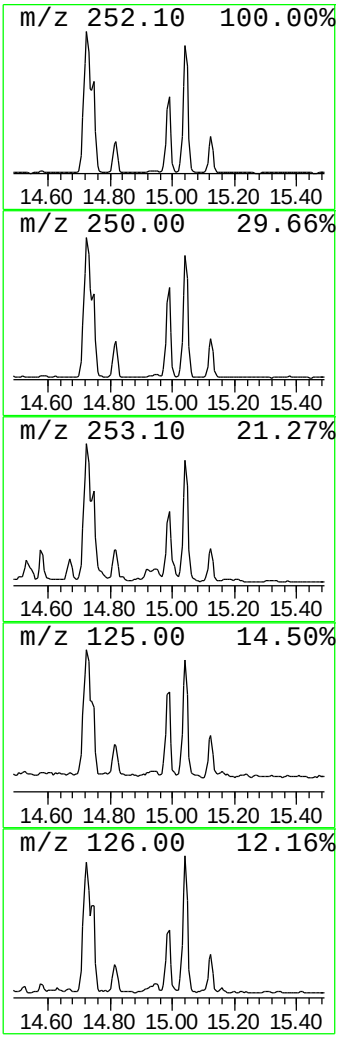
Peak Number 18 Benzo[j]fluoranthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	20.75 ng	1165920	Perylene-d12	15.10

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	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115343.D
Acq On : 1 Jul 2019 17:27
Operator : HP/JU
Sample : K3158-09 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-062819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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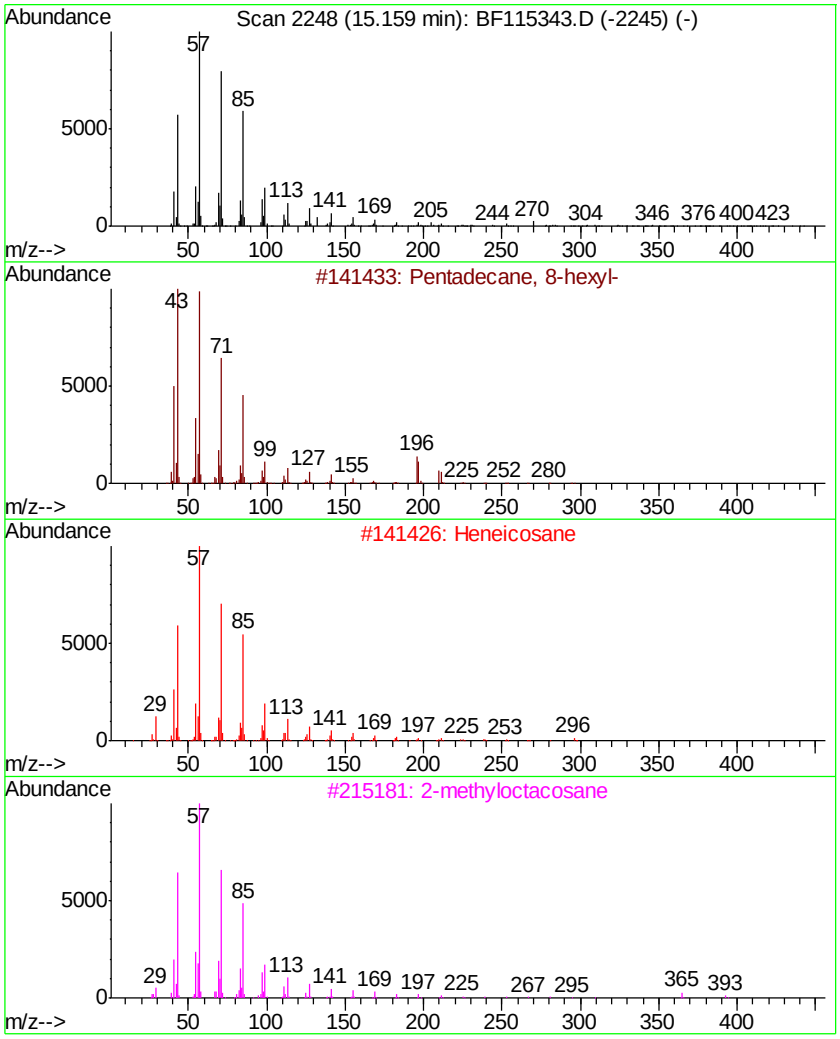
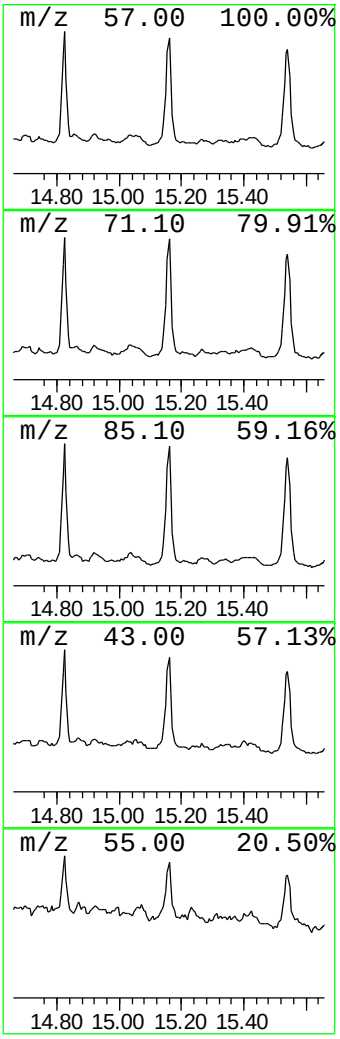
Peak Number 19 Pentadecane, 8-hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	18.37 ng	1032170	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Octacosane	394	C28H58	000630-02-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115343.D
Acq On : 1 Jul 2019 17:27
Operator : HP/JU
Sample : K3158-09 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-062819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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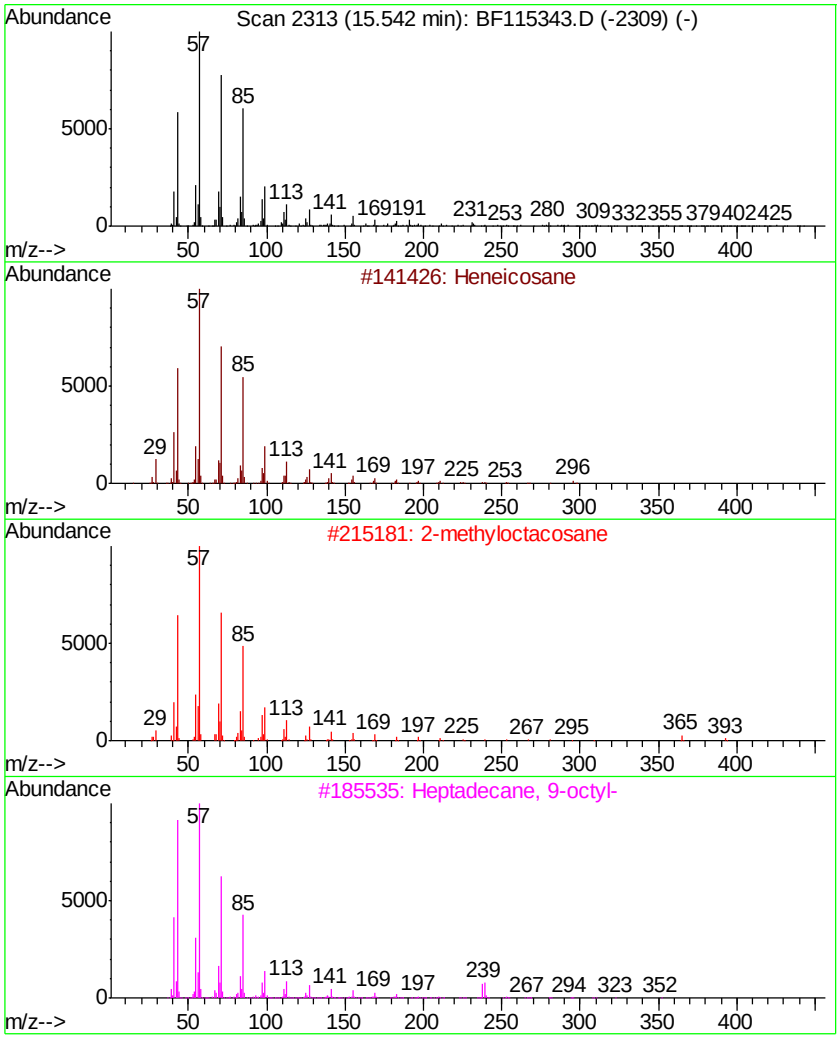
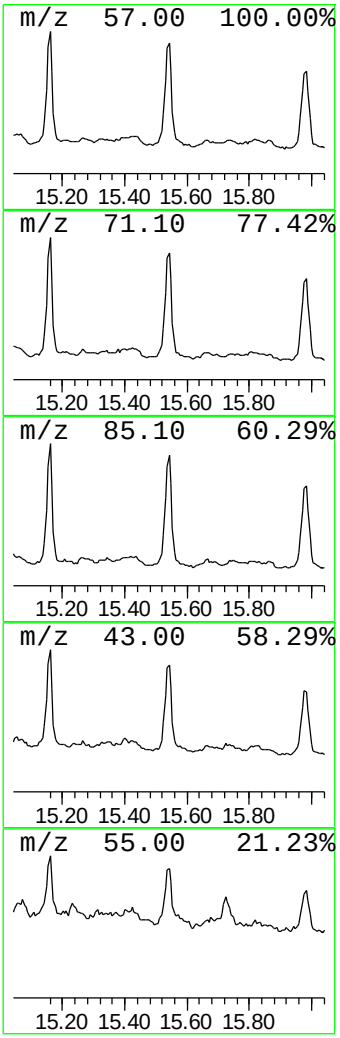
Peak Number 20 Tridecanol, 2-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	13.81 ng	776116	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070119\
Data File : BF115343.D
Acq On : 1 Jul 2019 17:27
Operator : HP/JU
Sample : K3158-09 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-062819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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
unknown6.37	6.37	34.7	ng	2714260	1	6.60	1563880	20.0
Dodecane, 4,6-dim...	8.33	6.1	ng	1248160	2	7.88	4085950	20.0
Tridecane	8.50	8.8	ng	1805830	2	7.88	4085950	20.0
Naphthalene, 2,7-...	9.21	6.5	ng	999638	3	9.63	3082180	20.0
Naphthalene, 2,6-...	9.30	9.0	ng	1382260	3	9.63	3082180	20.0
9-methylheptadecane	10.08	9.7	ng	1493160	3	9.63	3082180	20.0
Pentadecane, 2,6,...	10.31	8.0	ng	1226030	3	9.63	3082180	20.0
Dibenzofuran, 4-m...	10.33	5.3	ng	821535	3	9.63	3082180	20.0
Hexadecanoic acid...	11.52	8.2	ng	6475580	4	11.11	15709400	20.0
n-Hexadecanoic acid	11.68	7.2	ng	5615890	4	11.11	15709400	20.0
9,12-Octadecadien...	12.22	19.9	ng	15660500	4	11.11	15709400	20.0
Octadecanoic acid	12.46	17.7	ng	5838080	5	13.73	6584170	20.0
11H-Benzo[b]fluorene	12.87	5.4	ng	1780640	5	13.73	6584170	20.0
7H-Benzo[c]fluorene	12.94	7.8	ng	2554890	5	13.73	6584170	20.0
Hexadecane	14.52	12.1	ng	681049	6	15.10	1123690	20.0
Benzo[e]pyrene	14.82	19.7	ng	1109050	6	15.10	1123690	20.0
Benzo[j]fluoranthene	14.99	20.8	ng	1165920	6	15.10	1123690	20.0
Pentadecane, 8-he...	15.16	18.4	ng	1032170	6	15.10	1123690	20.0
Tridecanol, 2-eth...	15.54	13.8	ng	776116	6	15.10	1123690	20.0