LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112972.D
Acq On : 11 Mar 2019 23:17
Operator : JU/SJ
Sample : K1691-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-030819-B

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	5.328	547	551	563	rBV	559893	531512	16.25%	1.362%
2	6.357	723	726	743	rBV	573147	604699	18.48%	1.549%
3	6.492	746	749	758	rVV	667904	615293	18.81%	1.577%
4	6.728	785	789	799	rBV	1078138	944081	28.86%	2.419%
5	6.887	812	816	825	rBV	506378	469412	14.35%	1.203%
6	7.287	878	884	891	rBV	338442	368430	11.26%	0.944%
7	8.010	1003	1007	1014	rBV	1328961	1365168	41.73%	3.498%
8	8.616	1106	1110	1113	rBV	90956	95783	2.93%	0.245%
9	8.728	1124	1129	1134	rVB3	35059	50269	1.54%	0.129%
10	8.839	1142	1148	1153	rBV3	51511	106573	3.26%	0.273%
11	9.086	1186	1190	1196	rBV	836342	777380	23.76%	1.992%
12	9.181	1203	1206	1212	rBV2	148706	133767	4.09%	0.343%
13	9.345	1230	1234	1241	rBV3	47163	82976	2.54%	0.213%
14	9.428	1241	1248	1250	rBV3	79646	117554	3.59%	0.301%
15	9.480	1255	1257	1259	rBV	51119	57576	1.76%	0.148%
16	9.710	1293	1296	1300	rBV	177200	149526	4.57%	0.383%
17	9.763	1300	1305	1308	rBV	2002819	1783014	54.50%	4.569%
18	9.792	1308	1310	1315	rVB	238760	208432	6.37%	0.534%
19	9.969	1337	1340	1344	rVV	161414	143501	4.39%	0.368%
20	10.028	1348	1350	1355	rVB3	47449	50193	1.53%	0.129%
21	10.204	1377	1380	1384	rVB	204452	167984	5.13%	0.430%
22	10.310	1394	1398	1404	rBV	343338	353970	10.82%	0.907%
23	10.427	1414	1418	1422	rBV3	76104	100631	3.08%	0.258%
24	10.463	1422	1424	1429	rVB2	73605	89863	2.75%	0.230%
25	10.545	1434	1438	1443	rBV	755087	726388	22.20%	1.861%
26	10.675	1457	1460	1467	rVB	243680	261462	7.99%	0.670%
27	10.857	1486	1491	1493	rBV2	56694	77921	2.38%	0.200%
28	10.933	1502	1504	1507	rVB2	53243	46058	1.41%	0.118%
29	11.004	1514	1516	1521	rVB3	49341	47536	1.45%	0.122%
30	11.092	1528	1531	1533	rBV	44567	48881	1.49%	0.125%
31	11.122	1533	1536	1540	rVV2	234917	302193	9.24%	0.774%
32	11.157	1540	1542	1547	rVB	82499	80547	2.46%	0.206%
33	11.239	1552	1556	1558	rBV	2084739	1892317	57.84%	4.849%
34	11.263	1558	1560	1564	rVV	1984854	1619684	49.51%	4.150%

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Operator : JU/SJ
Sample : K1691-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-030819-B

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	11.316	1565	1569	1573	rVB	566766	556954	17.02%	1.427%
36	11.469	1592	1595	1598	rBV	49227	56277	1.72%	0.144%
37	11.545	1604	1608	1611	rBV2	180405	186167	5.69%	0.477%
38	11.645	1621	1625	1631	rVB	1384475	1110839	33.96%	2.846%
39	11.739	1638	1641	1644	rBV	187029	177099	5.41%	0.454%
40	11.774	1644	1647	1651	rVV2	347757	407757	12.46%	1.045%
41	11.816	1651	1654	1657	rVV	124452	117192	3.58%	0.300%
42	11.851	1657	1660	1663	rVV	386223	418706	12.80%	1.073%
43	11.874	1663	1664	1669	rVB	144135	92574	2.83%	0.237%
44	11.951	1673	1677	1680	rBV	146731	135435	4.14%	0.347%
45	12.033	1689	1691	1702	rVB	144256	177241	5.42%	0.454%
46	12.239	1724	1726	1728	rVB2	54256	43879	1.34%	0.112%
47	12.286	1732	1734	1737	rVB	107643	97354	2.98%	0.249%
48	12.327	1737	1741	1743	rBV	3355569	3271394	100.00%	8.383%
49	12.351	1743	1745	1747	rVB	3903598	2947175	90.09%	7.552%
50	12.445	1756	1761	1765	rBV2	1847045	2126009	64.99%	5.448%
51	12.480	1765	1767	1770	rVV4	70423	82019	2.51%	0.210%
52	12.557	1778	1780	1785	rBV4	83209	107766	3.29%	0.276%
53	12.674	1794	1800	1803	rBV	1488141	1718319	52.53%	4.403%
54	12.710	1803	1806	1814	rVB3	126677	245607	7.51%	0.629%
55	12.792	1817	1820	1822	rBV	101372	107715	3.29%	0.276%
56	12.816	1822	1824	1833	rVB	857095	809785	24.75%	2.075%
57	12.892	1833	1837	1840	rBV3	80656	130349	3.98%	0.334%
58	12.998	1849	1855	1859	rBV	299513	479613	14.66%	1.229%
59	13.068	1863	1867	1870	rVV2	370658	421967	12.90%	1.081%
60	13.104	1870	1873	1876	rVV	156374	161802	4.95%	0.415%
61	13.157	1879	1882	1886	rVB2	110434	110551	3.38%	0.283%
62	13.192	1886	1888	1891	rBV	70112	68884	2.11%	0.177%
63	13.227	1891	1894	1898	rBV3	80511	82533	2.52%	0.211%
64	13.404	1921	1924	1929	rVB2	132747	139455	4.26%	0.357%
65	13.616	1957	1960	1962	rBV	77568	85073	2.60%	0.218%
66	13.645	1962	1965	1967	rVV	67754	57641	1.76%	0.148%
67	13.727	1977	1979	1986	rVB2	145617	151062	4.62%	0.387%
68	13.863	1997	2002	2005	rBV2	1716663	2149277	65.70%	5.507%
69	13.886	2005	2006	2013	rVB	554693	446055	13.64%	1.143%
70	13.968	2018	2020	2023	rVB	131635	111300	3.40%	0.285%
71	14.045	2030	2033	2036	rVB2	215630	188862	5.77%	0.484%

LSC Area Percent Report

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Sample : K1691-03 5X
Misc :
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Instrument : BNA_F
ClientSampleId : CL-02-030819-B

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

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Peak separation: 5

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

72	14.345	2081	2084	2087	rBV	295985	295356	9.03%	0.757%
73	14.645	2132	2135	2142	rVB	371268	381085	11.65%	0.976%
74	14.874	2170	2174	2177	rBV	402847	633131	19.35%	1.622%
75	14.957	2185	2188	2194	rVB2	376814	489159	14.95%	1.253%
76	15.151	2218	2221	2227	rVB	220512	265353	8.11%	0.680%
77	15.210	2228	2231	2237	rVV	346237	419411	12.82%	1.075%
78	15.274	2237	2242	2245	rVV	878854	1180335	36.08%	3.024%
79	15.315	2245	2249	2253	rVB2	351800	520423	15.91%	1.334%
80	15.721	2314	2318	2323	rBV	237613	321247	9.82%	0.823%
81	16.186	2394	2397	2405	rVB	165991	272088	8.32%	0.697%

Sum of corrected areas: 39025849

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112972.D
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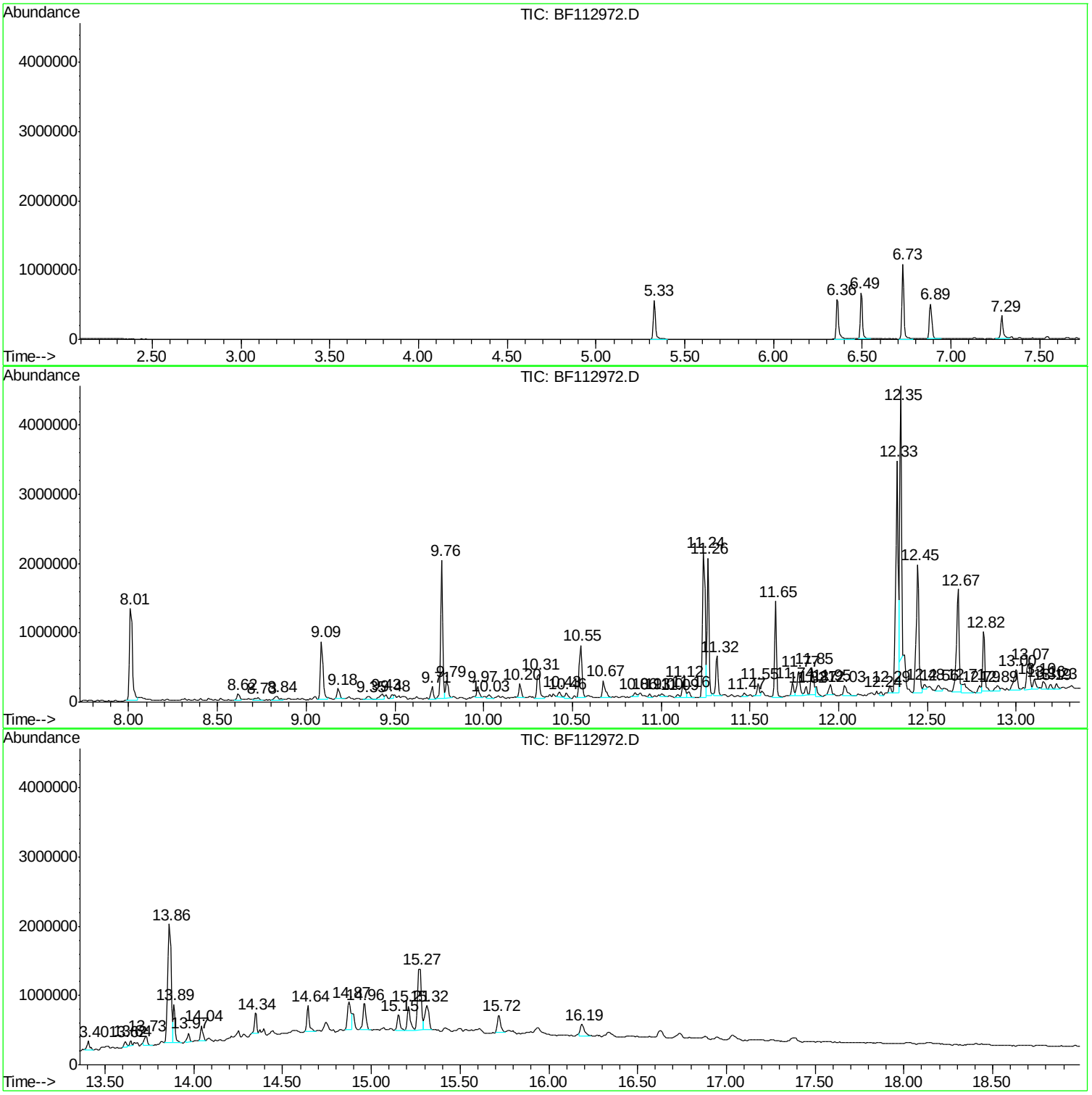
Sample : K1691-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-030819-B

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\BF031119\
Data File : BF112972.D
Acq On : 11 Mar 2019 23:17
Operator : JU/SJ
Sample : K1691-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-030819-B

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

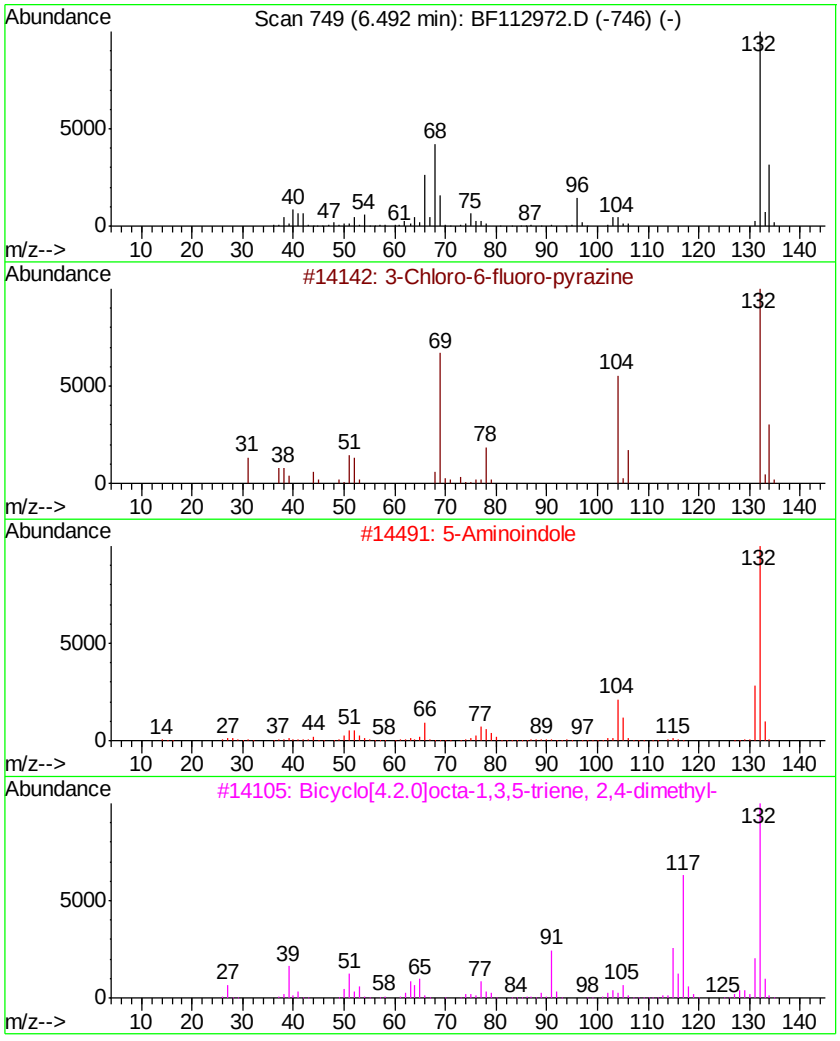
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

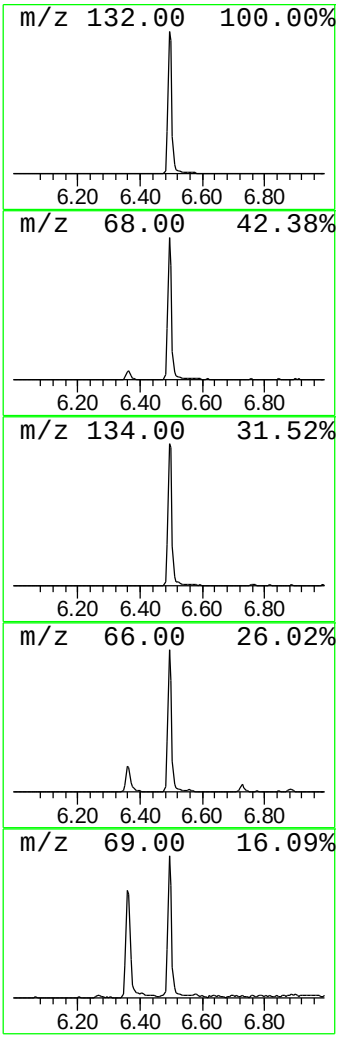
****

Peak Number 1 unknown6.49 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	13.03 ng	615293	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	Xenon	132	Xe	007440-63-3	9





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Sample : K1691-03 5X
Misc :
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Instrument : BNA_F
ClientSampleId : CL-02-030819-B

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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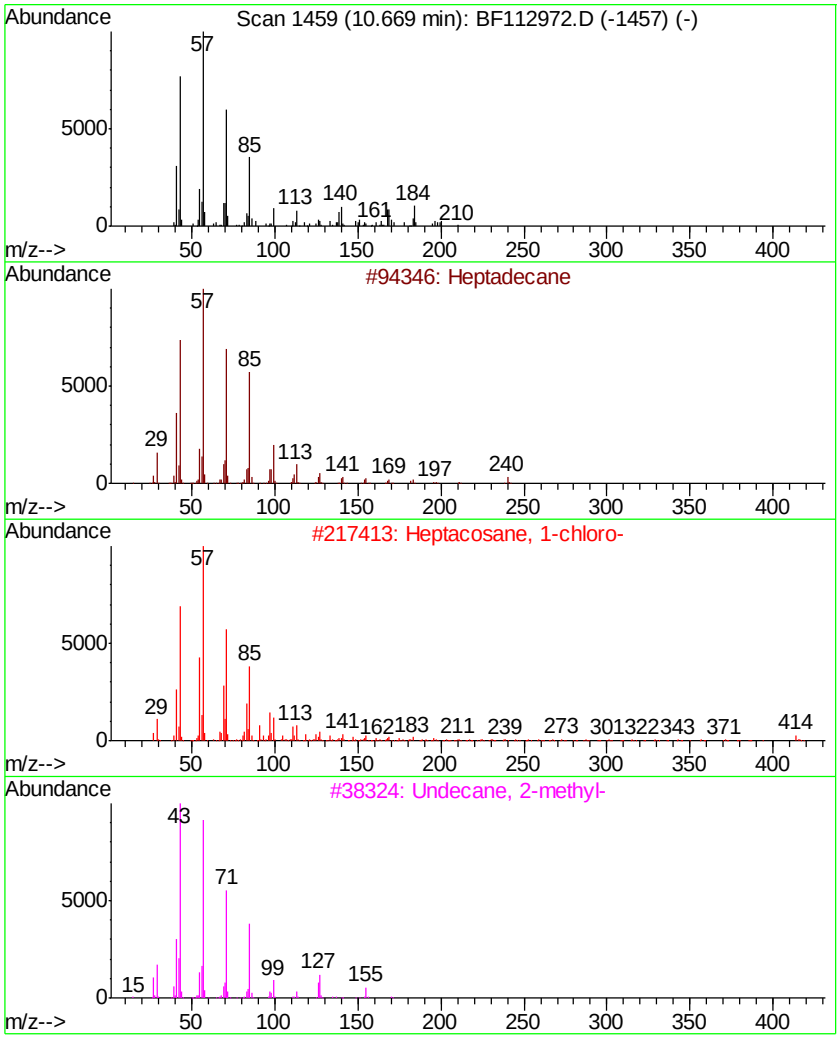
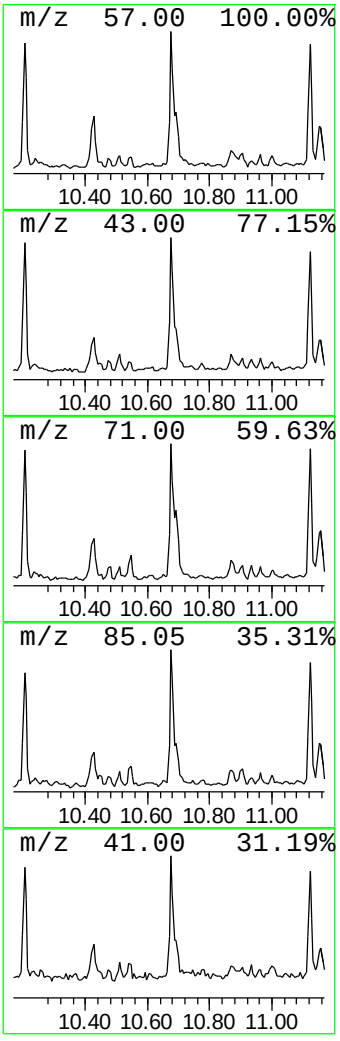
Peak Number 3 Heptadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	2.76 ng	261462	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Eicosane	282	C20H42	000112-95-8	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
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Instrument : BNA_F
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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
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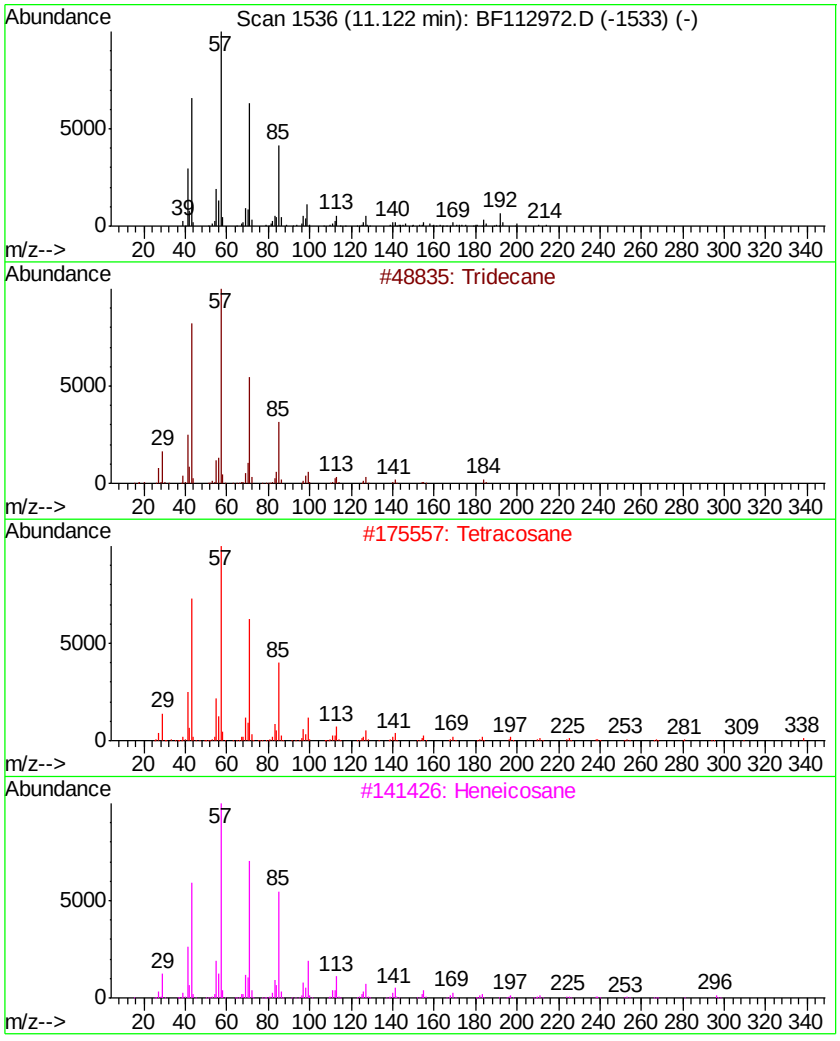
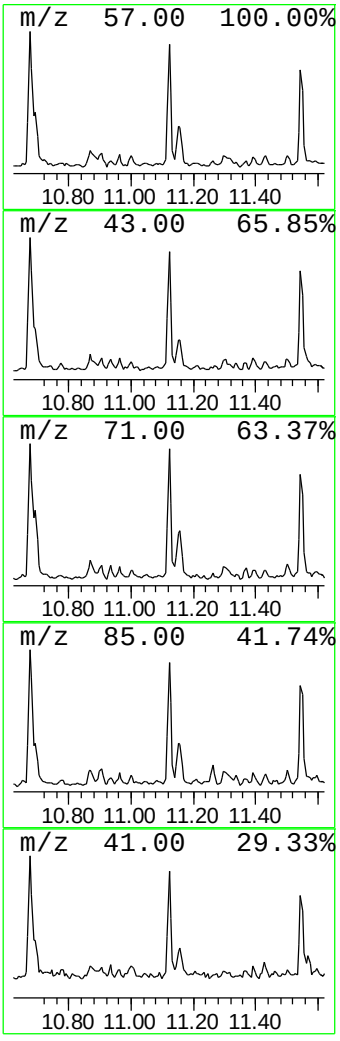
Peak Number 4 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	3.19 ng	302193	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tetracosane	338	C24H50	000646-31-1	87
3	Heneicosane	296	C21H44	000629-94-7	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Tetratetracontane	619	C44H90	007098-22-8	86





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ClientSampleId : CL-02-030819-B

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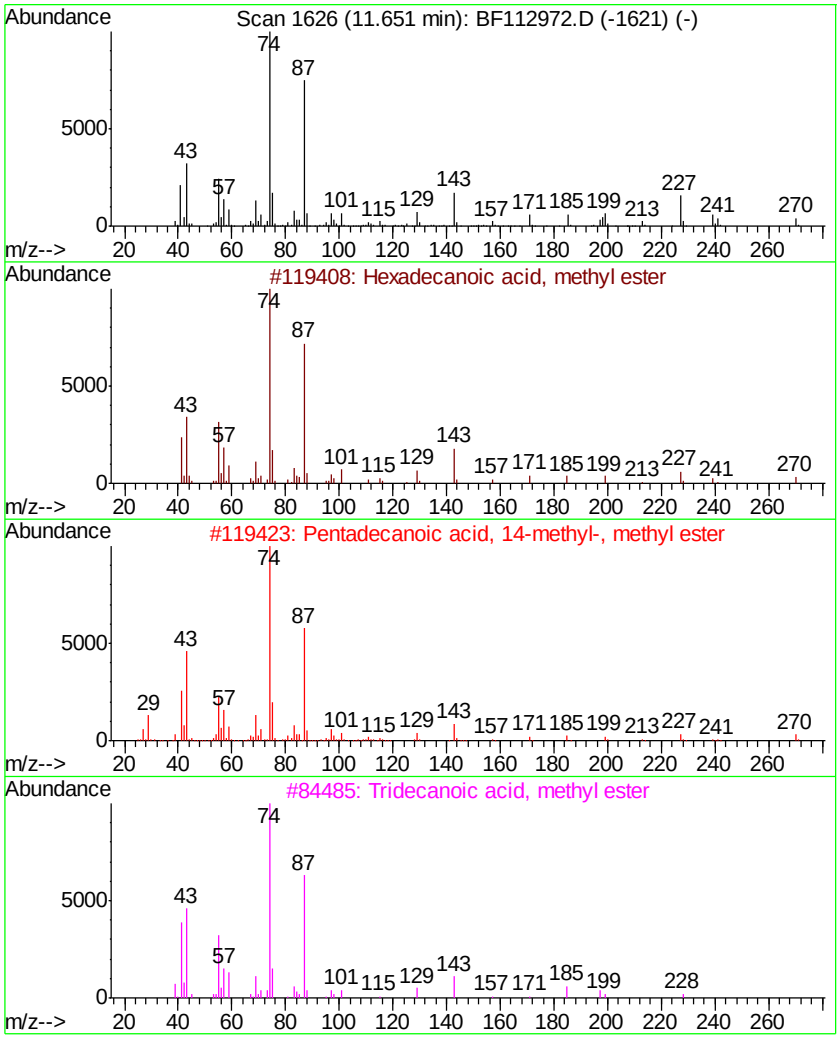
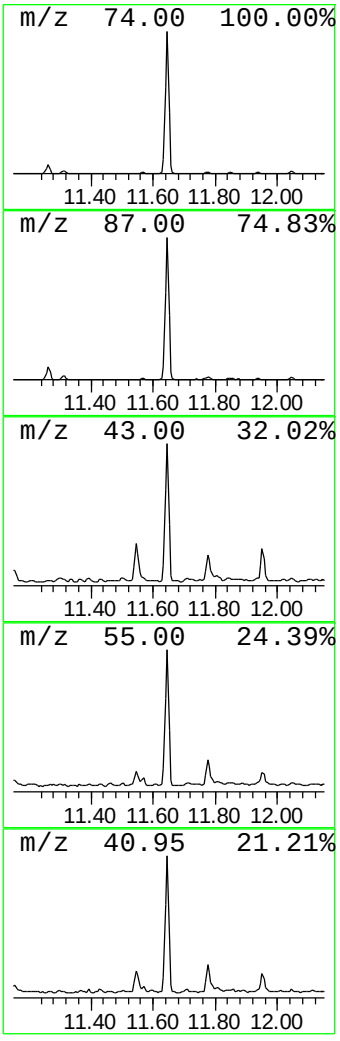
Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	11.74 ng	1110840	Phenanthrene-d10	11.24

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	94
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	80
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80





Library Search Compound Report

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Sample : K1691-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-030819-B

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

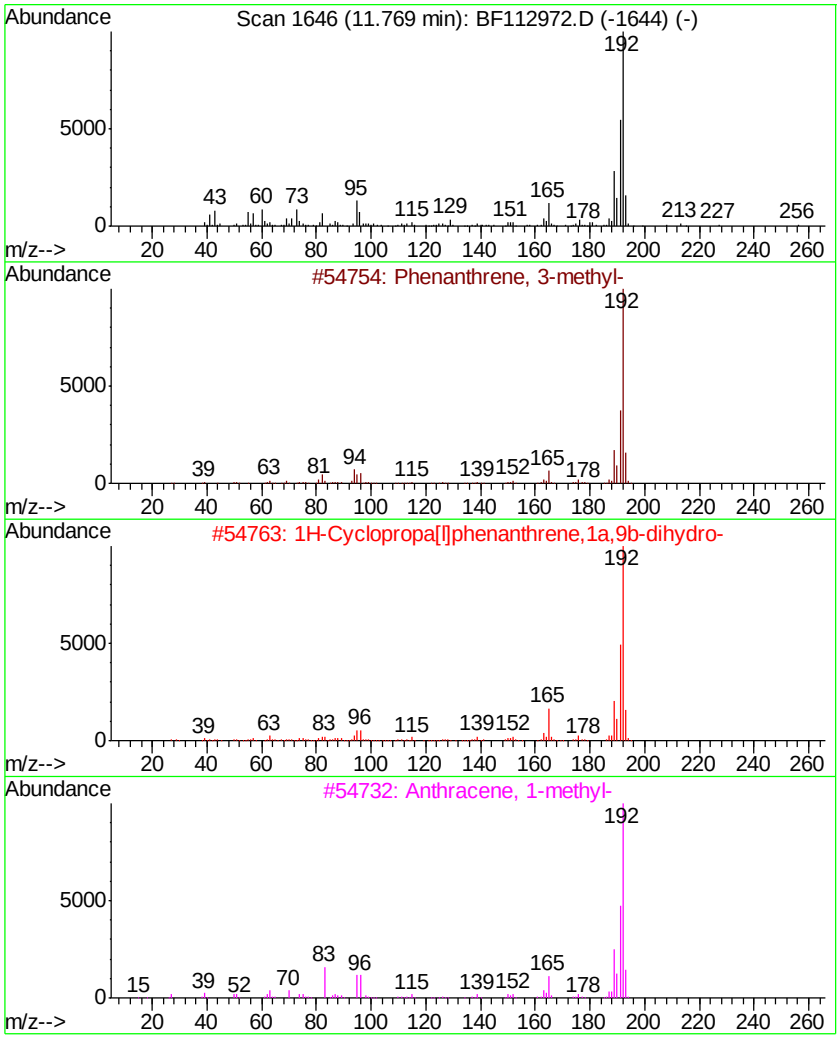
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

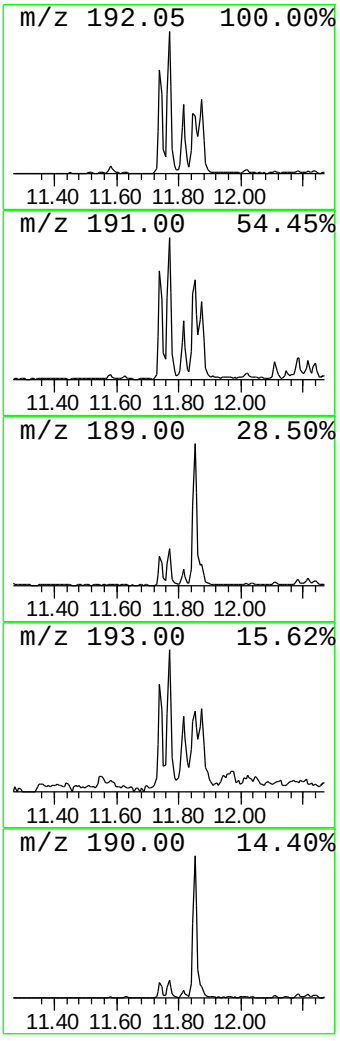
****

Peak Number 6 Phenanthrene, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	4.31 ng	407757	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112972.D
Acq On : 11 Mar 2019 23:17
Operator : JU/SJ
Sample : K1691-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-030819-B

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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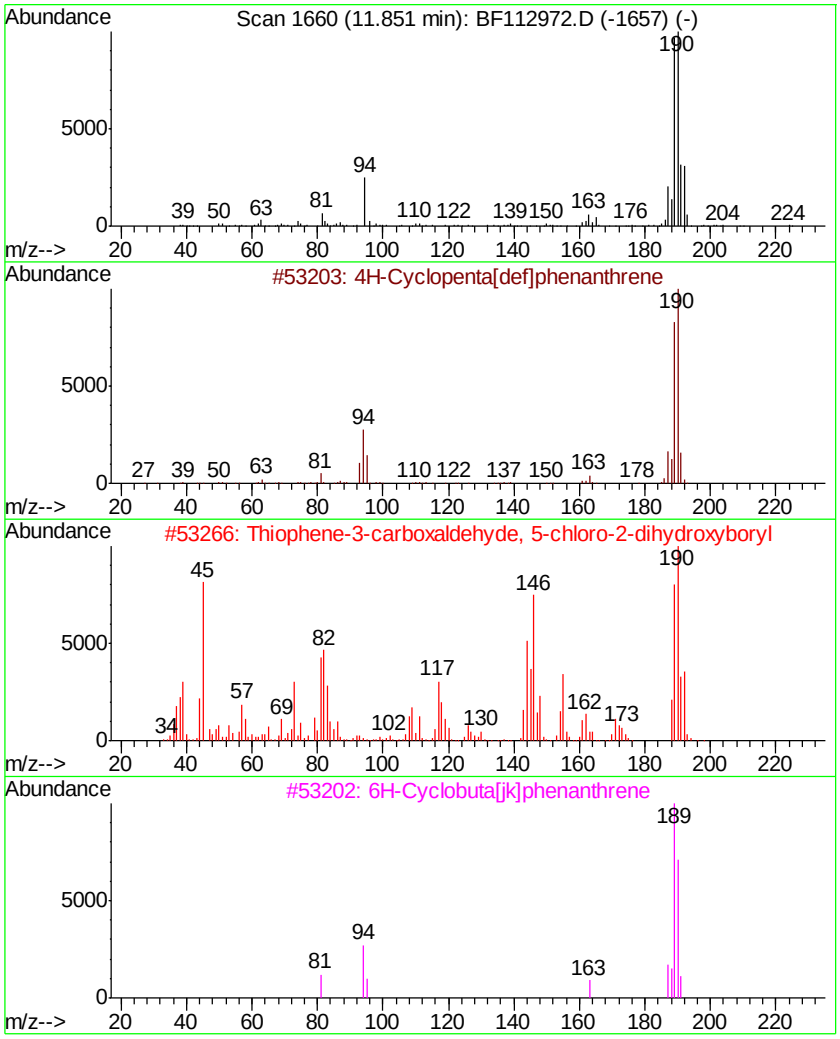
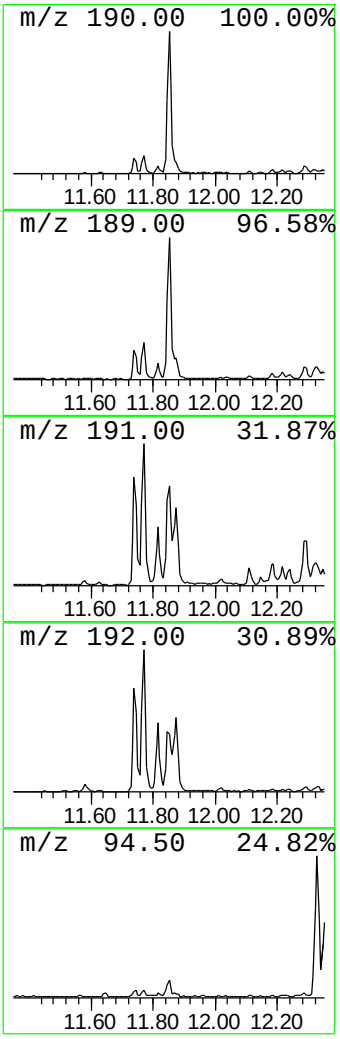
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	4.43 ng	418706	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	49





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Data File : BF112972.D
Acq On : 11 Mar 2019 23:17
Operator : JU/SJ
Sample : K1691-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-030819-B

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

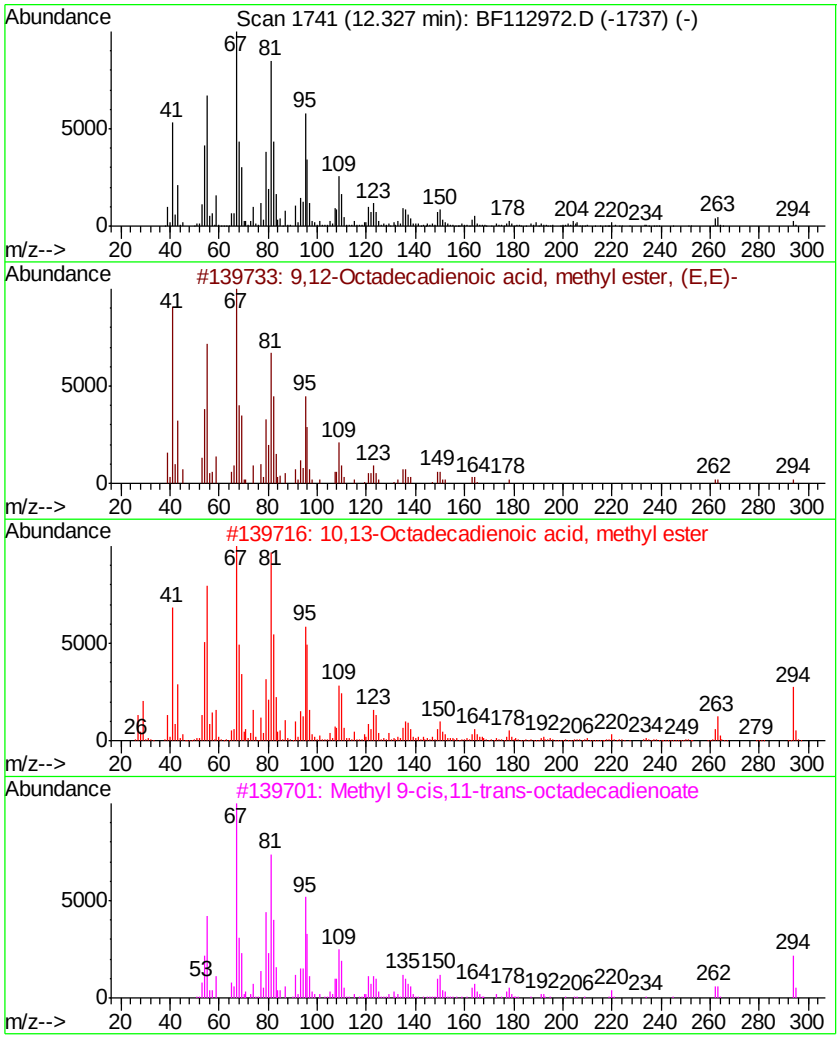
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

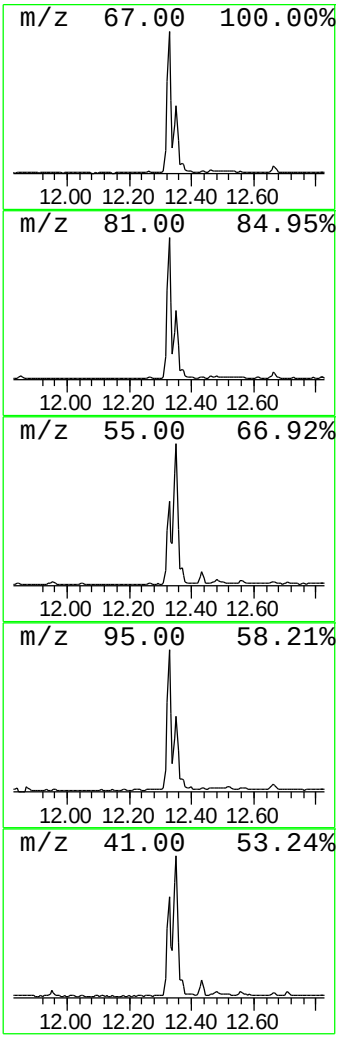
****

Peak Number 8 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	34.58 ng	3271390	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99





Library Search Compound Report

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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-030819-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

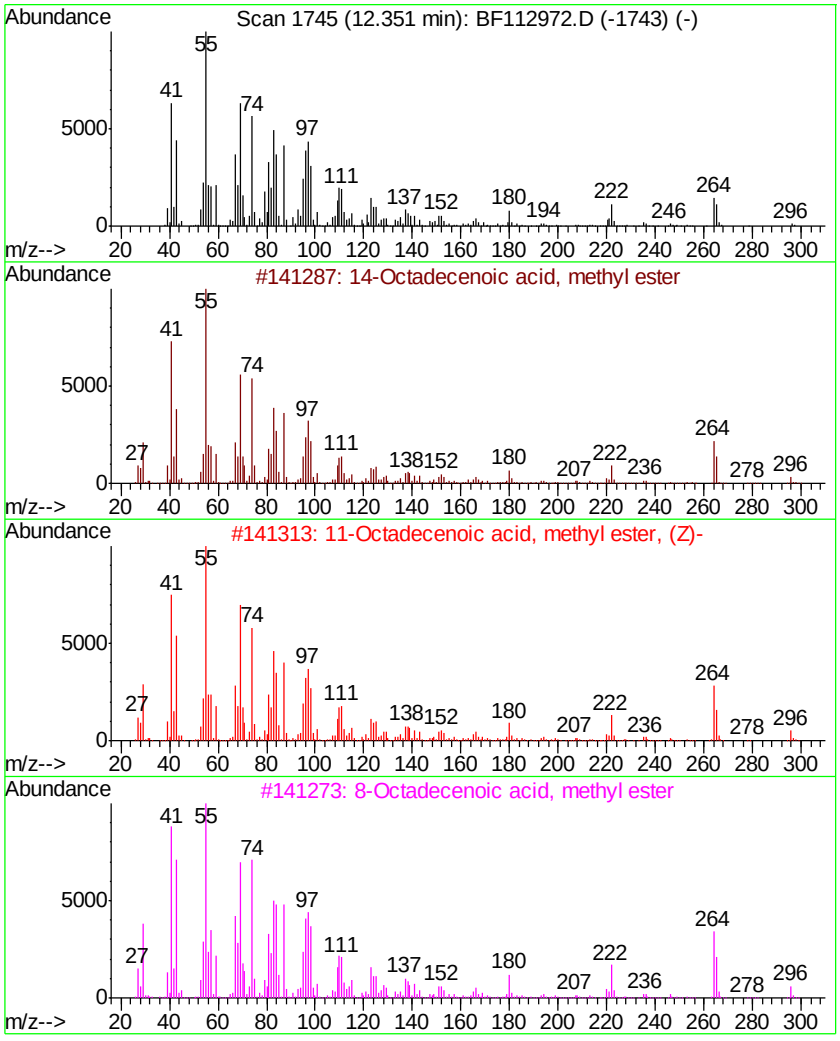
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

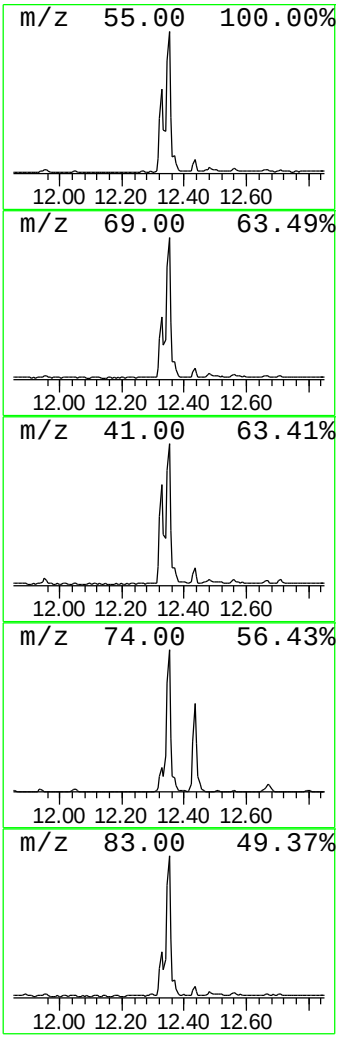
****

Peak Number 9 14-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	31.15 ng	2947180	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
2	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
3	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99





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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-030819-B

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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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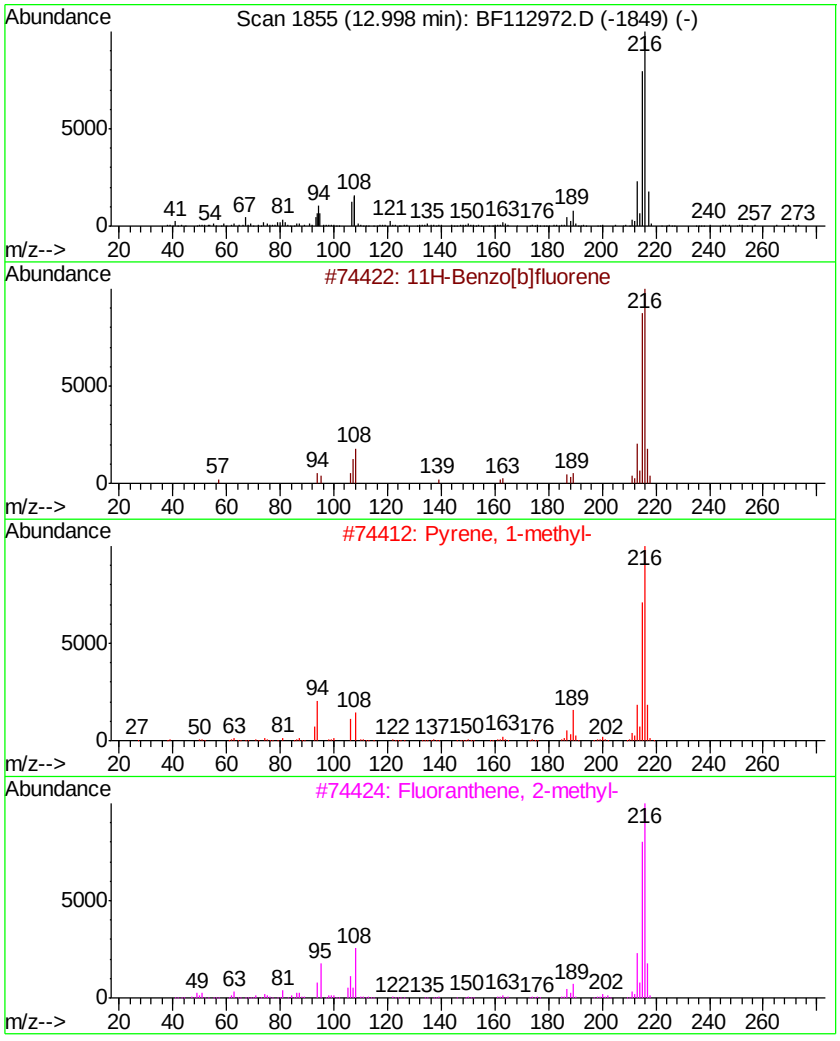
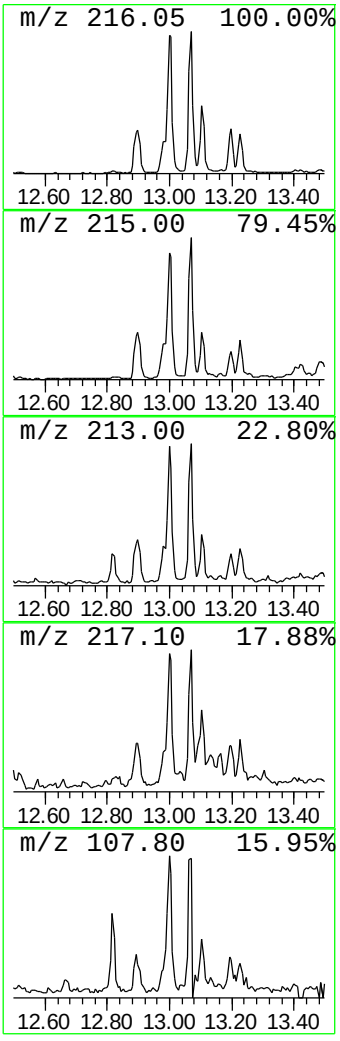
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	4.46 ng	479613	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Sample : K1691-03 5X
Misc :
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ClientSampleId : CL-02-030819-B

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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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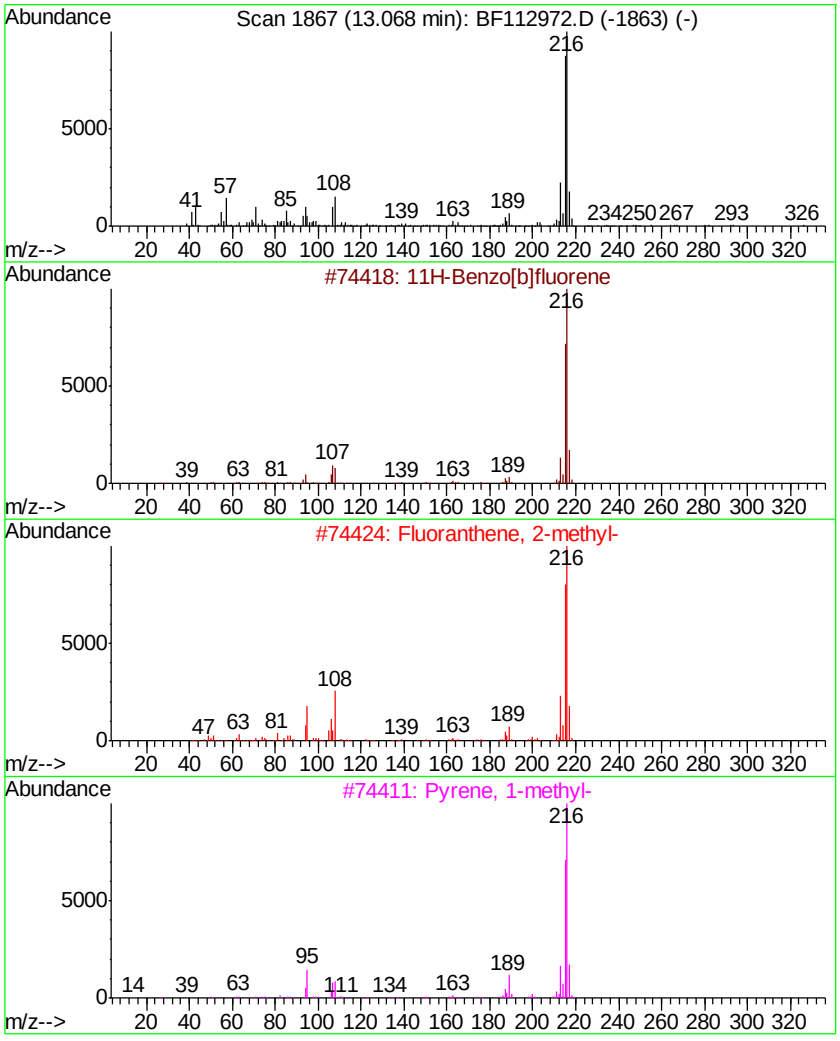
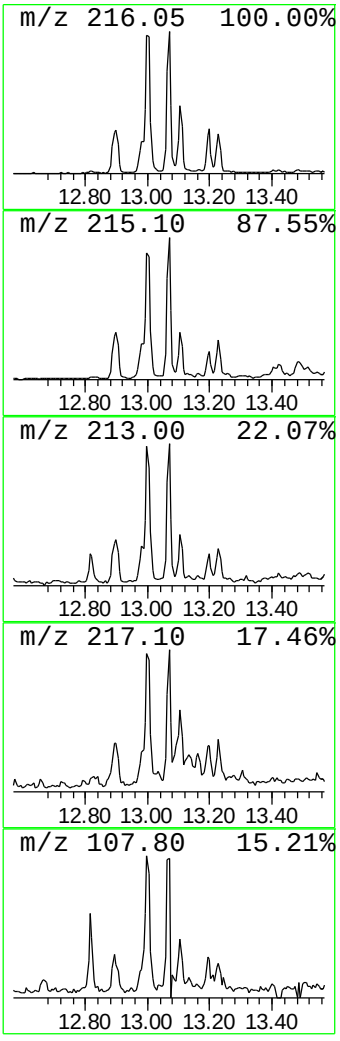
Peak Number 11 unknown13.07 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	3.93 ng	421967	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60





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Operator : JU/SJ
Sample : K1691-03 5X
Misc :
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Instrument : BNA_F
ClientSampleId : CL-02-030819-B

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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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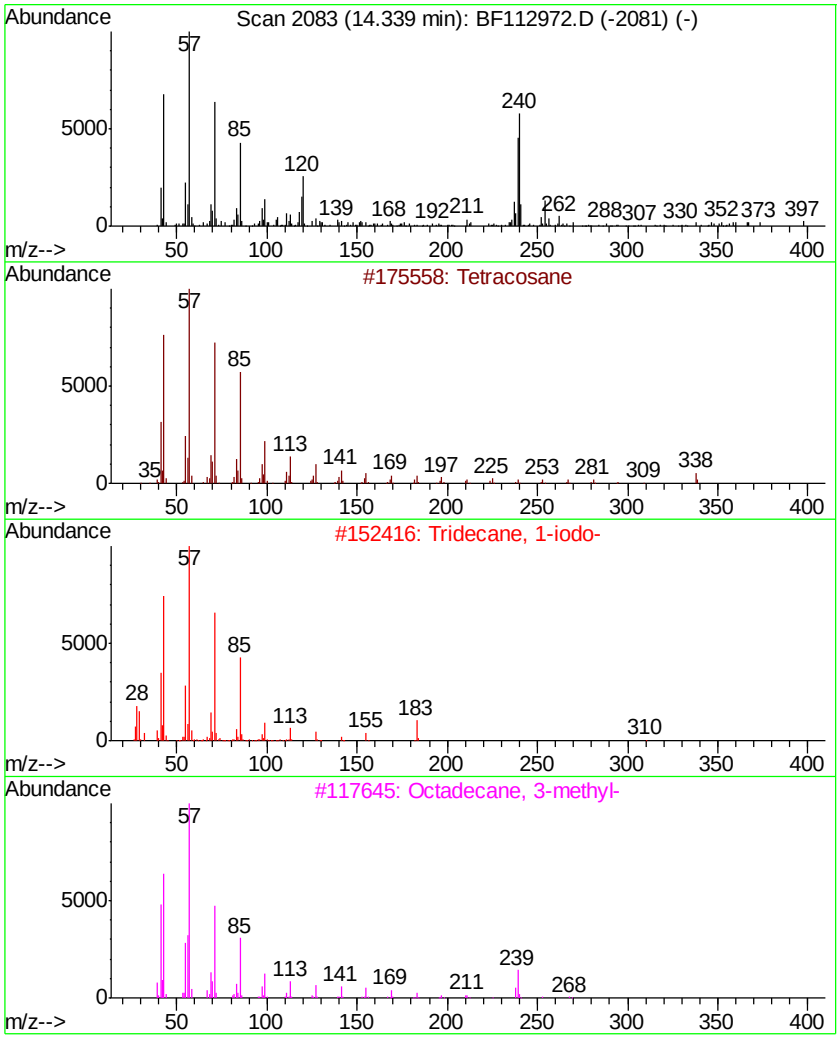
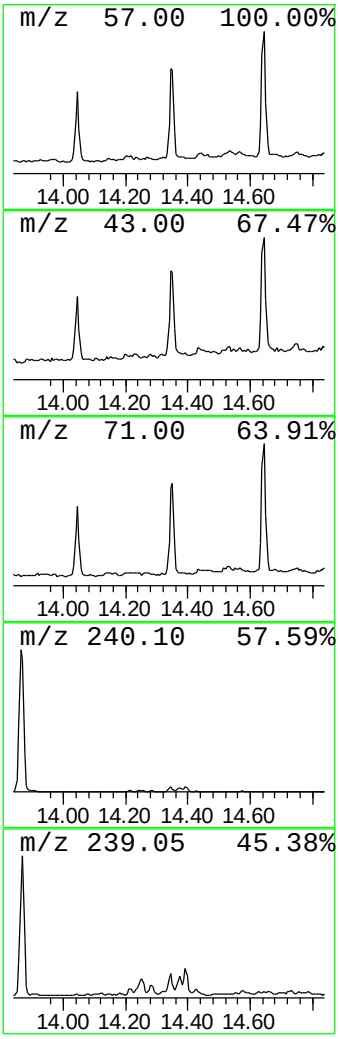
Peak Number 12 Tetracosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	2.75 ng	295356	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Octadecane, 3-methyl-	268	C19H40	006561-44-0	68
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	64
5	Octacosane	394	C28H58	000630-02-4	64





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Sample : K1691-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-030819-B

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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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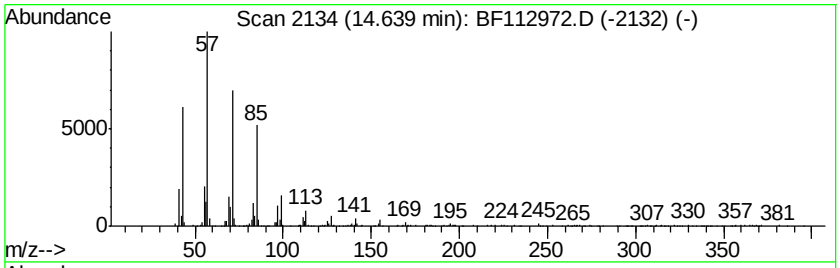
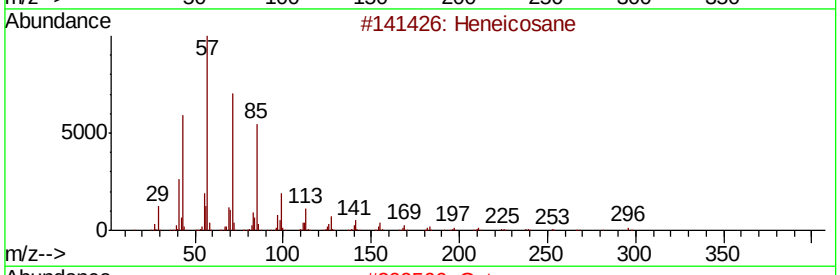
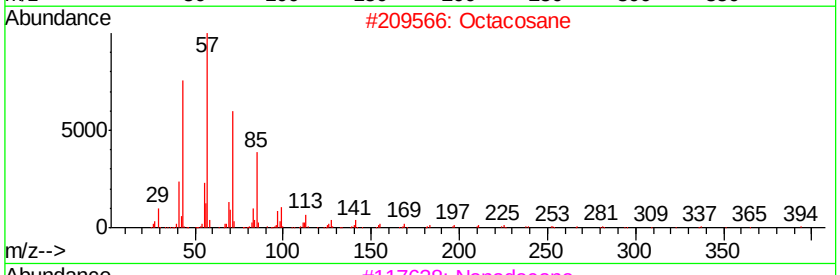
Peak Number 13 Heneicosane Concentration Rank 7

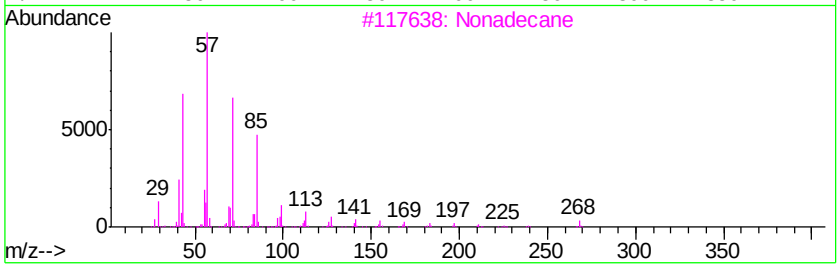
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	6.46 ng	381085	Perylene-d12	15.27

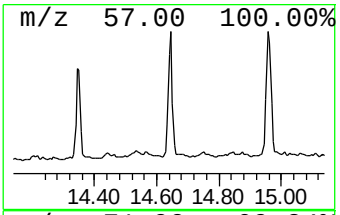
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Octacosane	394	C28H58	000630-02-4	94
3	Nonadecane	268	C19H40	000629-92-5	93
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	93

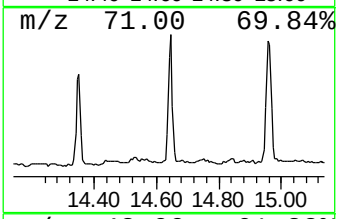


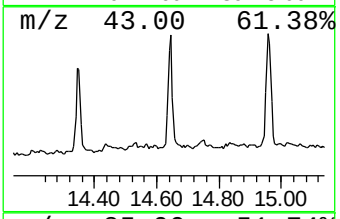


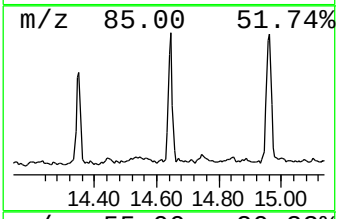


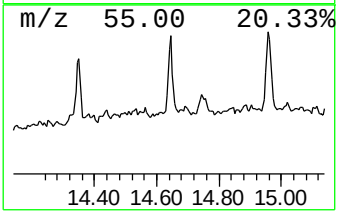












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Operator : JU/SJ
Sample : K1691-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-030819-B

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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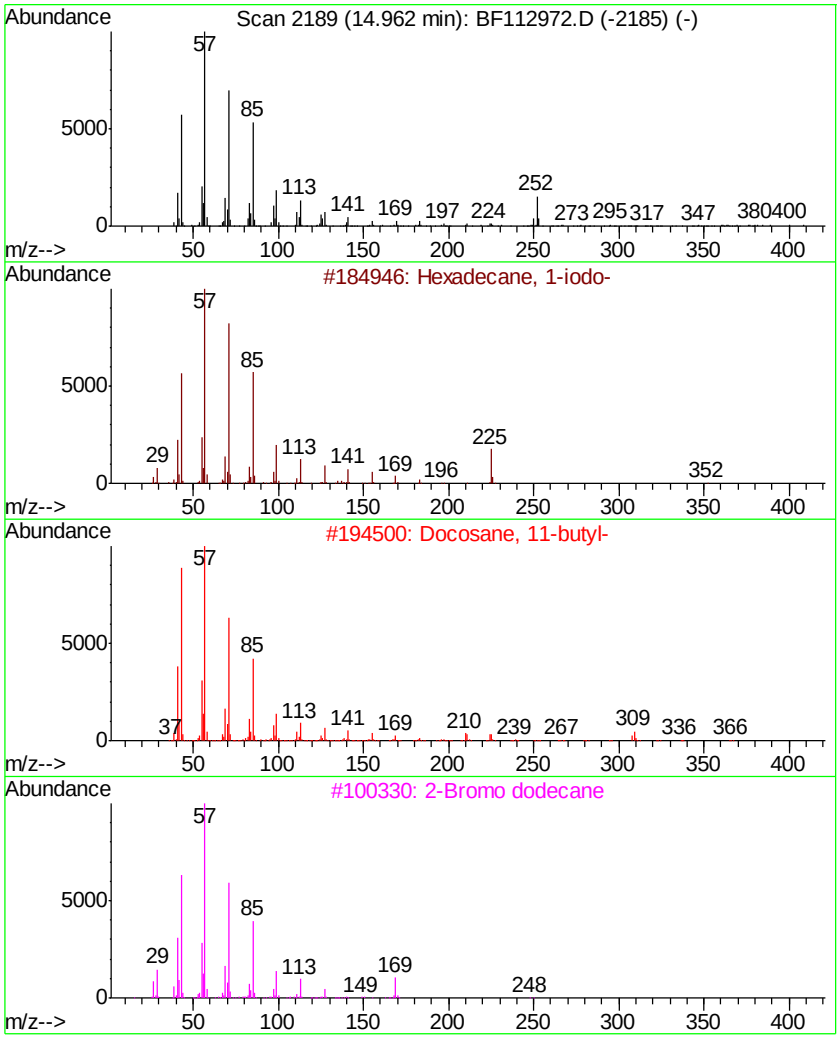
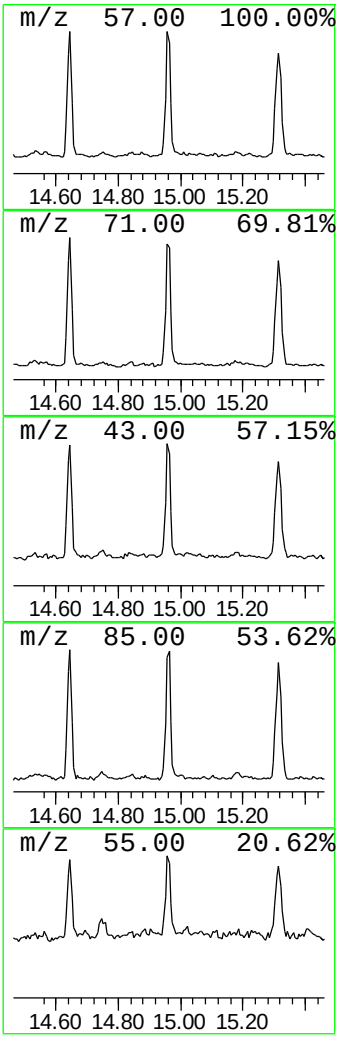
Peak Number 14 Hexadecane, 1-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	8.29 ng	489159	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
4	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
5	Eicosane	282	C20H42	000112-95-8	93





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

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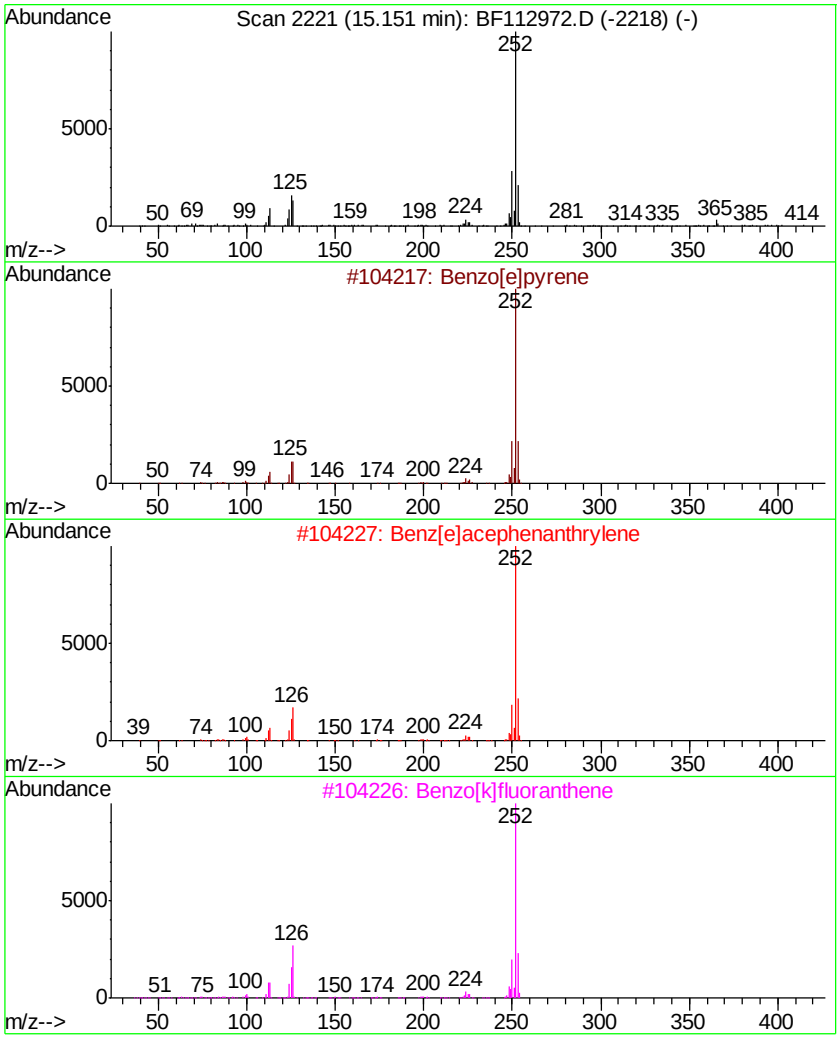
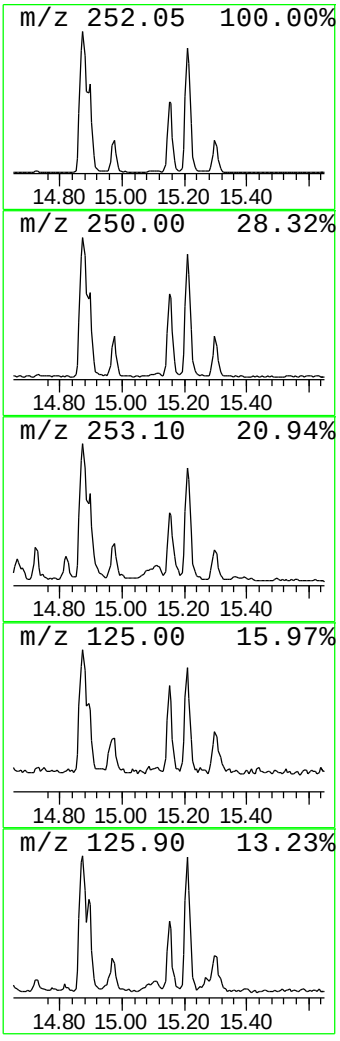
Peak Number 15 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	4.50 ng	265353	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





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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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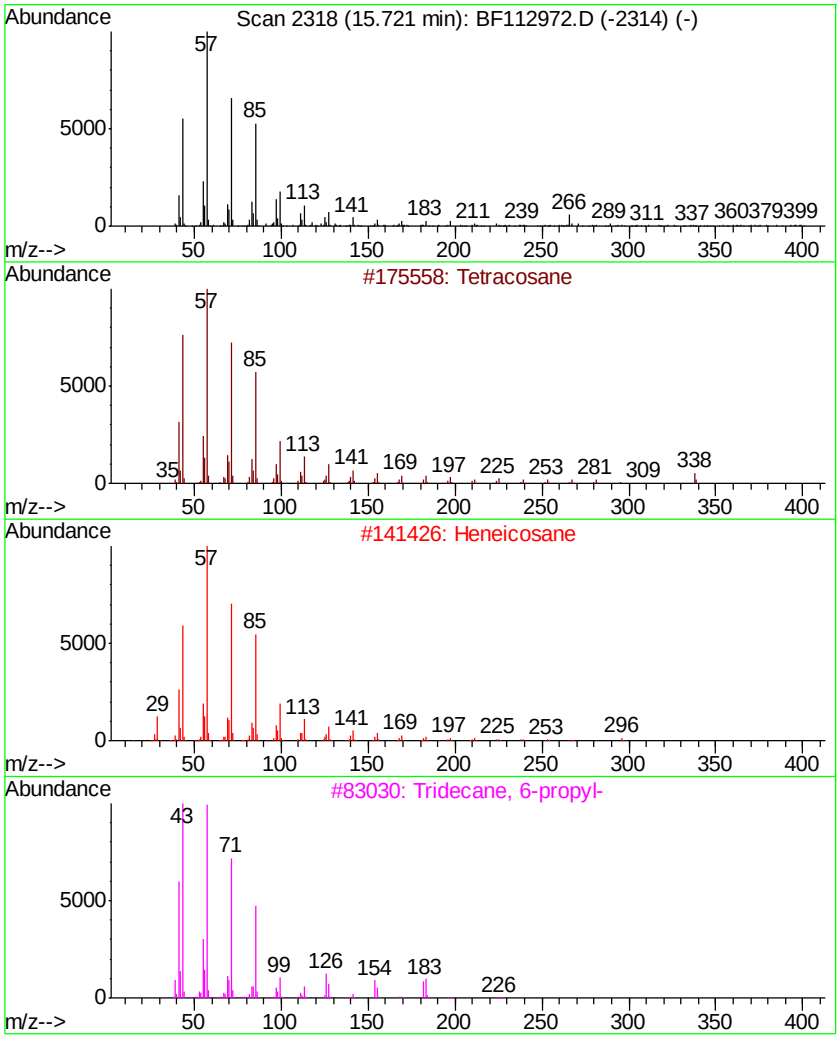
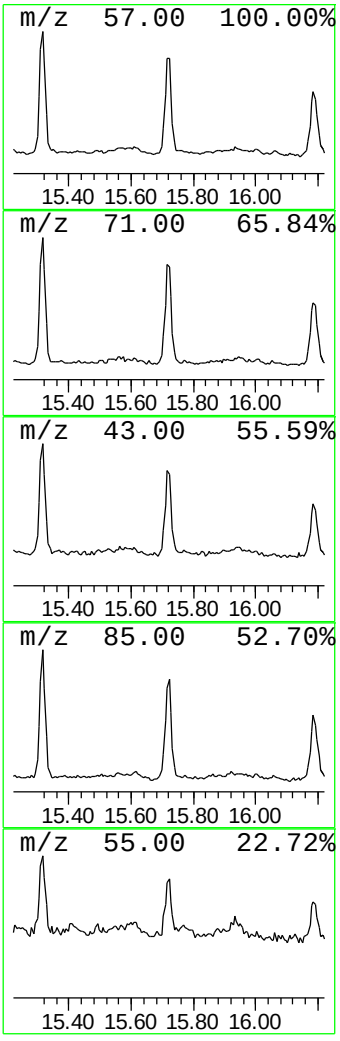
Peak Number 16 unknown15.72 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	5.44 ng	321247	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Heneicosane	296	C21H44	000629-94-7	87
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
4	Octacosane	394	C28H58	000630-02-4	86
5	Octadecane	254	C18H38	000593-45-3	83





Library Search Compound Report

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

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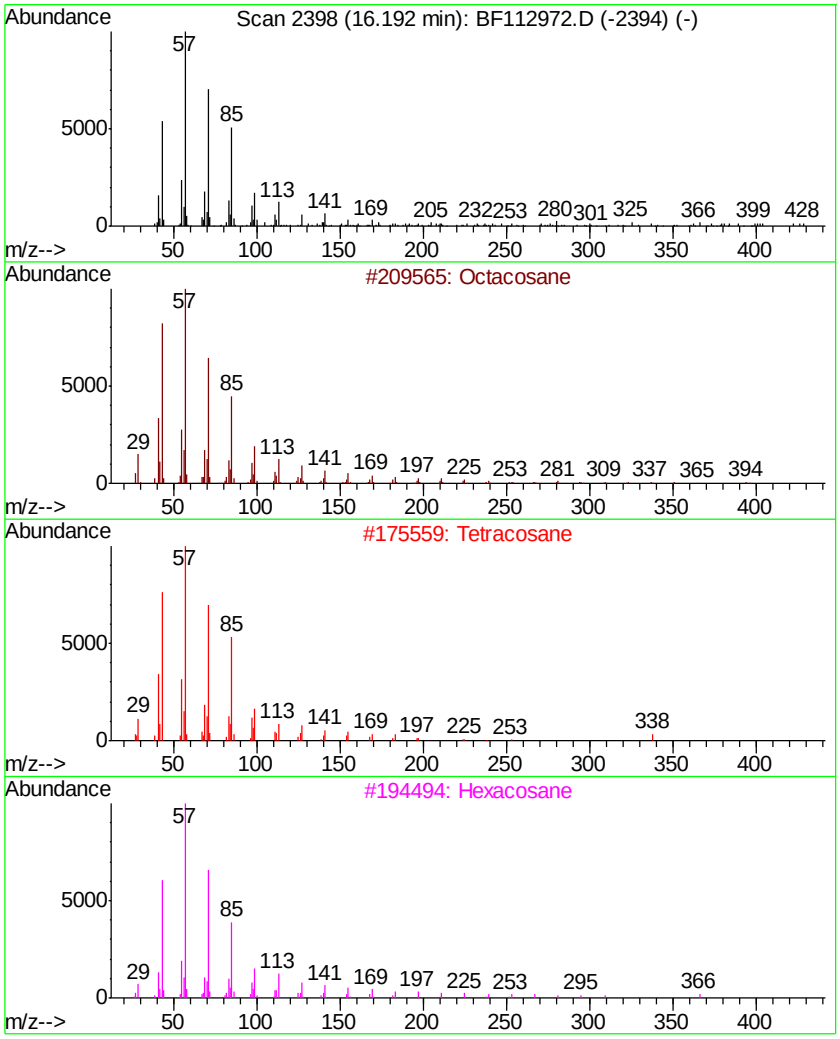
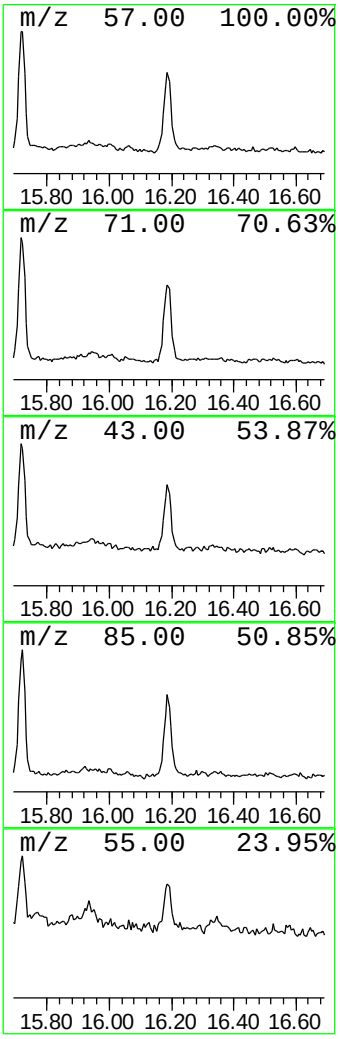
Peak Number 17 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	4.61 ng	272088	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Tetracosane	338	C24H50	000646-31-1	86
3	Hexacosane	366	C26H54	000630-01-3	86
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	80
5	Nonadecane	268	C19H40	000629-92-5	74





Tentatively Identified Compound (LSC) summary

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Data File : BF112972.D
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Sample : K1691-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-030819-B

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
unknown6.49	6.49	13.0	ng	615293	1	6.73	944081	20.0
Heptadecane	10.67	2.8	ng	261462	4	11.24	1892320	20.0
Tridecane	11.12	3.2	ng	302193	4	11.24	1892320	20.0
Hexadecanoic acid...	11.65	11.7	ng	1110840	4	11.24	1892320	20.0
Phenanthrene, 3-m...	11.77	4.3	ng	407757	4	11.24	1892320	20.0
4H-Cyclopenta[def...	11.85	4.4	ng	418706	4	11.24	1892320	20.0
9,12-Octadecadien...	12.33	34.6	ng	3271390	4	11.24	1892320	20.0
14-Octadecenoic a...	12.35	31.1	ng	2947180	4	11.24	1892320	20.0
11H-Benzo[b]fluorene	13.00	4.5	ng	479613	5	13.86	2149280	20.0
unknown13.07	13.07	3.9	ng	421967	5	13.86	2149280	20.0
Tetracosane	14.34	2.8	ng	295356	5	13.86	2149280	20.0
Heneicosane	14.64	6.5	ng	381085	6	15.27	1180340	20.0
Hexadecane, 1-iodo-	14.96	8.3	ng	489159	6	15.27	1180340	20.0
Benzo[e]pyrene	15.15	4.5	ng	265353	6	15.27	1180340	20.0
unknown15.72	15.72	5.4	ng	321247	6	15.27	1180340	20.0
Octacosane	16.19	4.6	ng	272088	6	15.27	1180340	20.0