LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115574.D
Acq On : 15 Jul 2019 23:13
Operator : HP/JU
Sample : K3620-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-071219-A

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-BF071219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.199	13	19	26	rVB	911046	1196674	20.67%	2.674%
2	5.498	576	580	584	rBV	2140214	1946437	33.62%	4.349%
3	6.504	746	751	754	rBV	2119230	2038792	35.22%	4.555%
4	6.645	771	775	779	rBV	2232566	2164559	37.39%	4.836%
5	6.881	811	815	818	rBV	1479092	1183686	20.45%	2.645%
6	7.040	838	842	845	rBV	1879365	1700596	29.37%	3.800%
7	7.434	904	909	920	rBV	1456511	1331091	22.99%	2.974%
8	8.163	1028	1033	1036	rBV	1742653	1500310	25.92%	3.352%
9	8.875	1151	1154	1158	rVB	82295	66773	1.15%	0.149%
10	8.975	1167	1171	1178	rBV2	88190	99717	1.72%	0.223%
11	9.234	1211	1215	1226	rBV	2390192	2380947	41.13%	5.320%
12	9.322	1227	1230	1235	rVB2	69505	67916	1.17%	0.152%
13	9.498	1256	1260	1265	rBV2	48854	69094	1.19%	0.154%
14	9.575	1267	1273	1275	rVV	93976	100851	1.74%	0.225%
15	9.628	1279	1282	1287	rVV	244210	268767	4.64%	0.600%
16	9.692	1291	1293	1298	rVB2	47749	61173	1.06%	0.137%
17	9.775	1304	1307	1312	rVB	60918	59142	1.02%	0.132%
18	9.851	1312	1320	1323	rBV	122536	114832	1.98%	0.257%
19	9.916	1325	1331	1335	rBV	1803070	1647469	28.46%	3.681%
20	9.945	1335	1336	1340	rVB	75078	61438	1.06%	0.137%
21	10.351	1402	1405	1408	rVB2	147601	115384	1.99%	0.258%
22	10.463	1420	1424	1430	rVB2	94389	106138	1.83%	0.237%
23	10.575	1437	1443	1448	rBV	74733	94788	1.64%	0.212%
24	10.698	1460	1464	1469	rBV	1386877	1328143	22.94%	2.967%
25	10.822	1482	1485	1493	rVB	190692	229895	3.97%	0.514%
26	11.010	1513	1517	1520	rBV2	53578	70272	1.21%	0.157%
27	11.269	1558	1561	1564	rBV	152998	130612	2.26%	0.292%
28	11.298	1564	1566	1572	rVB2	88240	109993	1.90%	0.246%
29	11.398	1579	1583	1586	rBV	1571432	1496694	25.85%	3.344%
30	11.422	1586	1587	1591	rVV	553436	372755	6.44%	0.833%
31	11.475	1593	1596	1599	rVB	102772	95943	1.66%	0.214%
32	11.698	1631	1634	1636	rBV	165259	138555	2.39%	0.310%
33	11.716	1636	1637	1642	rVB2	86179	93299	1.61%	0.208%
34	11.798	1647	1651	1654	rBV	2233658	1873501	32.36%	4.186%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115574.D
Acq On : 15 Jul 2019 23:13
Operator : HP/JU
Sample : K3620-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-071219-A

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-BF071219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.898	1665	1668	1670	rBV	133636	121930	2.11%	0.272%
36	11.927	1670	1673	1677	rVB	538136	441099	7.62%	0.986%
37	12.010	1684	1687	1690	rBV2	184563	199295	3.44%	0.445%
38	12.033	1690	1691	1696	rVB	133810	100156	1.73%	0.224%
39	12.104	1700	1703	1707	rBV	119183	97999	1.69%	0.219%
40	12.198	1716	1719	1721	rBV	89379	81445	1.41%	0.182%
41	12.451	1758	1762	1764	rBV	142208	145262	2.51%	0.325%
42	12.486	1764	1768	1769	rVV	4529733	4388014	75.80%	9.804%
43	12.510	1769	1772	1778	rVV	5507298	5789278	100.00%	12.935%
44	12.586	1782	1785	1787	rBV	969582	763755	13.19%	1.706%
45	12.610	1787	1789	1791	rVV	479194	414888	7.17%	0.927%
46	12.633	1791	1793	1796	rVB	196532	155457	2.69%	0.347%
47	12.710	1803	1806	1813	rBV3	185569	182848	3.16%	0.409%
48	12.839	1822	1828	1831	rBV	545546	556384	9.61%	1.243%
49	12.980	1849	1852	1856	rBV	1830549	1581858	27.32%	3.534%
50	13.057	1862	1865	1869	rBV2	77862	121991	2.11%	0.273%
51	13.145	1877	1880	1881	rBV3	78561	69559	1.20%	0.155%
52	13.169	1881	1884	1888	rVB2	135861	141001	2.44%	0.315%
53	13.233	1890	1895	1899	rBV2	203461	257178	4.44%	0.575%
54	13.274	1899	1902	1905	rBV2	88938	96054	1.66%	0.215%
55	13.310	1905	1908	1911	rVV	97503	80013	1.38%	0.179%
56	13.392	1920	1922	1926	rVB	83966	70271	1.21%	0.157%
57	13.774	1984	1987	1989	rBV	56827	81181	1.40%	0.181%
58	13.892	2004	2007	2016	rVB7	145975	284486	4.91%	0.636%
59	13.980	2019	2022	2025	rVV	89202	95204	1.64%	0.213%
60	14.033	2026	2031	2034	rVV2	1125866	1328847	22.95%	2.969%
61	14.057	2034	2035	2043	rVB	230728	242528	4.19%	0.542%
62	14.204	2058	2060	2065	rVB4	81385	71750	1.24%	0.160%
63	14.510	2109	2112	2115	rVB2	120381	125759	2.17%	0.281%
64	14.816	2162	2164	2167	rBV	103232	83482	1.44%	0.187%
65	15.074	2205	2208	2218	rVB	165529	378612	6.54%	0.846%
66	15.157	2220	2222	2230	rVB2	156224	186629	3.22%	0.417%
67	15.374	2257	2259	2264	rVB	110822	134095	2.32%	0.300%
68	15.439	2267	2270	2275	rVV	121578	154248	2.66%	0.345%
69	15.504	2277	2281	2285	rVV	777367	1020083	17.62%	2.279%
70	15.539	2285	2287	2294	rVB3	195356	242817	4.19%	0.543%
71	15.980	2360	2362	2369	rVB	114011	156542	2.70%	0.350%

LSC Area Percent Report

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Acq On : 15 Jul 2019 23:13
Operator : HP/JU
Sample : K3620-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-071219-A

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-BF071219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 44758234

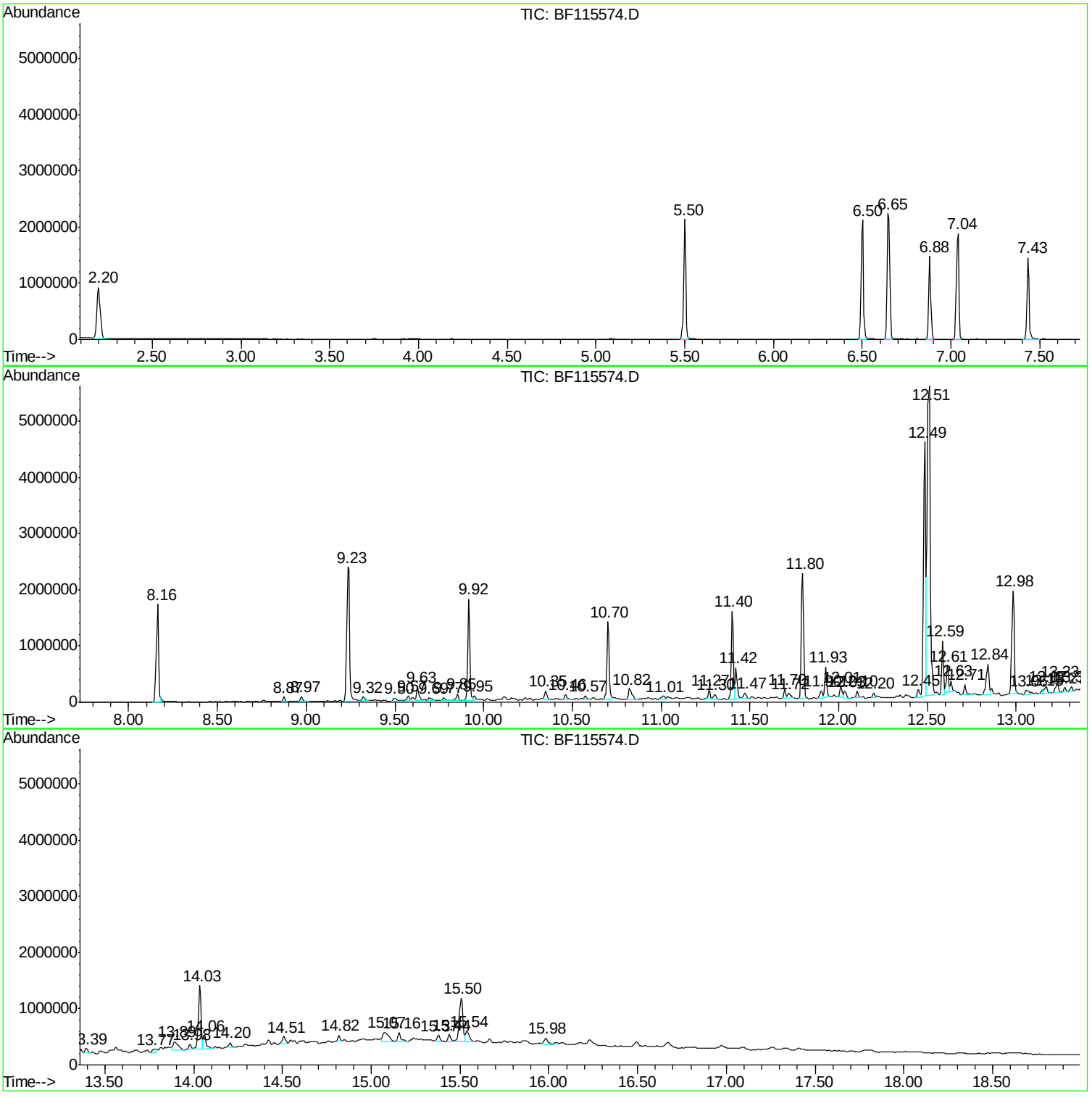
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115574.D
Acq On : 15 Jul 2019 23:13
Operator : HP/JU
Sample : K3620-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-071219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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\BF071519\
Data File : BF115574.D
Acq On : 15 Jul 2019 23:13
Operator : HP/JU
Sample : K3620-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : CL-01-071219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

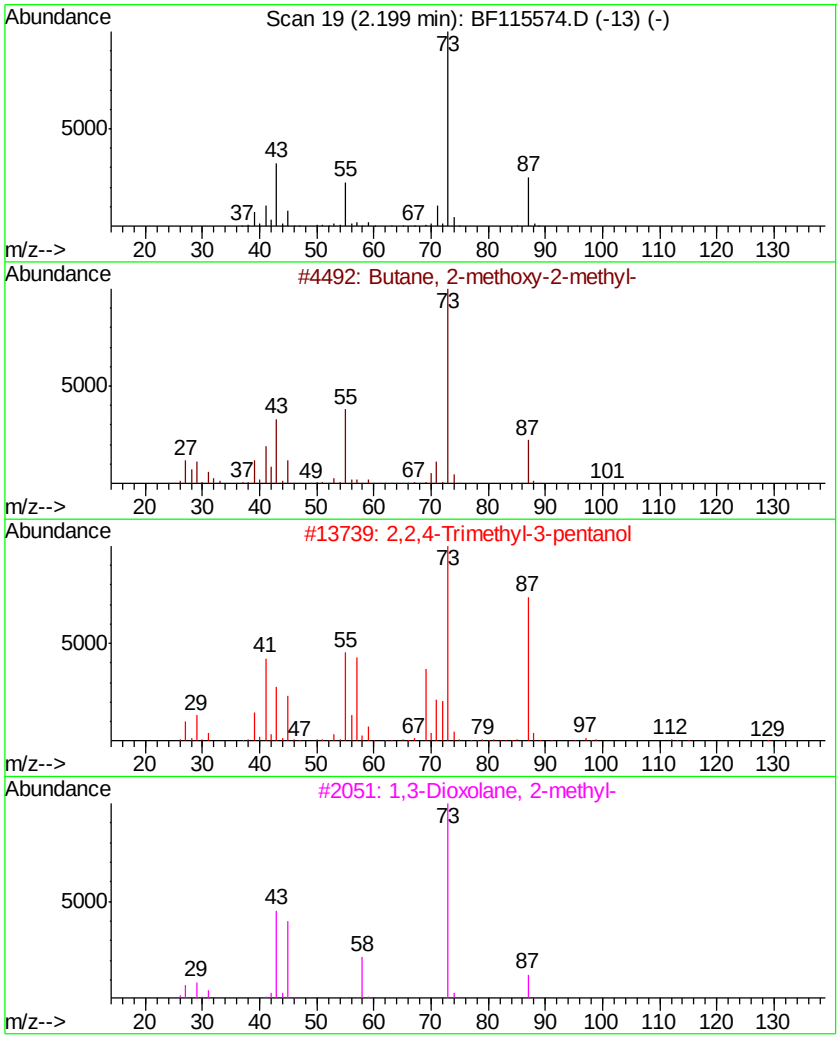
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

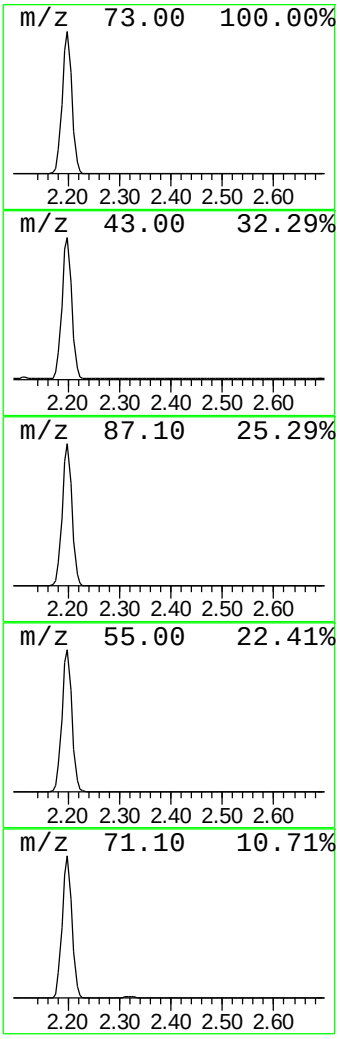
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	20.22 ng	1196670	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115574.D
Acq On : 15 Jul 2019 23:13
Operator : HP/JU
Sample : K3620-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-071219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

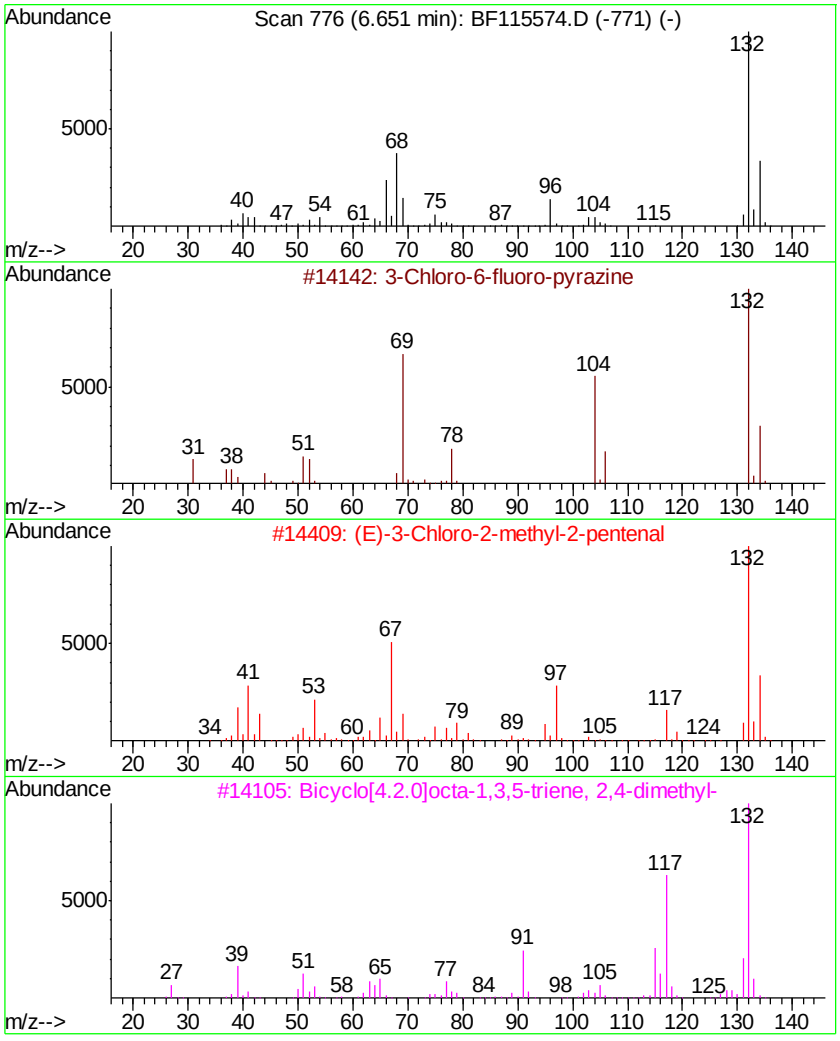
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

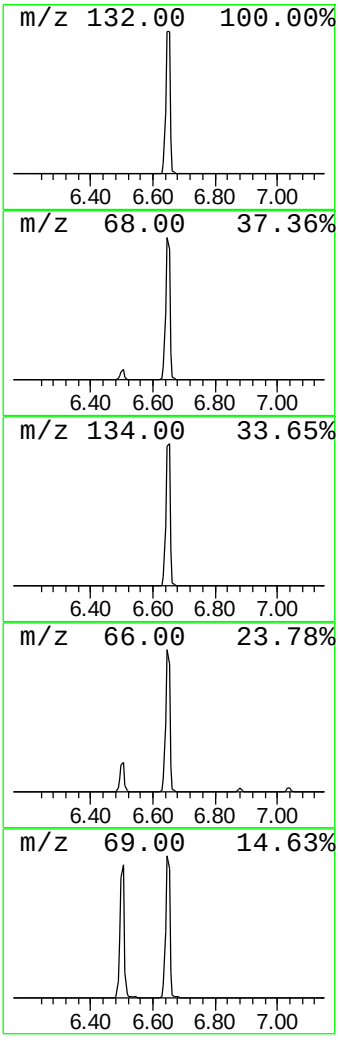
****

Peak Number 2 unknown6.65 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	36.57 ng	2164560	1,4-Dichlorobenzene-d4	6.88

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	27
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115574.D
Acq On : 15 Jul 2019 23:13
Operator : HP/JU
Sample : K3620-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-071219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

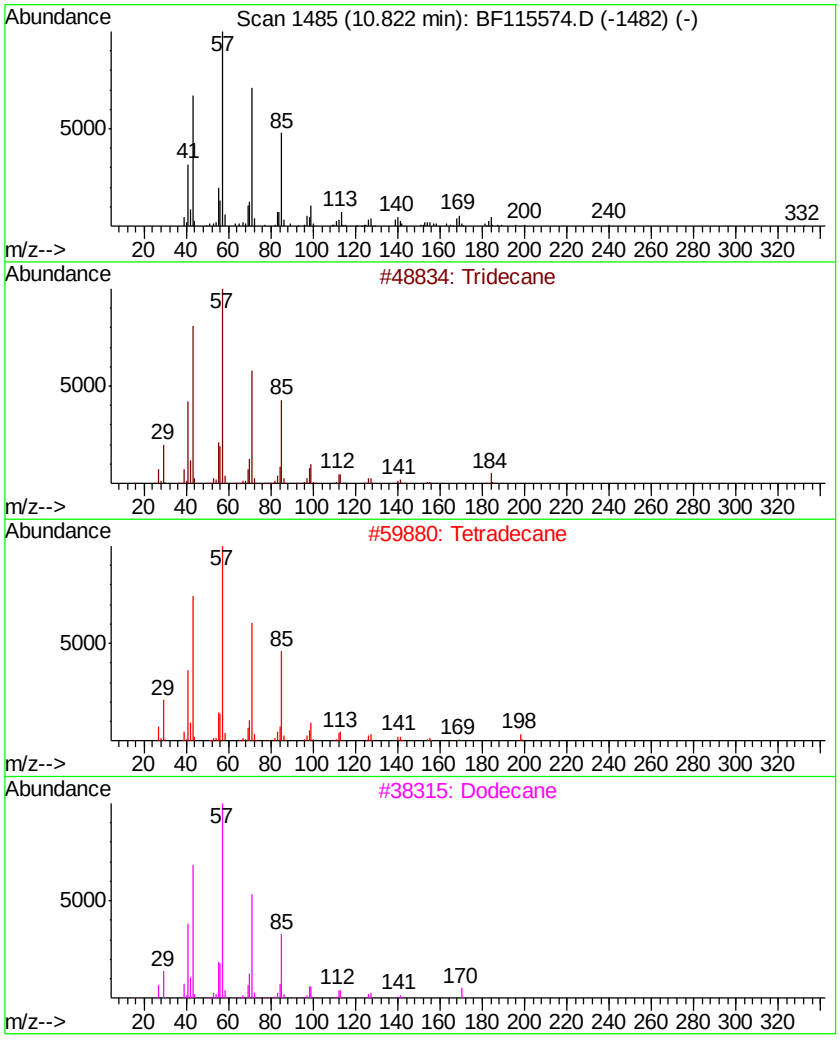
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

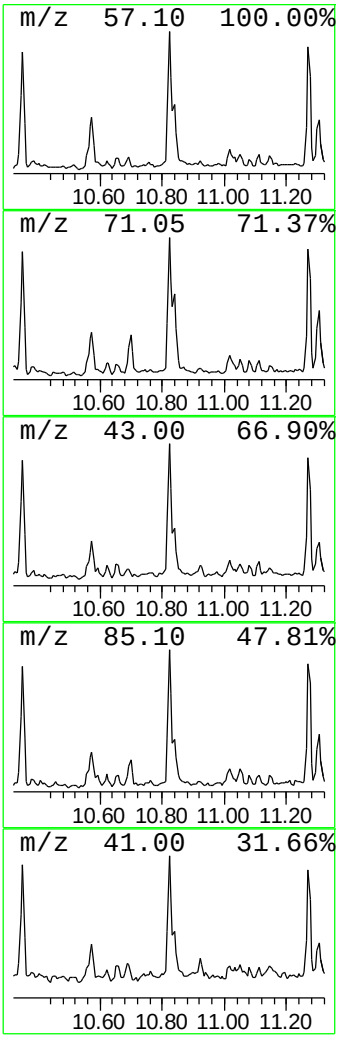
****

Peak Number 4 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	3.07 ng	229895	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Tetradecane	198	C14H30	000629-59-4	83
3	Dodecane	170	C12H26	000112-40-3	80
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	9-methylheptadecane	254	C18H38	026741-18-4	72





Library Search Compound Report

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-071219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

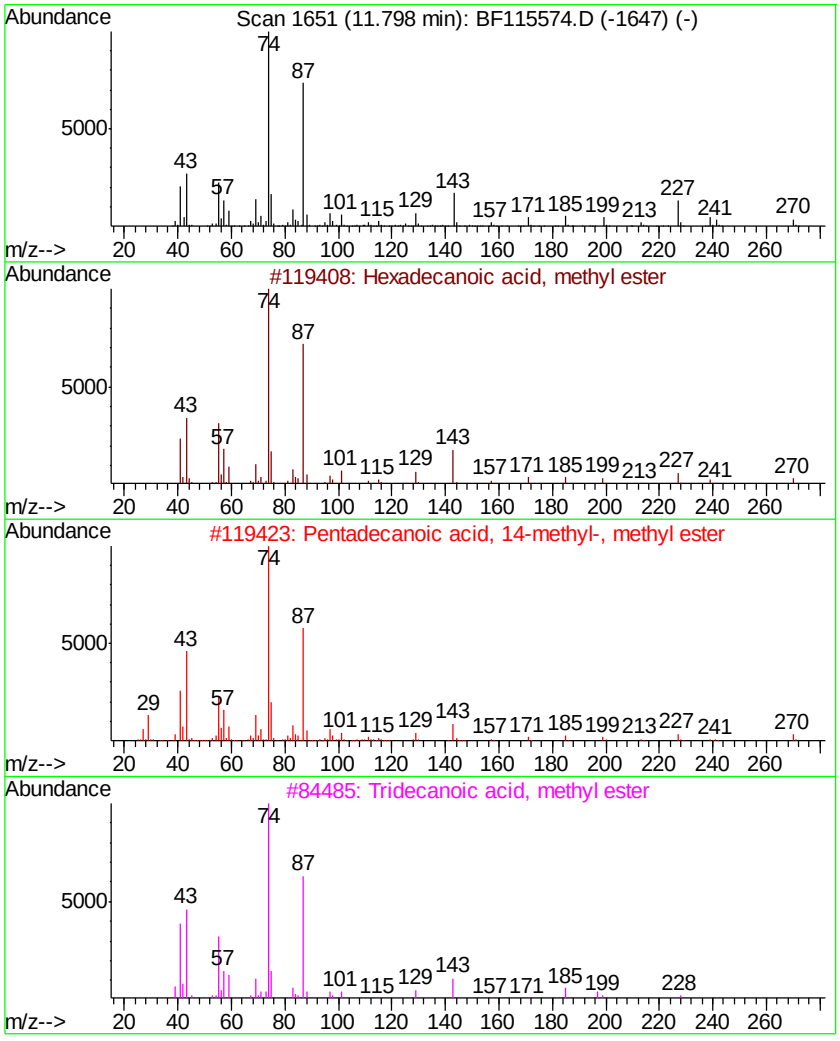
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

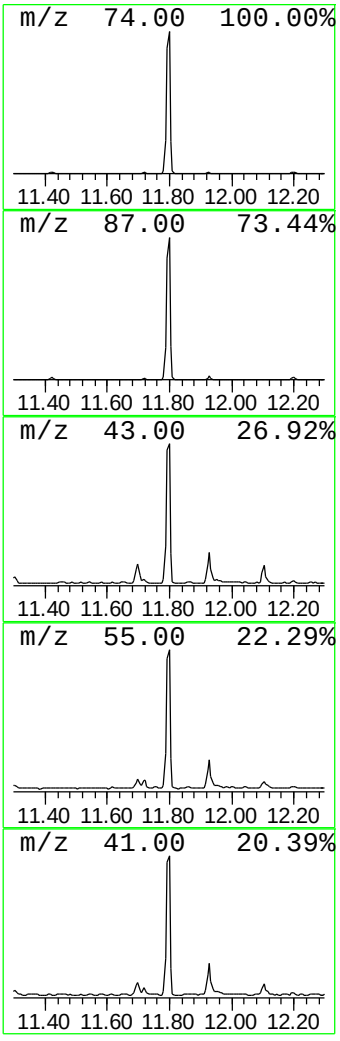
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	25.04 ng	1873500	Phenanthrene-d10	11.40

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	92
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	86





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Data File : BF115574.D
Acq On : 15 Jul 2019 23:13
Operator : HP/JU
Sample : K3620-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-071219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

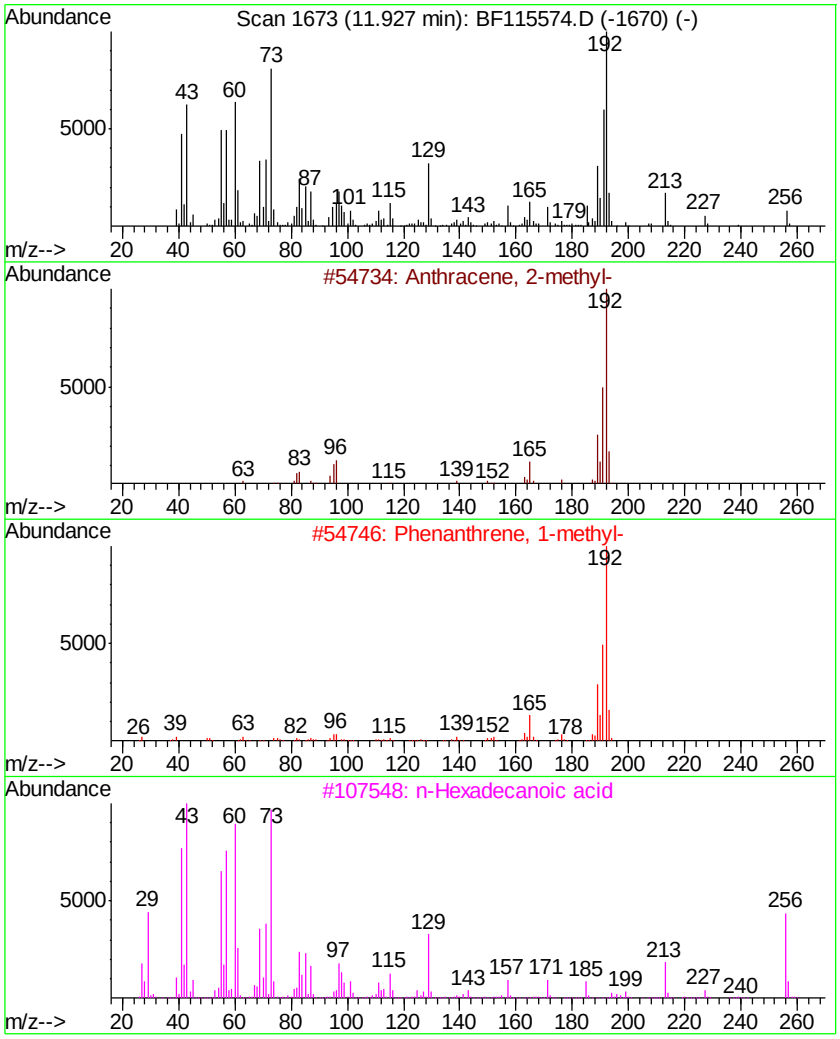
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

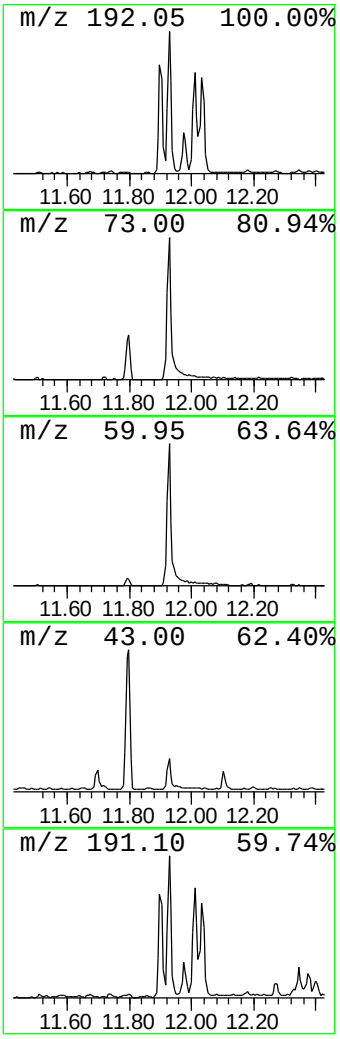
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	5.89 ng	441099	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Library Search Compound Report

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Data File : BF115574.D
Acq On : 15 Jul 2019 23:13
Operator : HP/JU
Sample : K3620-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-071219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

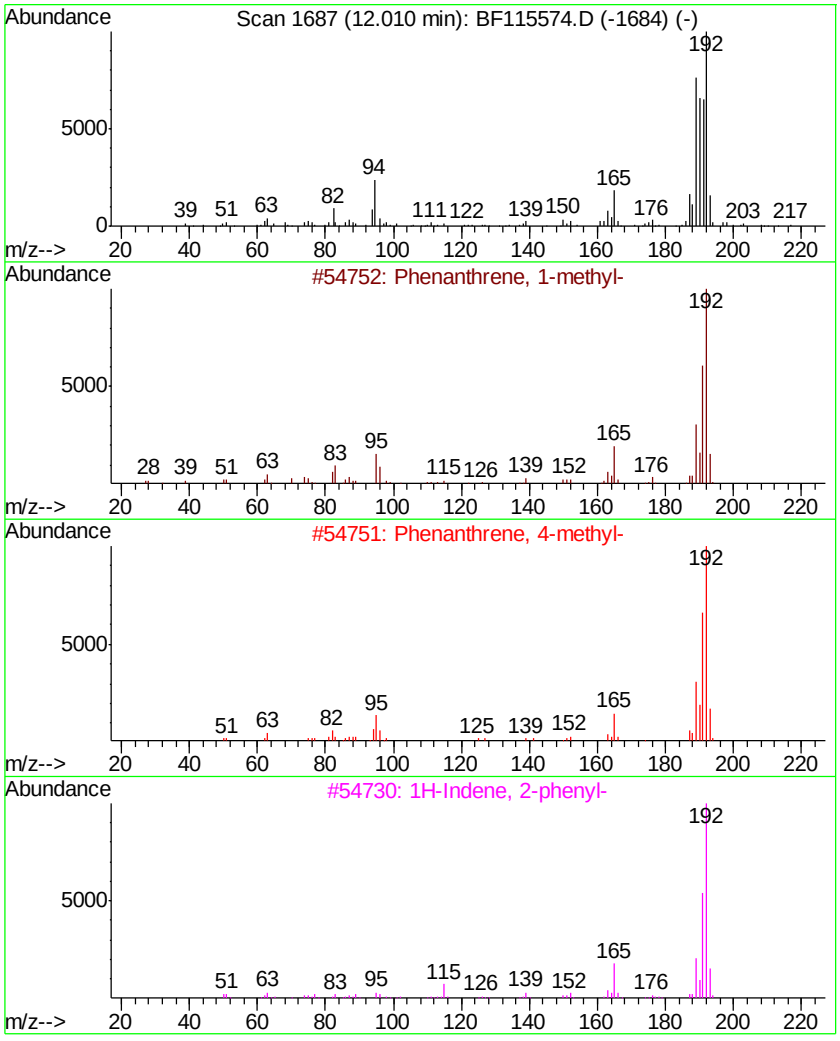
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

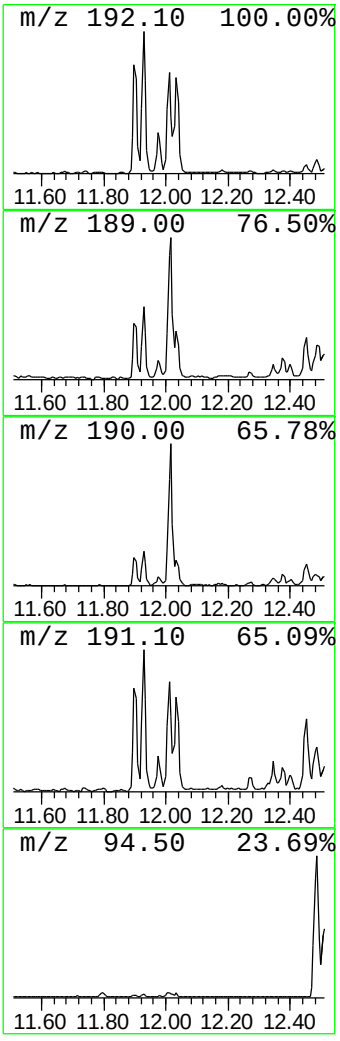
****

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	2.66 ng	199295	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	50
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	50
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	50





Library Search Compound Report

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Data File : BF115574.D
Acq On : 15 Jul 2019 23:13
Operator : HP/JU
Sample : K3620-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : CL-01-071219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

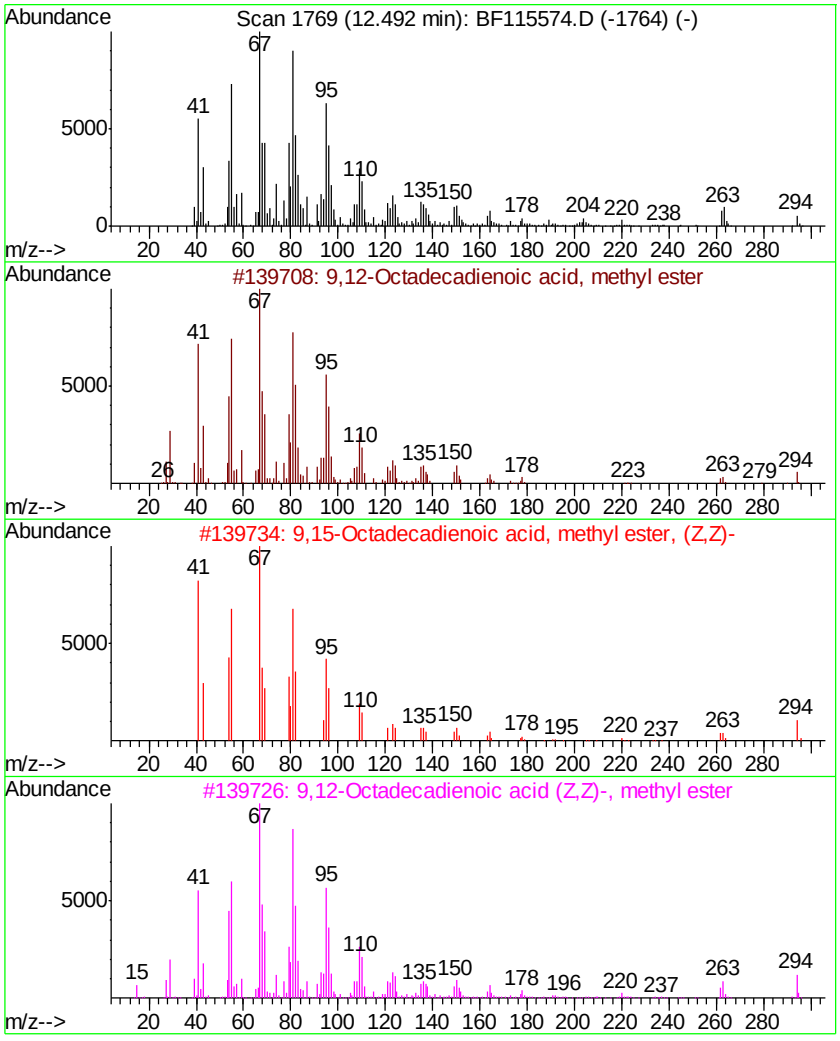
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

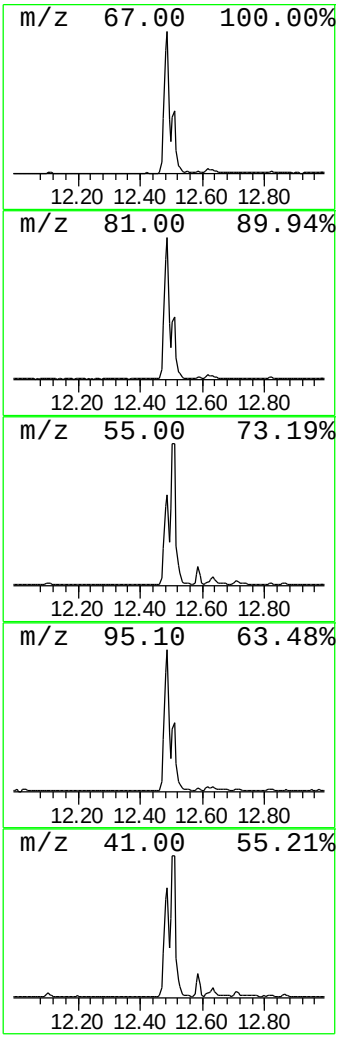
****

Peak Number 8 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	58.64 ng	4388010	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98





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Data File : BF115574.D
Acq On : 15 Jul 2019 23:13
Operator : HP/JU
Sample : K3620-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-071219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

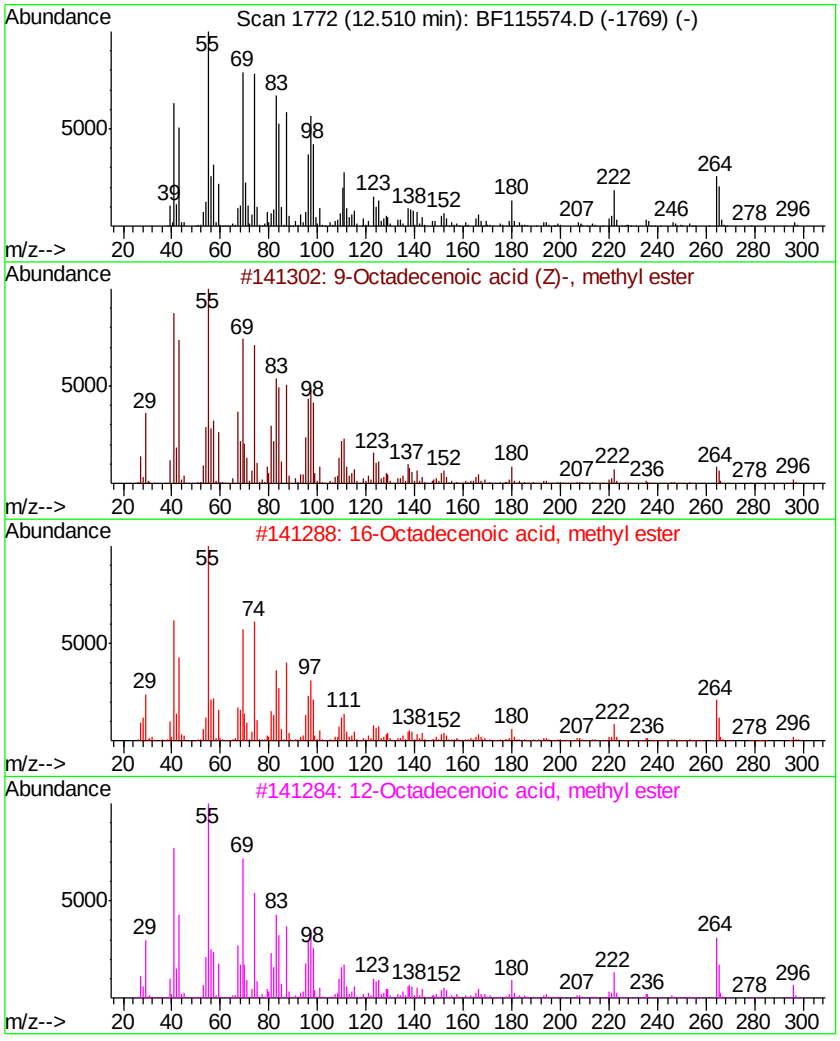
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

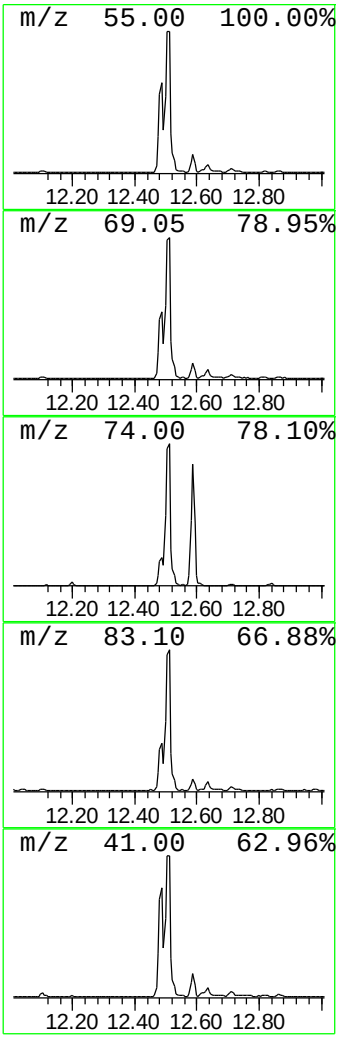
****

Peak Number 9 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	77.36 ng	5789280	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	95
3	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	94
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	93
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91





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Instrument : BNA_F
ClientSampleId : CL-01-071219-A

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TIC Integration Parameters: LSCINT.P

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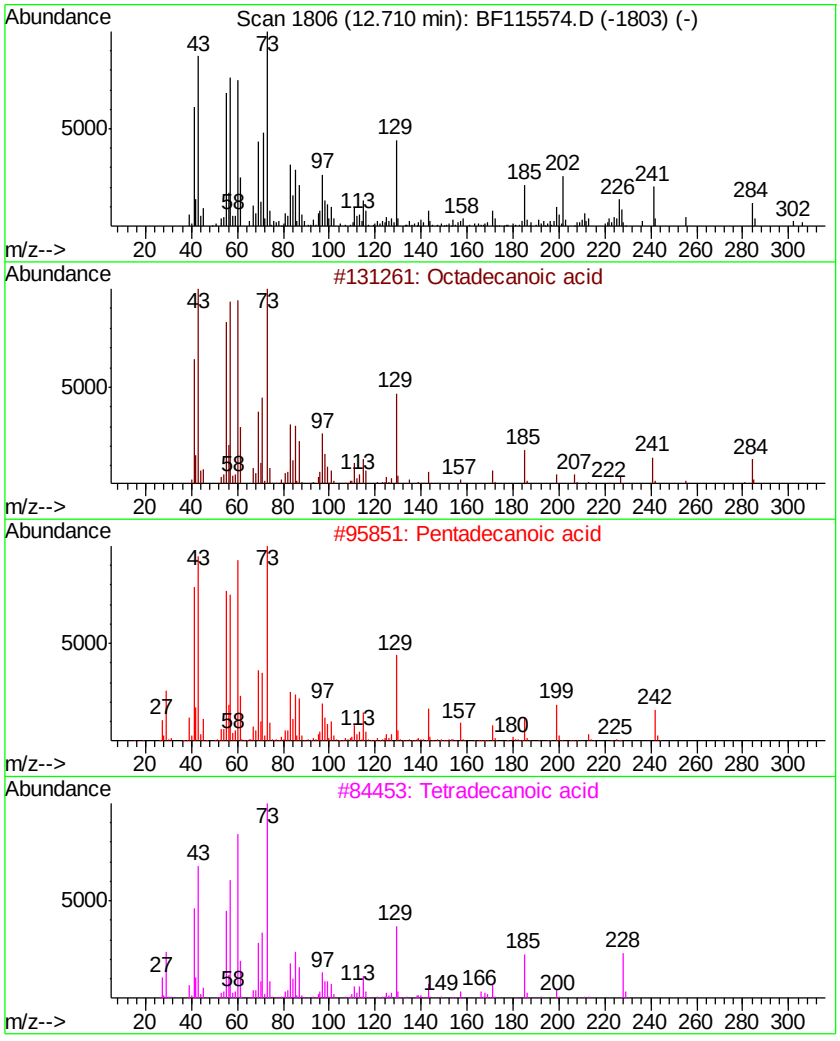
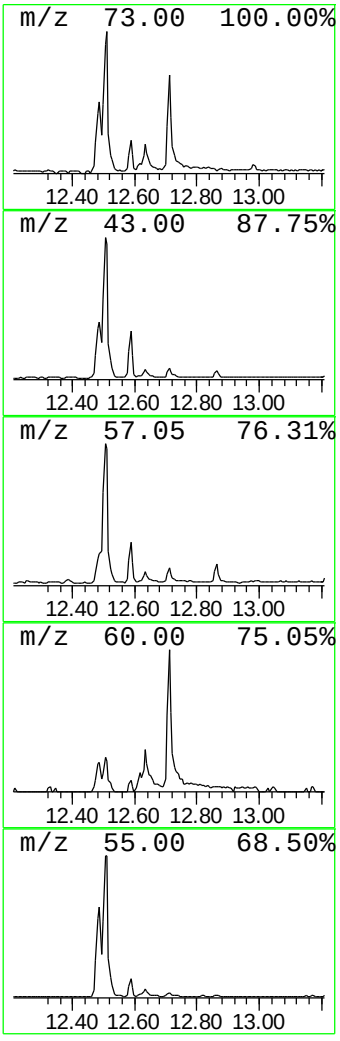
Peak Number 10 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	2.44 ng	182848	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





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Sample : K3620-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-071219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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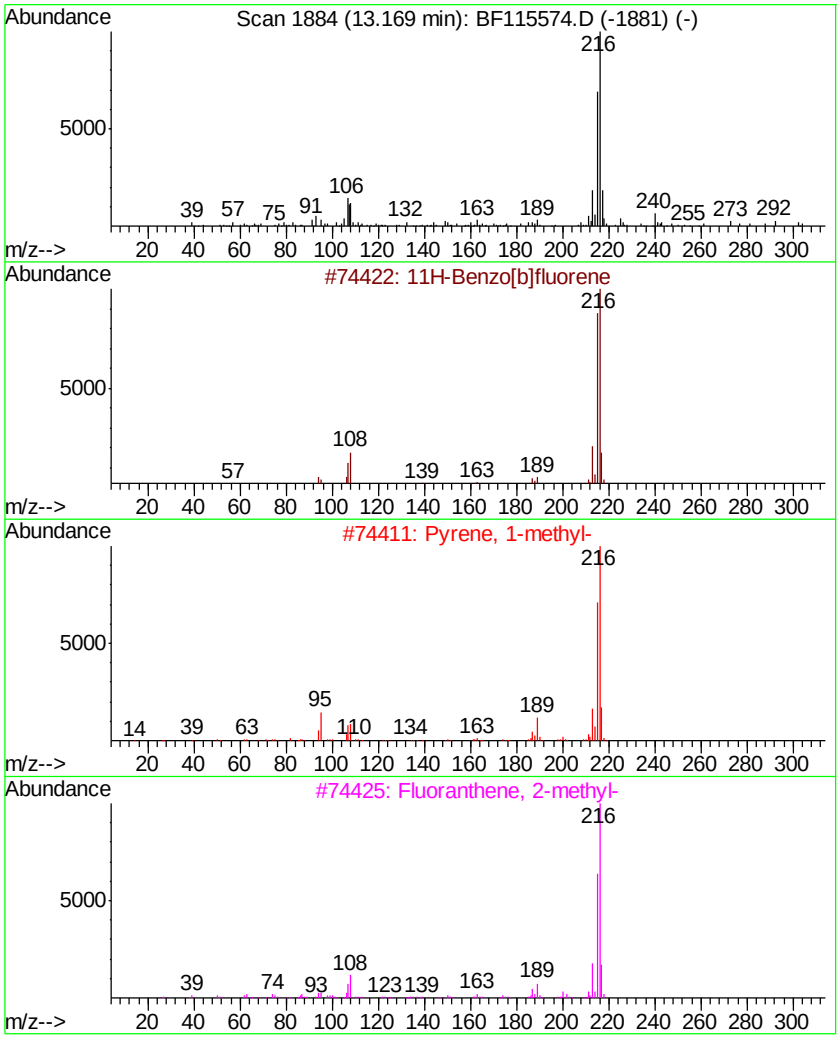
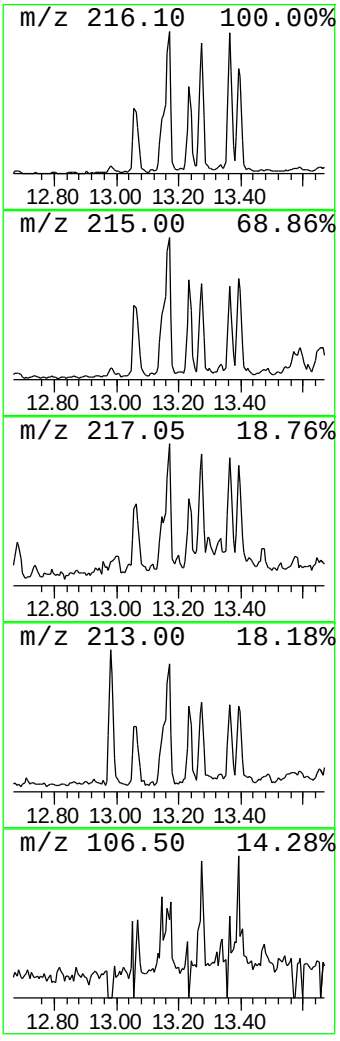
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.12 ng	141001	Chrysene-d12	14.03

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	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	80





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Acq On : 15 Jul 2019 23:13
Operator : HP/JU
Sample : K3620-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-071219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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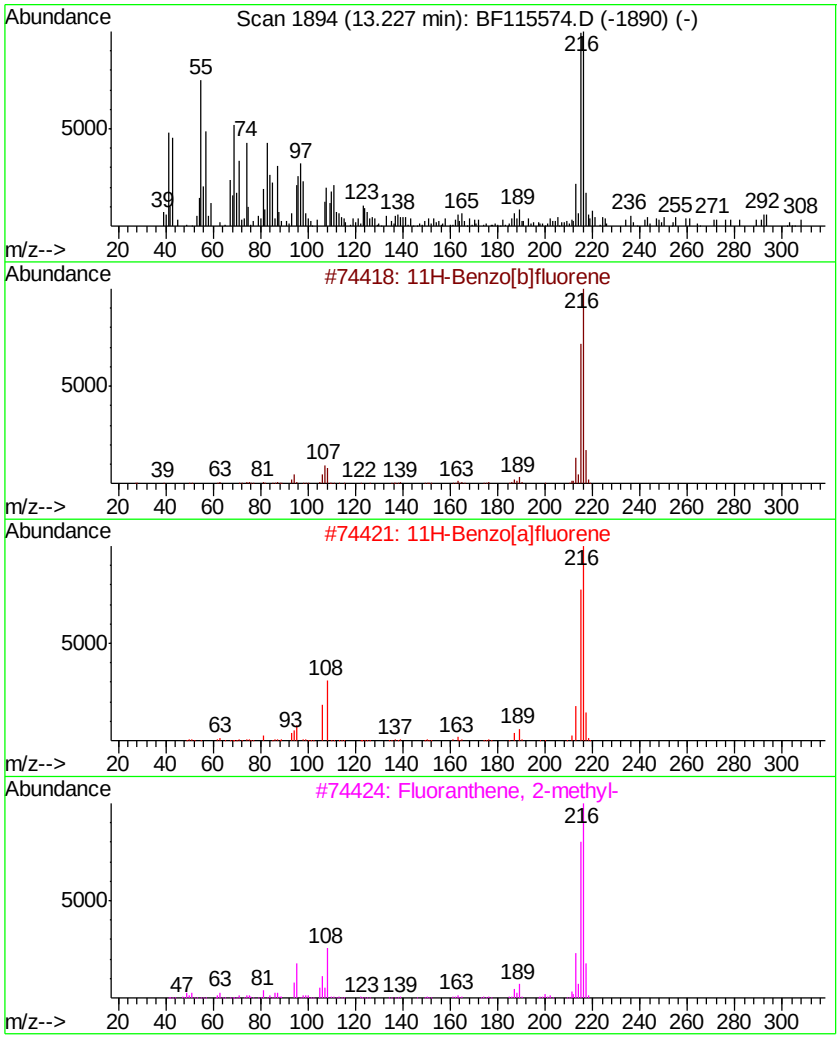
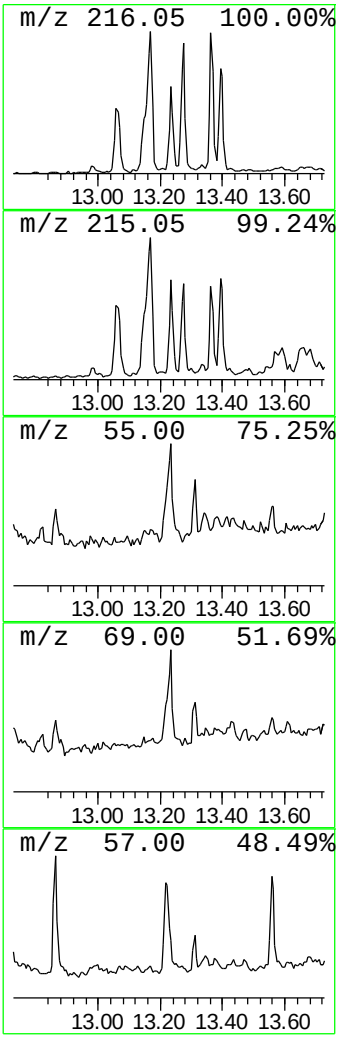
Peak Number 12 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	3.87 ng	257178	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	62
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	52
4	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	52
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	50





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Acq On : 15 Jul 2019 23:13
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Sample : K3620-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-071219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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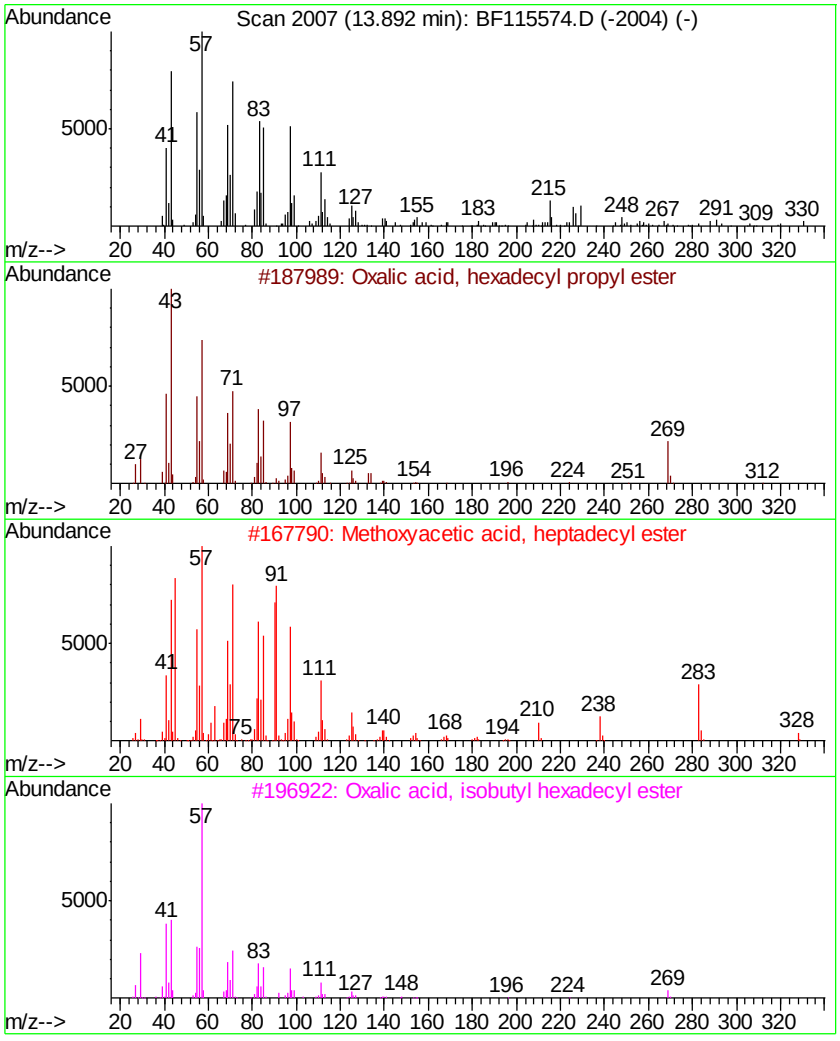
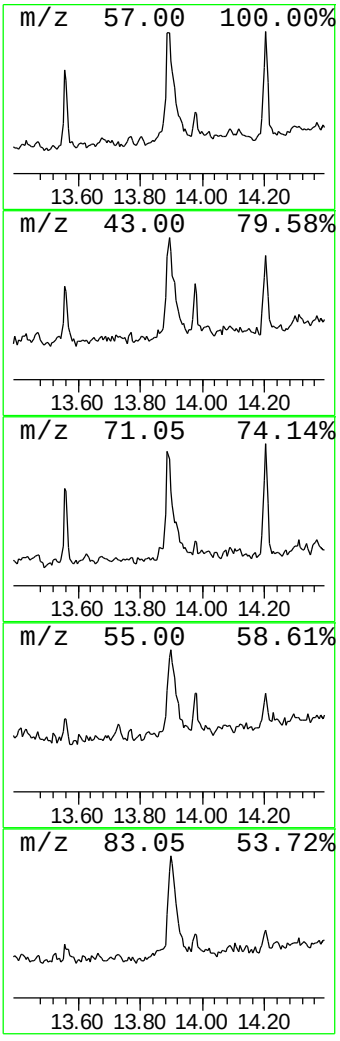
Peak Number 13 Oxalic acid, hexadecyl prop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	4.28 ng	284486	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	87
2	Methoxyacetic acid, heptadecyl e...	328	C20H40O3	1000282-99-1	83
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	83
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	81
5	Hexadecane	226	C16H34	000544-76-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115574.D
Acq On : 15 Jul 2019 23:13
Operator : HP/JU
Sample : K3620-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-071219-A

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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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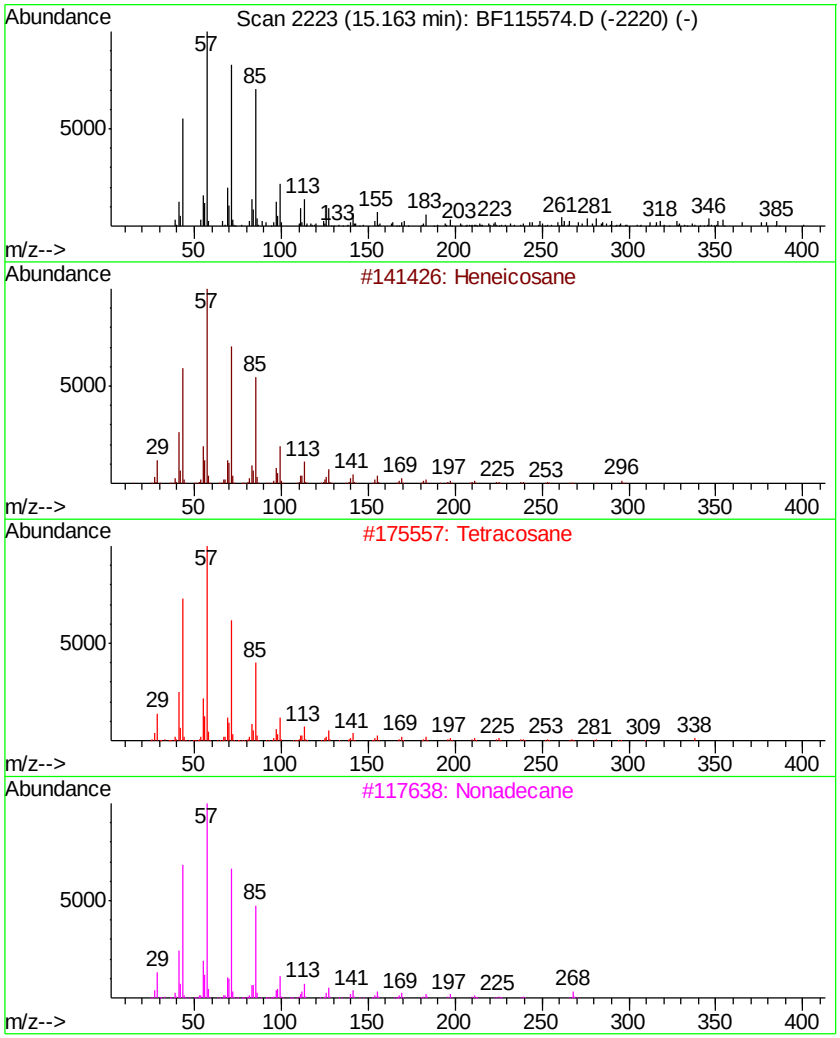
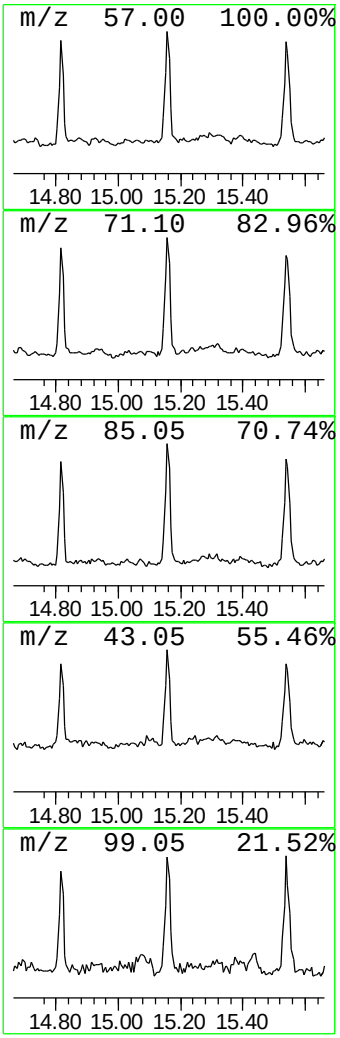
Peak Number 14 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	3.66 ng	186629	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Tetracosane	338	C24H50	000646-31-1	95
3	Nonadecane	268	C19H40	000629-92-5	86
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
5	Hentriacontane	437	C31H64	000630-04-6	74





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Sample : K3620-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-071219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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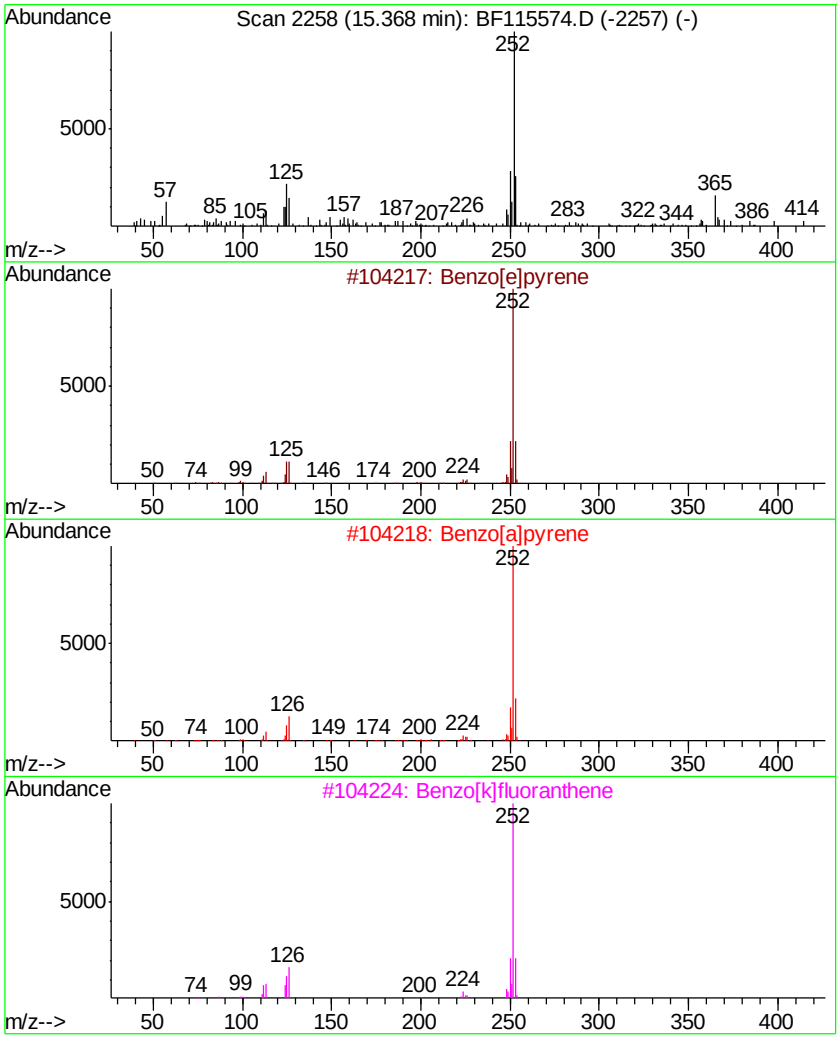
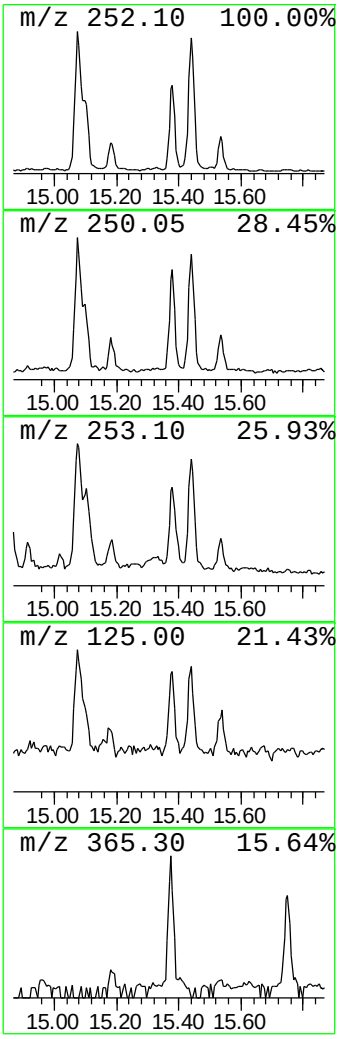
Peak Number 15 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	2.63 ng	134095	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Perylene	252	C20H12	000198-55-0	90
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89





Library Search Compound Report

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Sample : K3620-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : CL-01-071219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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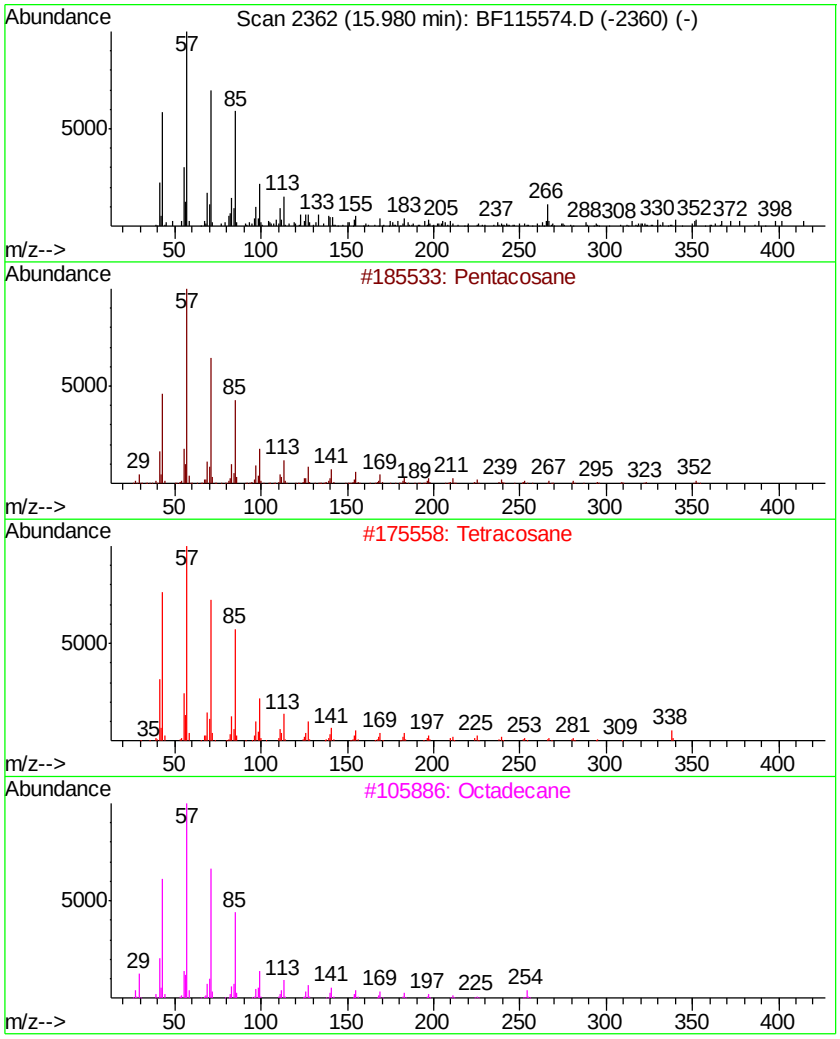
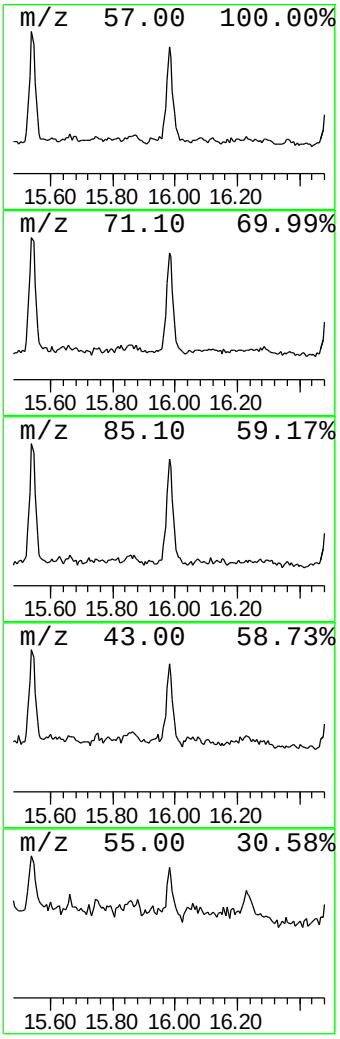
Peak Number 16 Pentacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	3.07 ng	156542	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Octadecane	254	C18H38	000593-45-3	87
4	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	80
5	Docosane	310	C22H46	000629-97-0	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071519\
Data File : BF115574.D
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Sample : K3620-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : CL-01-071219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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
Butane, 2-methoxy...	2.20	20.2	ng	1196670	1	6.88	1183690	20.0
unknown6.65	6.65	36.6	ng	2164560	1	6.88	1183690	20.0
Tridecane	10.82	3.1	ng	229895	4	11.40	1496690	20.0
Hexadecanoic acid...	11.80	25.0	ng	1873500	4	11.40	1496690	20.0
Anthracene, 2-met...	11.93	5.9	ng	441099	4	11.40	1496690	20.0
Phenanthrene, 1-m...	12.01	2.7	ng	199295	4	11.40	1496690	20.0
9,12-Octadecadien...	12.49	58.6	ng	4388010	4	11.40	1496690	20.0
9-Octadecenoic ac...	12.51	77.4	ng	5789280	4	11.40	1496690	20.0
Octadecanoic acid	12.71	2.4	ng	182848	4	11.40	1496690	20.0
11H-Benzo[b]fluorene	13.17	2.1	ng	141001	5	14.03	1328850	20.0
11H-Benzo[a]fluorene	13.23	3.9	ng	257178	5	14.03	1328850	20.0
Oxalic acid, hexa...	13.89	4.3	ng	284486	5	14.03	1328850	20.0
Heneicosane	15.16	3.7	ng	186629	6	15.50	1020080	20.0
Benzo[e]pyrene	15.37	2.6	ng	134095	6	15.50	1020080	20.0
Pentacosane	15.98	3.1	ng	156542	6	15.50	1020080	20.0