LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
Data File : BF112159.D
Acq On : 21 Jan 2019 15:28
Operator : JU/SJ
Sample : K1009-07 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-011819-D

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-BF011619.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	2.116	3	5	14	rVB	91298	119678	2.43%	0.230%
2	5.063	502	506	514	rVB	124482	143273	2.91%	0.275%
3	5.487	574	578	590	rBV	2959377	2700741	54.93%	5.184%
4	6.493	745	749	760	rBV	2827743	2736913	55.67%	5.253%
5	6.628	768	772	779	rBV	3560665	2952215	60.05%	5.667%
6	6.851	807	810	817	rBV	1739942	1510422	30.72%	2.899%
7	7.010	833	837	840	rBV	2847363	2333426	47.46%	4.479%
8	7.410	901	905	916	rVB	1952608	1651166	33.59%	3.169%
9	8.134	1023	1028	1031	rBV	2159701	1831031	37.24%	3.515%
10	8.157	1031	1032	1035	rVB	132818	73035	1.49%	0.140%
11	8.845	1146	1149	1154	rVB	196398	166402	3.38%	0.319%
12	8.945	1162	1166	1170	rBV	185298	173263	3.52%	0.333%
13	9.210	1207	1211	1214	rBV	3155486	2809372	57.14%	5.392%
14	9.292	1221	1225	1227	rBV	80320	82195	1.67%	0.158%
15	9.475	1252	1256	1260	rBV2	112288	146852	2.99%	0.282%
16	9.545	1265	1268	1271	rVV	177853	177967	3.62%	0.342%
17	9.575	1271	1273	1275	rVV	121275	99294	2.02%	0.191%
18	9.598	1275	1277	1281	rVB	197360	186070	3.78%	0.357%
19	9.663	1286	1288	1298	rVB2	102752	148870	3.03%	0.286%
20	9.751	1300	1303	1307	rBV	123550	118963	2.42%	0.228%
21	9.822	1307	1315	1318	rBV2	102446	119796	2.44%	0.230%
22	9.892	1323	1327	1330	rVV	1755807	1702548	34.63%	3.268%
23	9.922	1330	1332	1336	rVB2	110429	90357	1.84%	0.173%
24	9.992	1341	1344	1348	rBV2	60342	78213	1.59%	0.150%
25	10.092	1357	1361	1365	rVB	113645	126951	2.58%	0.244%
26	10.134	1365	1368	1374	rBV2	89653	89361	1.82%	0.172%
27	10.204	1377	1380	1383	rBV2	90123	94803	1.93%	0.182%
28	10.298	1392	1396	1397	rBV2	56132	69950	1.42%	0.134%
29	10.316	1397	1399	1402	rVB	163194	133253	2.71%	0.256%
30	10.434	1416	1419	1426	rVB2	167287	187946	3.82%	0.361%
31	10.539	1436	1437	1442	rVB2	57825	57958	1.18%	0.111%
32	10.681	1457	1461	1472	rVB	1571216	1524279	31.00%	2.926%
33	10.792	1477	1480	1487	rBV2	148285	222455	4.52%	0.427%
34	10.986	1508	1513	1515	rBV2	97267	127277	2.59%	0.244%

LSC Area Percent Report

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Acq On : 21 Jan 2019 15:28
Operator : JU/SJ
Sample : K1009-07 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-011819-D

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-BF011619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.016	1515	1518	1521	rVB2	74875	78848	1.60%	0.151%
36	11.116	1530	1535	1537	rBV5	50994	76620	1.56%	0.147%
37	11.239	1551	1556	1558	rBV2	125629	130692	2.66%	0.251%
38	11.269	1558	1561	1566	rVB	140155	161818	3.29%	0.311%
39	11.375	1575	1579	1581	rBV	1761551	1511823	30.75%	2.902%
40	11.398	1581	1583	1587	rVV	858286	712540	14.49%	1.368%
41	11.451	1589	1592	1595	rVB	234688	190771	3.88%	0.366%
42	11.486	1595	1598	1601	rBV2	65827	79606	1.62%	0.153%
43	11.616	1616	1620	1626	rBV5	42072	91458	1.86%	0.176%
44	11.663	1626	1628	1631	rVB2	121332	102108	2.08%	0.196%
45	11.710	1633	1636	1641	rVB	80334	88545	1.80%	0.170%
46	11.763	1642	1645	1648	rBV	1386629	1058414	21.53%	2.032%
47	11.875	1661	1664	1667	rBV	230178	247726	5.04%	0.475%
48	11.904	1667	1669	1672	rVV	373519	350363	7.13%	0.673%
49	11.951	1675	1677	1680	rVV	122381	123474	2.51%	0.237%
50	11.986	1680	1683	1686	rVV2	371369	439990	8.95%	0.845%
51	12.010	1686	1687	1691	rVB	220074	160211	3.26%	0.308%
52	12.075	1695	1698	1702	rVB2	101703	108701	2.21%	0.209%
53	12.169	1711	1714	1717	rBV	142962	132928	2.70%	0.255%
54	12.351	1743	1745	1748	rBV	100189	98146	2.00%	0.188%
55	12.428	1754	1758	1759	rBV	282101	280360	5.70%	0.538%
56	12.451	1759	1762	1764	rVV	5526674	4916276	100.00%	9.437%
57	12.475	1764	1766	1771	rVV	3350781	3004574	61.11%	5.767%
58	12.516	1771	1773	1777	rVB3	85472	112238	2.28%	0.215%
59	12.557	1777	1780	1783	rVB	692547	528108	10.74%	1.014%
60	12.592	1783	1786	1789	rBV	1311489	1132724	23.04%	2.174%
61	12.745	1809	1812	1814	rBV2	69550	76928	1.56%	0.148%
62	12.822	1819	1825	1831	rVB	1341335	1452558	29.55%	2.788%
63	12.957	1844	1848	1851	rBV	2777197	2297936	46.74%	4.411%
64	13.039	1859	1862	1869	rVB5	145933	239967	4.88%	0.461%
65	13.122	1873	1876	1877	rBV2	119013	114953	2.34%	0.221%
66	13.145	1878	1880	1884	rVB	307171	310728	6.32%	0.596%
67	13.216	1889	1892	1894	rVB	209710	187888	3.82%	0.361%
68	13.251	1896	1898	1901	rVV2	191560	162896	3.31%	0.313%
69	13.345	1911	1914	1916	rBV	184028	140713	2.86%	0.270%
70	13.374	1916	1919	1923	rBV	188008	186643	3.80%	0.358%
71	13.851	1997	2000	2007	rVB3	354953	455782	9.27%	0.875%

LSC Area Percent Report

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Acq On : 21 Jan 2019 15:28
Operator : JU/SJ
Sample : K1009-07 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-011819-D

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-BF011619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.016	2024	2028	2031	rBV2	1811567	2205569	44.86%	4.233%
73	14.045	2031	2033	2036	rVB	600701	467106	9.50%	0.897%
74	14.480	2105	2107	2110	rBV2	214302	171271	3.48%	0.329%
75	15.063	2203	2206	2209	rBV	371087	487163	9.91%	0.935%
76	15.121	2214	2216	2221	rVB	348960	354363	7.21%	0.680%
77	15.427	2265	2268	2273	rVB	351557	440813	8.97%	0.846%
78	15.498	2275	2280	2291	rVV	1029489	1639469	33.35%	3.147%

Sum of corrected areas: 52098103

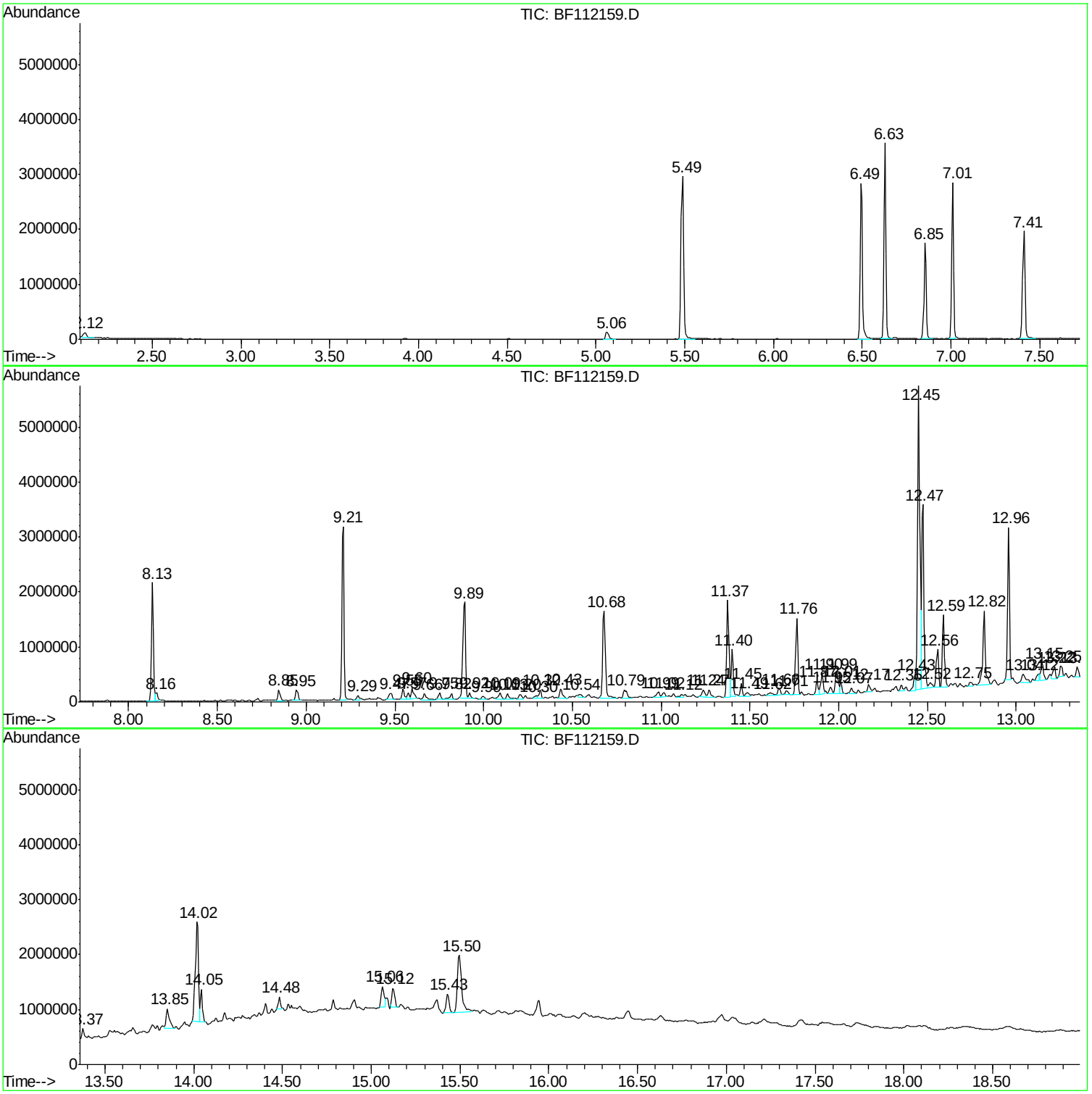
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
Data File : BF112159.D
Acq On : 21 Jan 2019 15:28
Operator : JU/SJ
Sample : K1009-07 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-011819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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\BF012119\
Data File : BF112159.D
Acq On : 21 Jan 2019 15:28
Operator : JU/SJ
Sample : K1009-07 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-011819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

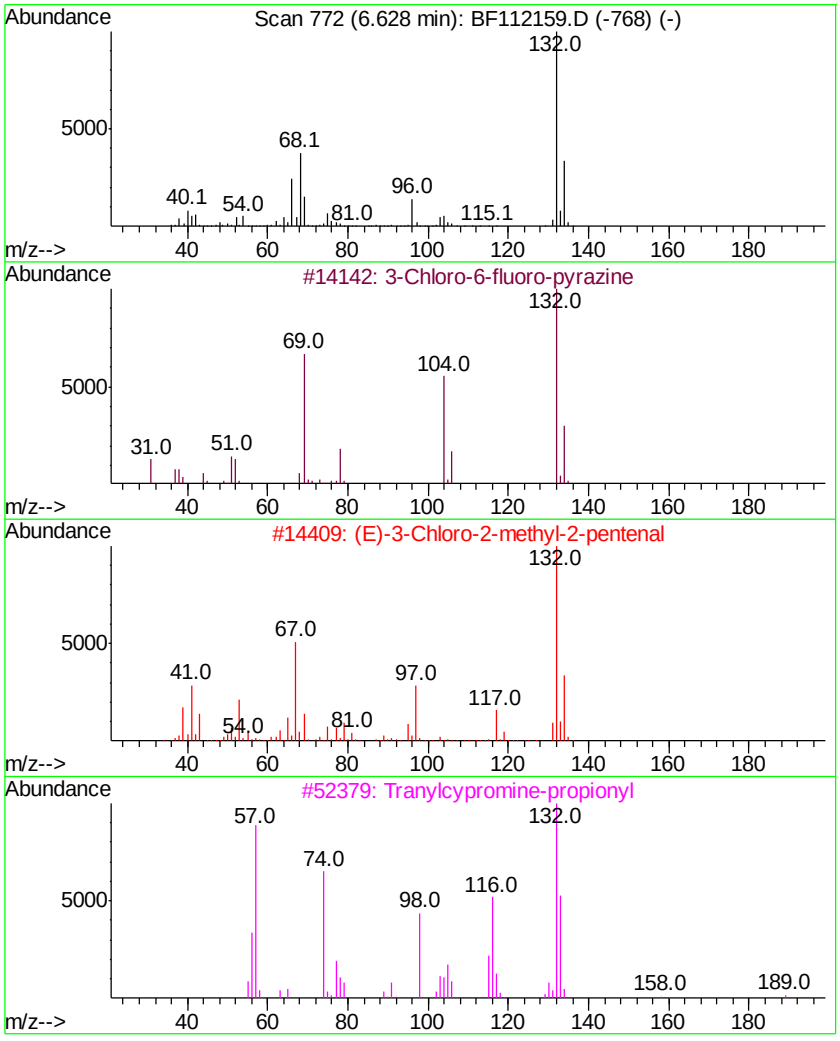
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

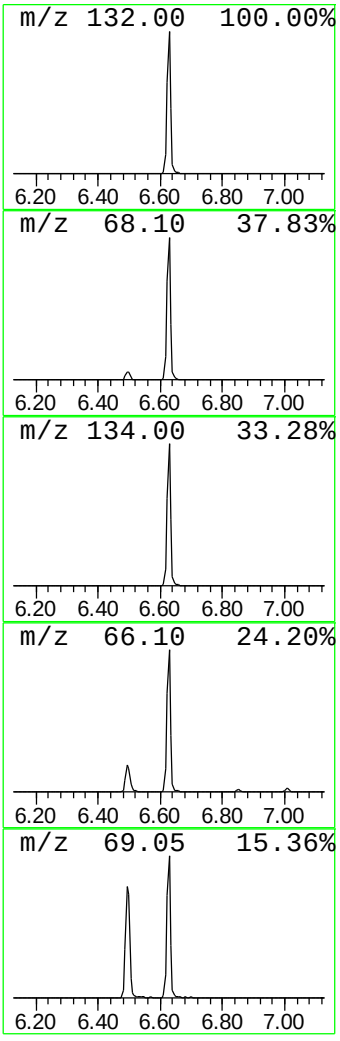
****

Peak Number 1 unknown6.63 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	39.09 ng	2952220	1,4-Dichlorobenzene-d4	6.85

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	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
Data File : BF112159.D
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Sample : K1009-07 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-011819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

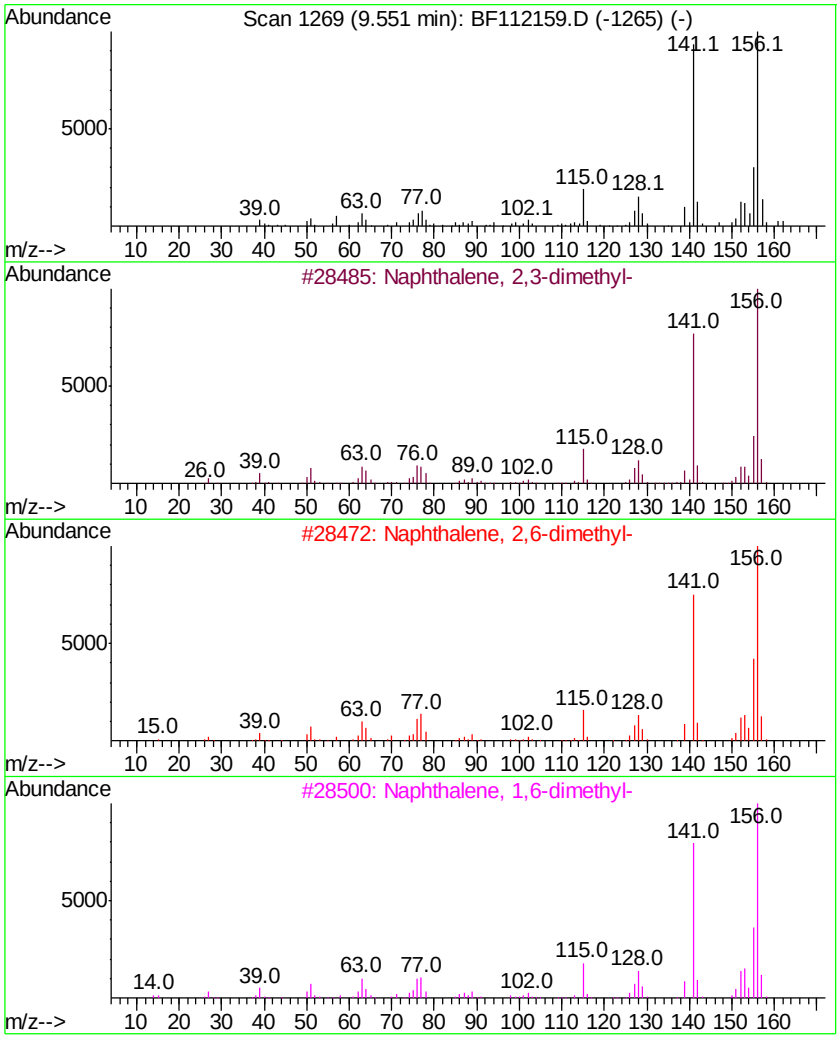
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

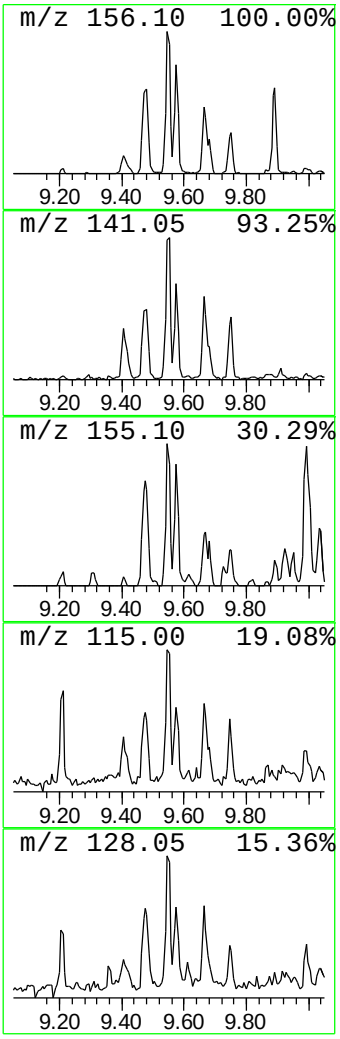
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	2.09 ng	177967	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
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Sample : K1009-07 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-011819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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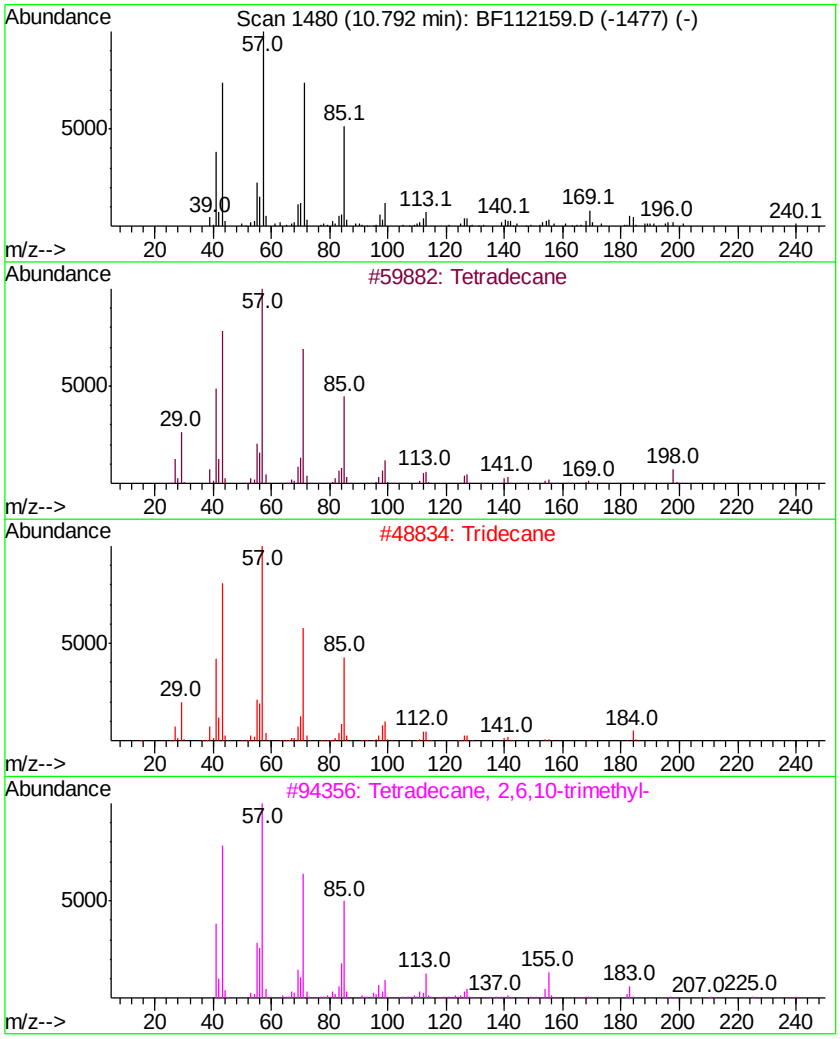
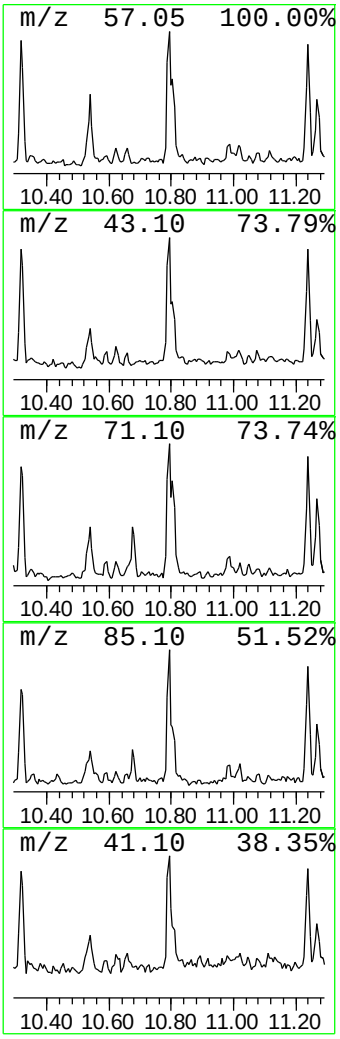
****

Peak Number 5 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	2.94 ng	222455	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Tridecane	184	C13H28	000629-50-5	87
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
4	Tetracosane	338	C24H50	000646-31-1	86
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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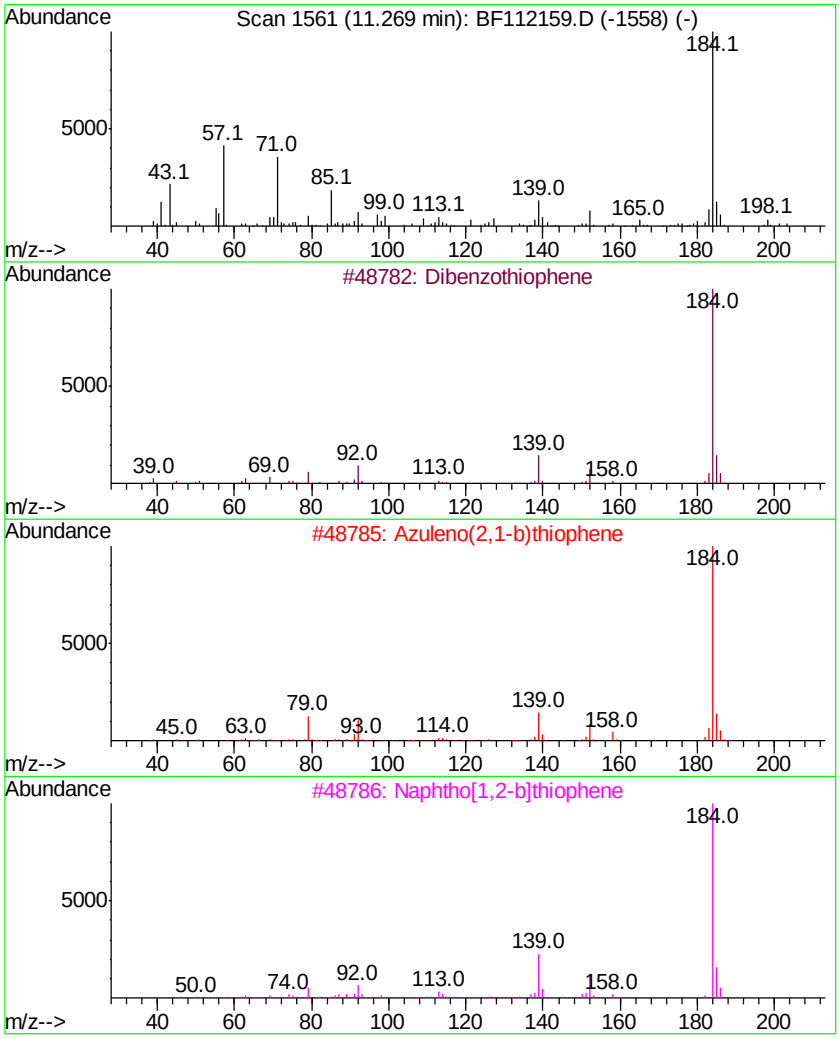
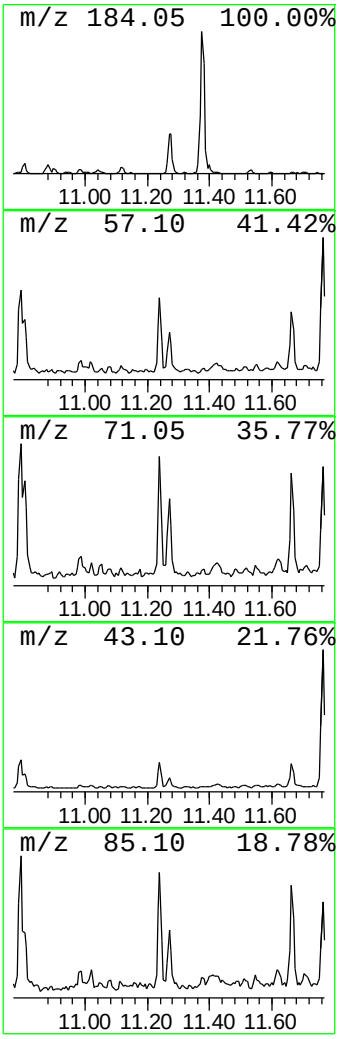
Peak Number 6 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	2.14 ng	161818	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	89
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	89
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	76
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	76





Library Search Compound Report

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Sample : K1009-07 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-011819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

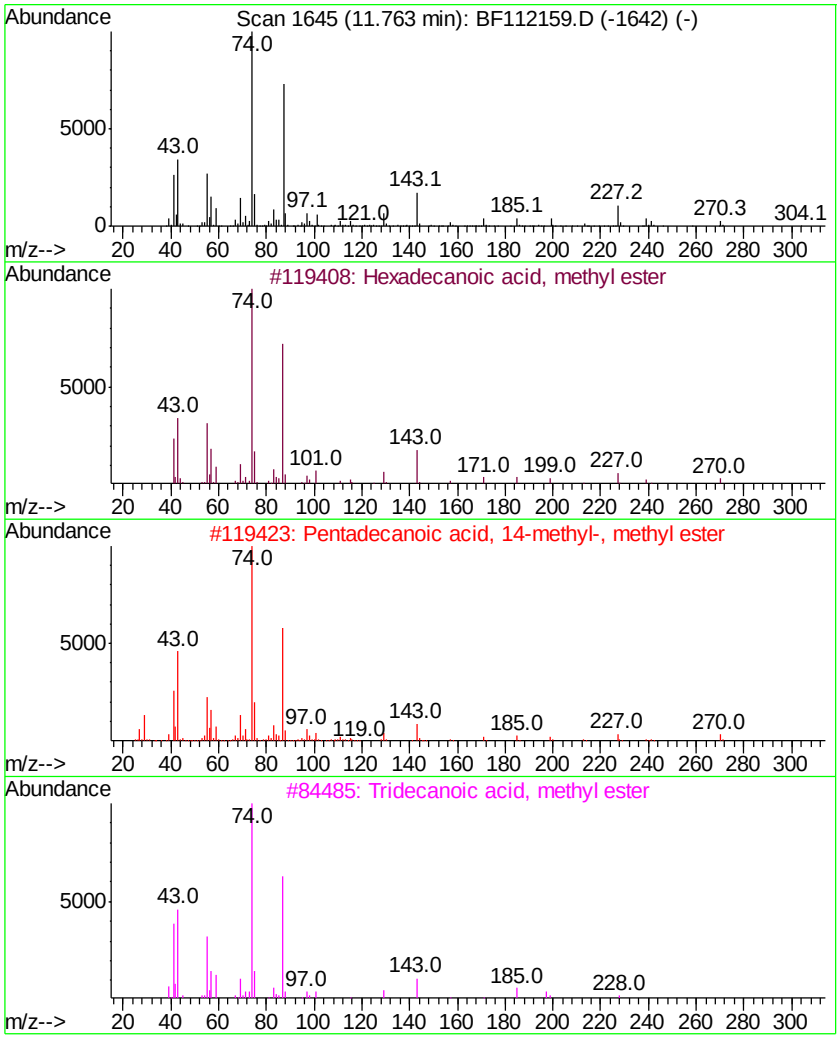
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

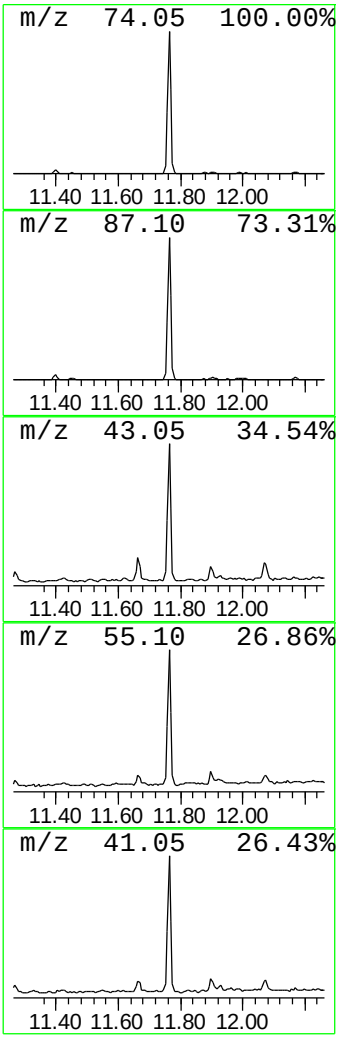
****

Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	14.00 ng	1058410	Phenanthrene-d10	11.37

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	93
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86





Library Search Compound Report

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Data File : BF112159.D
Acq On : 21 Jan 2019 15:28
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-011819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

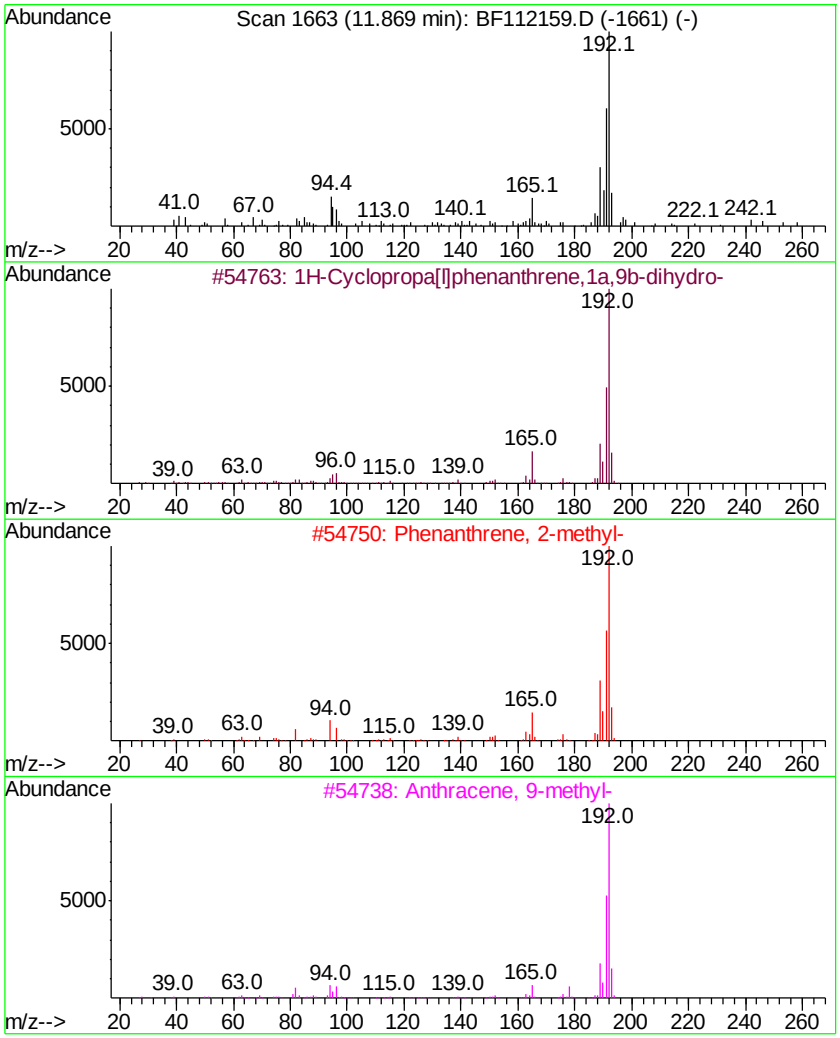
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

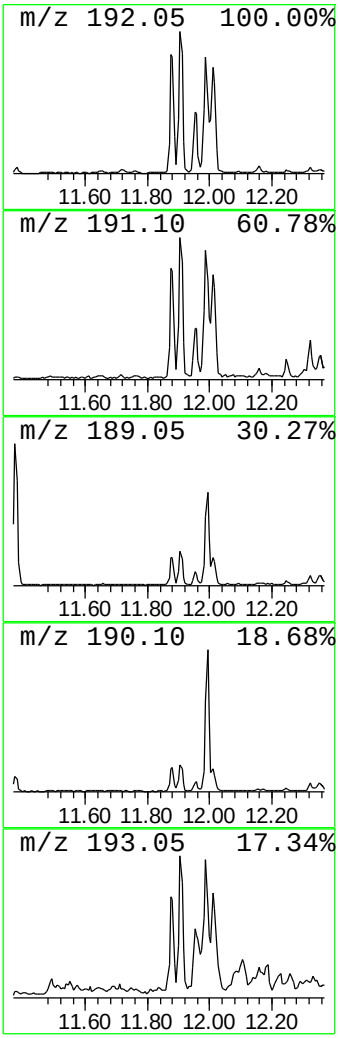
****

Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	3.28 ng	247726	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





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Data File : BF112159.D
Acq On : 21 Jan 2019 15:28
Operator : JU/SJ
Sample : K1009-07 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-011819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

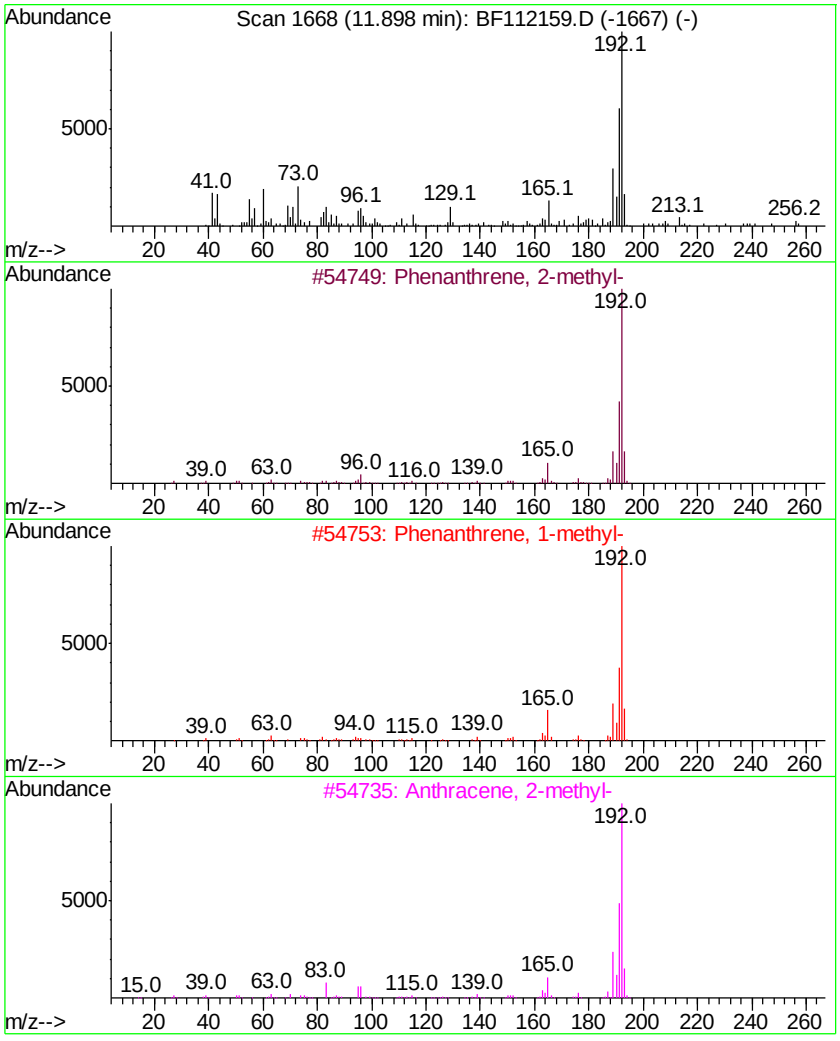
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

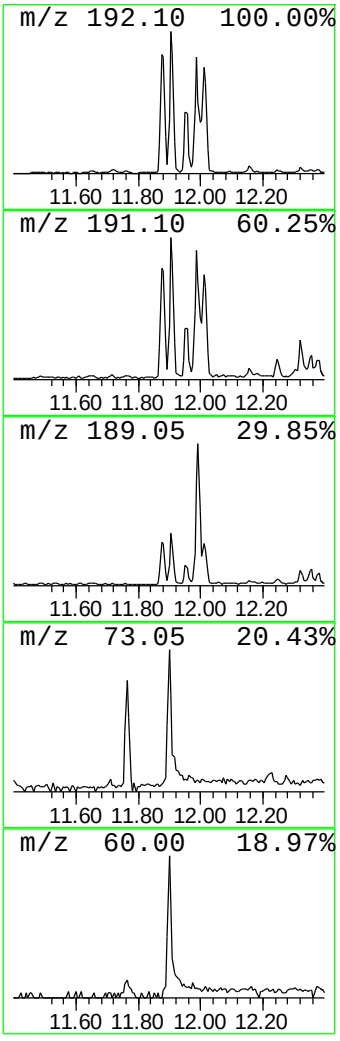
****

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	4.63 ng	350363	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Operator : JU/SJ
Sample : K1009-07 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-011819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

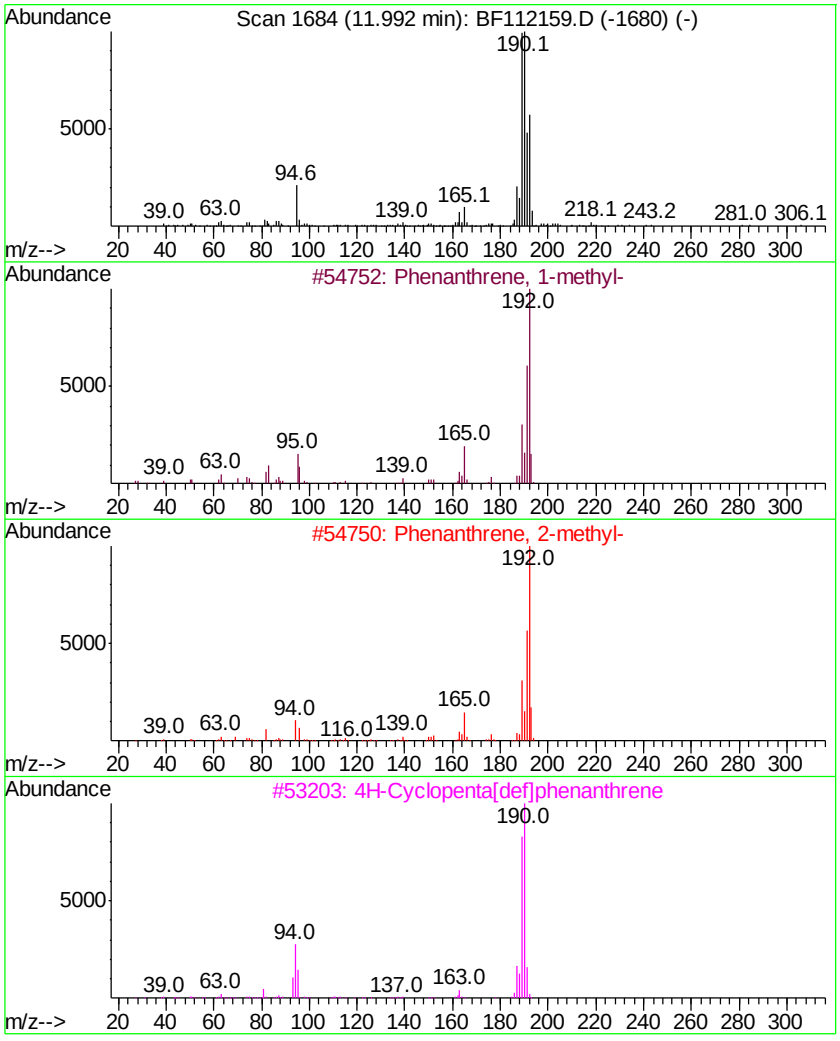
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

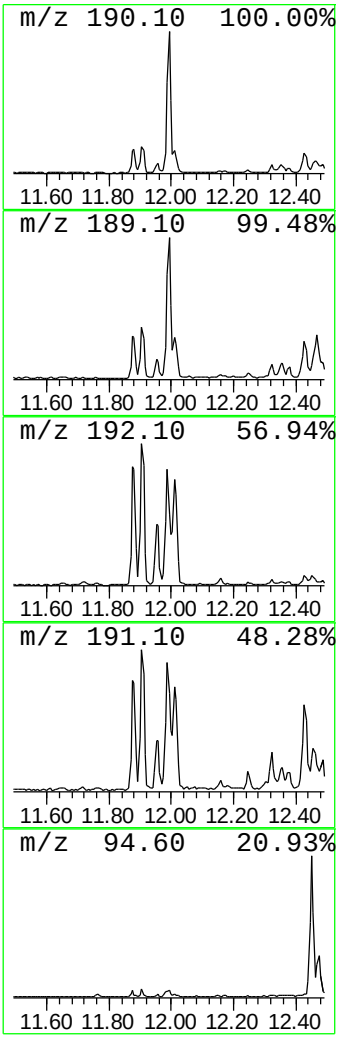
****

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	5.82 ng	439990	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	55
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
4	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	52
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	50





Library Search Compound Report

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Operator : JU/SJ
Sample : K1009-07 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-011819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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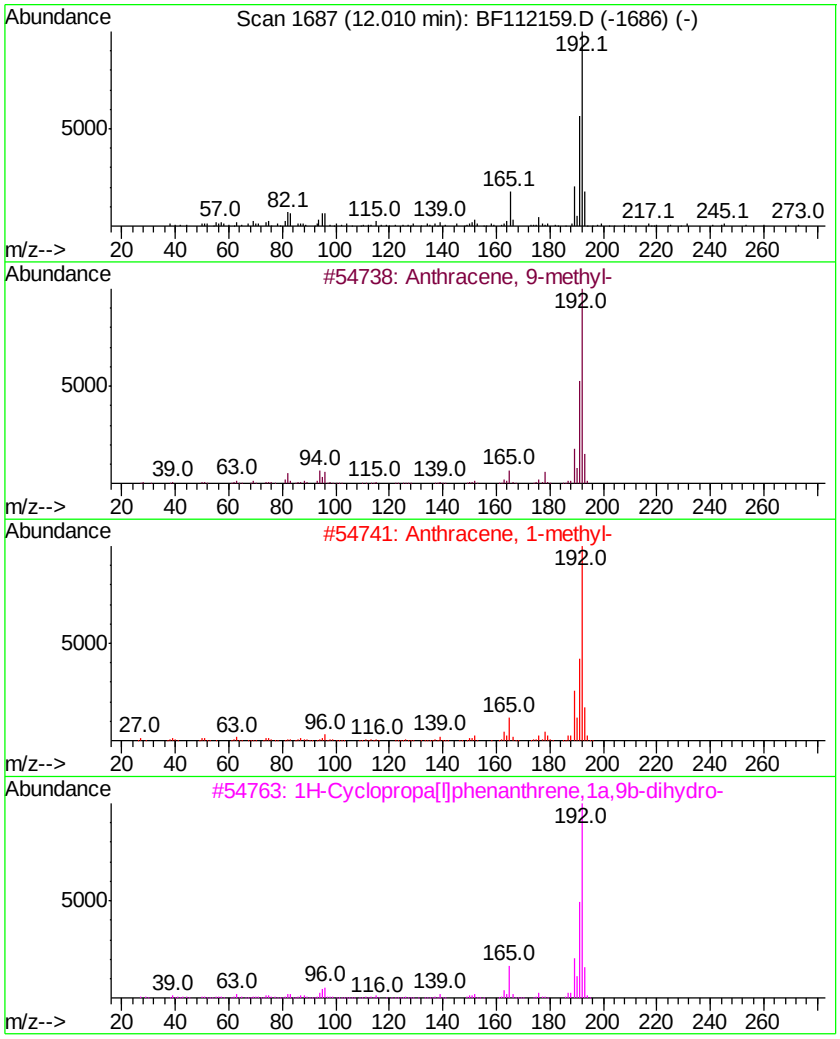
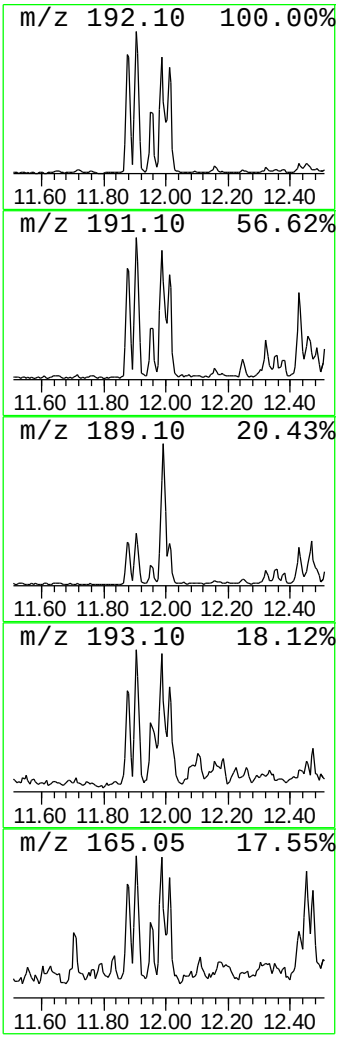
Peak Number 11 Anthracene, 9-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	2.12 ng	160211	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81





Library Search Compound Report

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Data File : BF112159.D
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Operator : JU/SJ
Sample : K1009-07 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-011819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

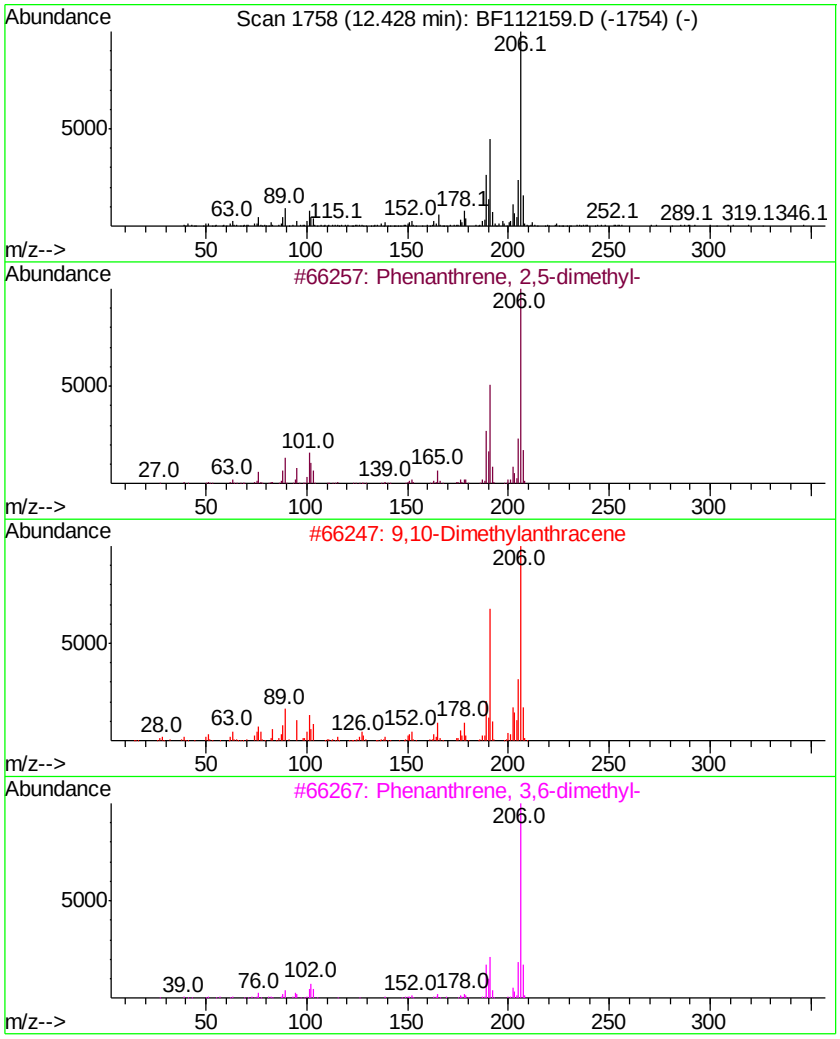
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

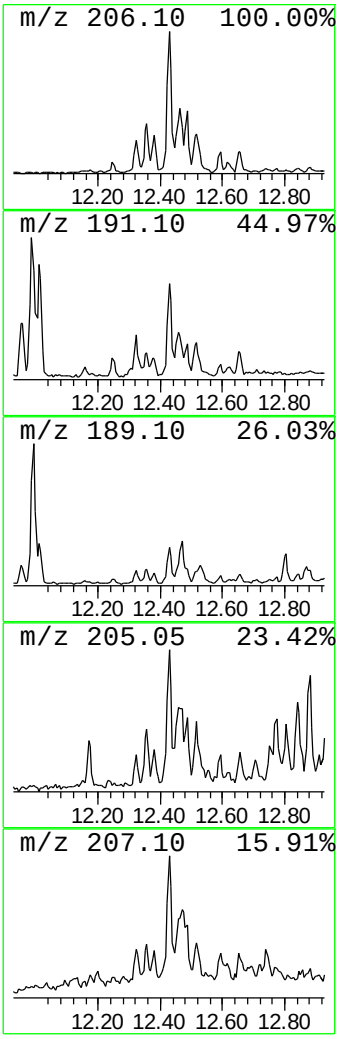
****

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	3.71 ng	280360	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87





Library Search Compound Report

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Data File : BF112159.D
Acq On : 21 Jan 2019 15:28
Operator : JU/SJ
Sample : K1009-07 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-011819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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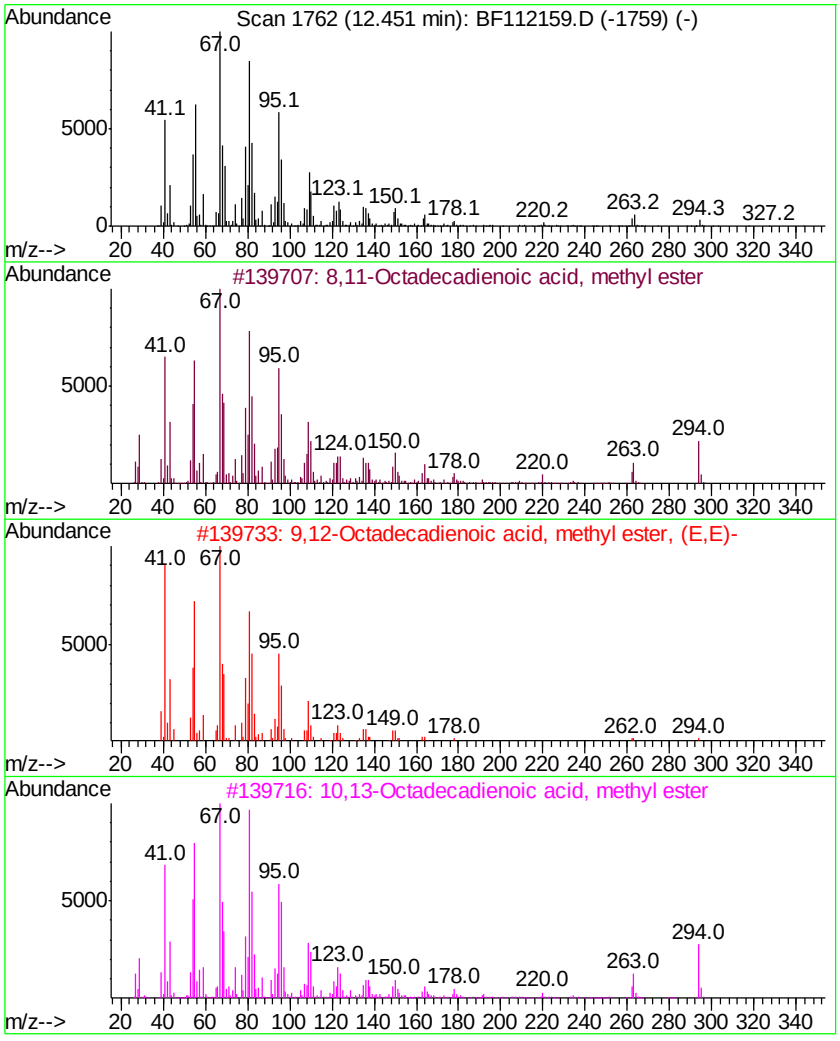
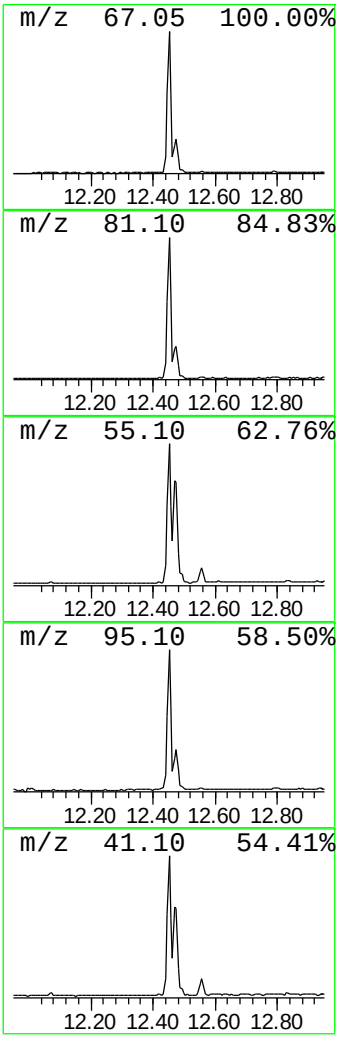
Peak Number 13 8,11-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	65.04 ng	4916280	Phenanthrene-d10	11.37

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





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Data File : BF112159.D
Acq On : 21 Jan 2019 15:28
Operator : JU/SJ
Sample : K1009-07 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-011819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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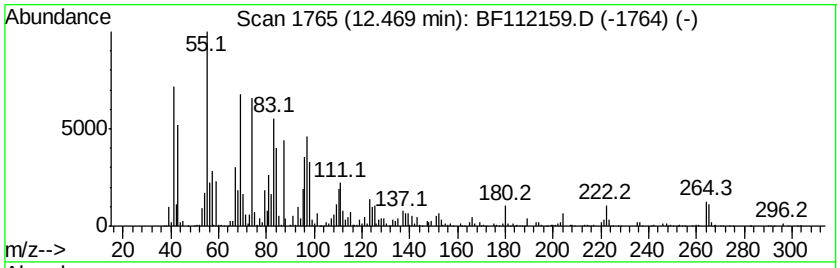
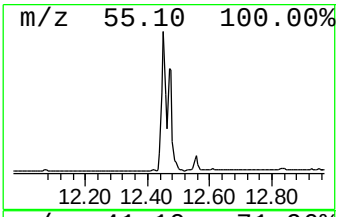
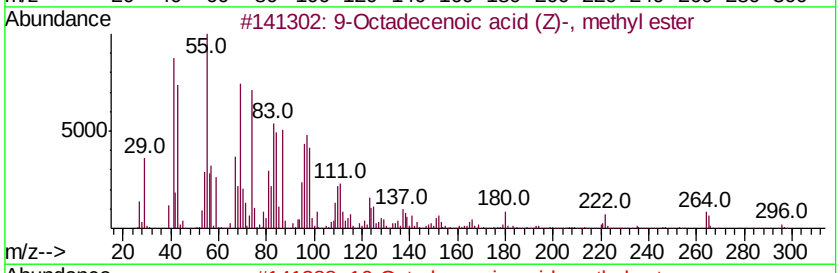
Peak Number 14 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

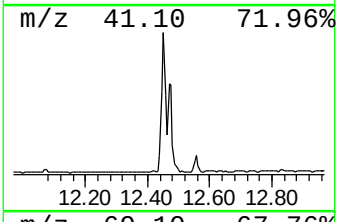
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	39.75 ng	3004570	Phenanthrene-d10	11.37

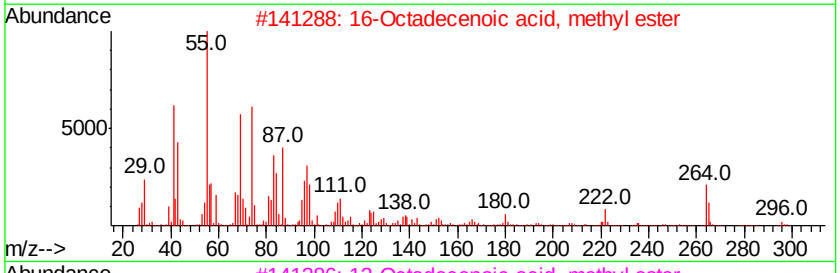
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	98
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	98
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	97
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	94

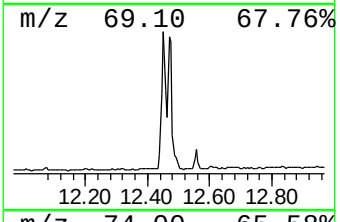


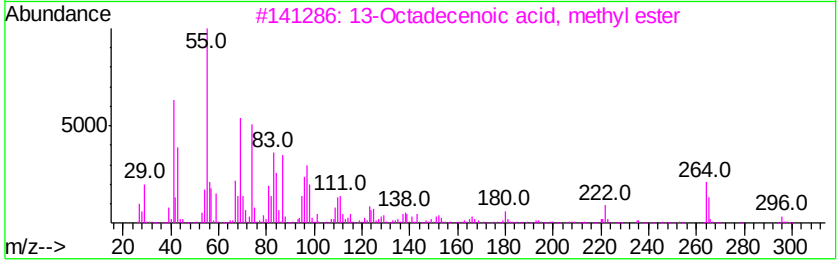


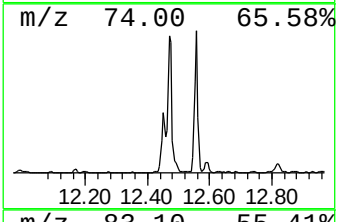


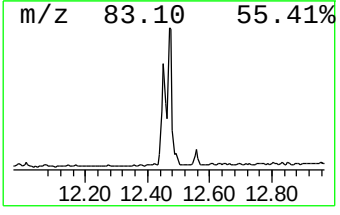












Library Search Compound Report

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Data File : BF112159.D
Acq On : 21 Jan 2019 15:28
Operator : JU/SJ
Sample : K1009-07 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-011819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

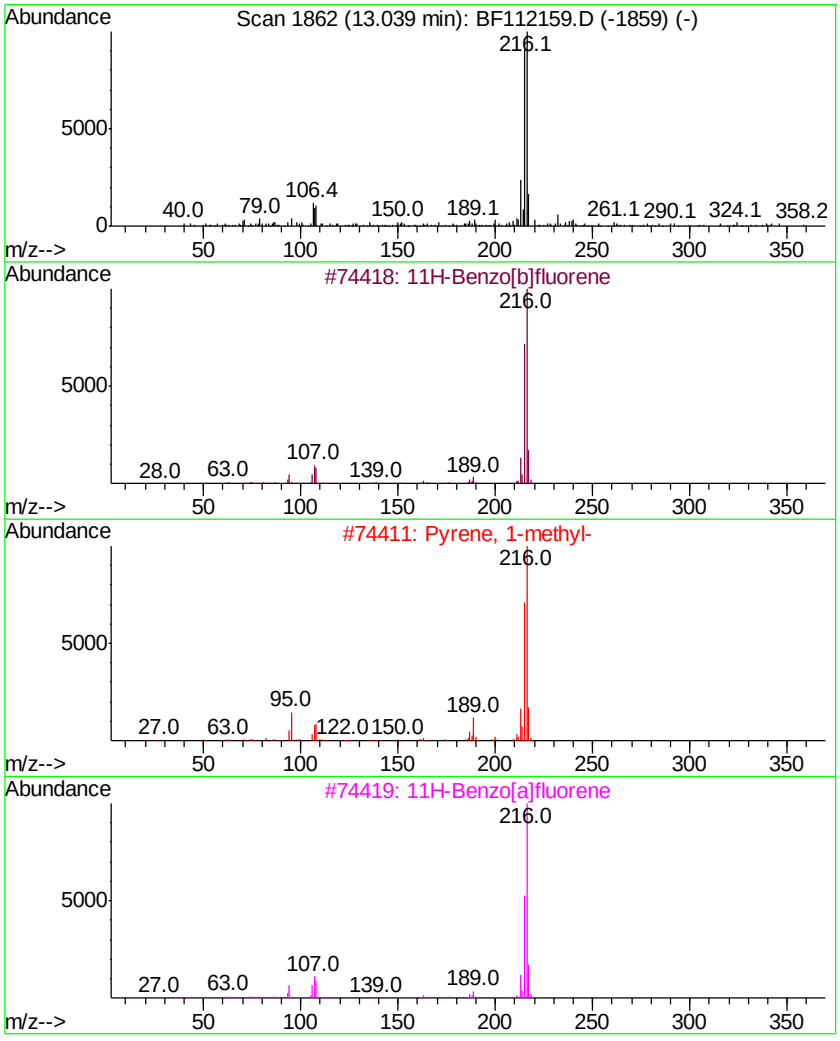
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

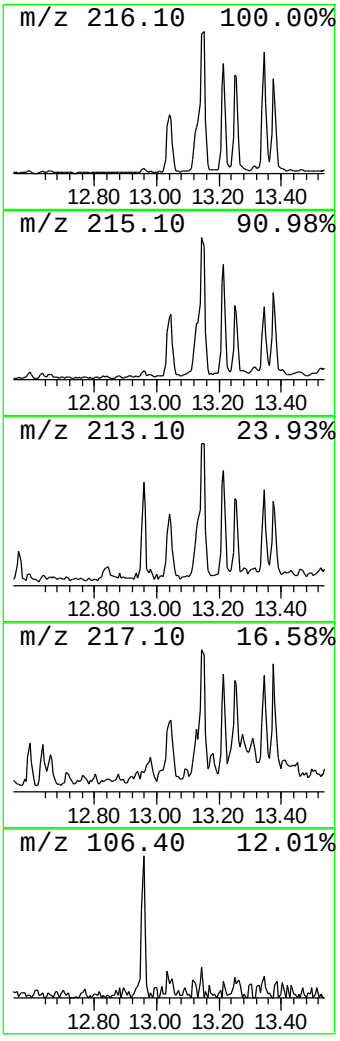
****

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	2.18 ng	239967	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	53





Library Search Compound Report

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Data File : BF112159.D
Acq On : 21 Jan 2019 15:28
Operator : JU/SJ
Sample : K1009-07 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-011819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

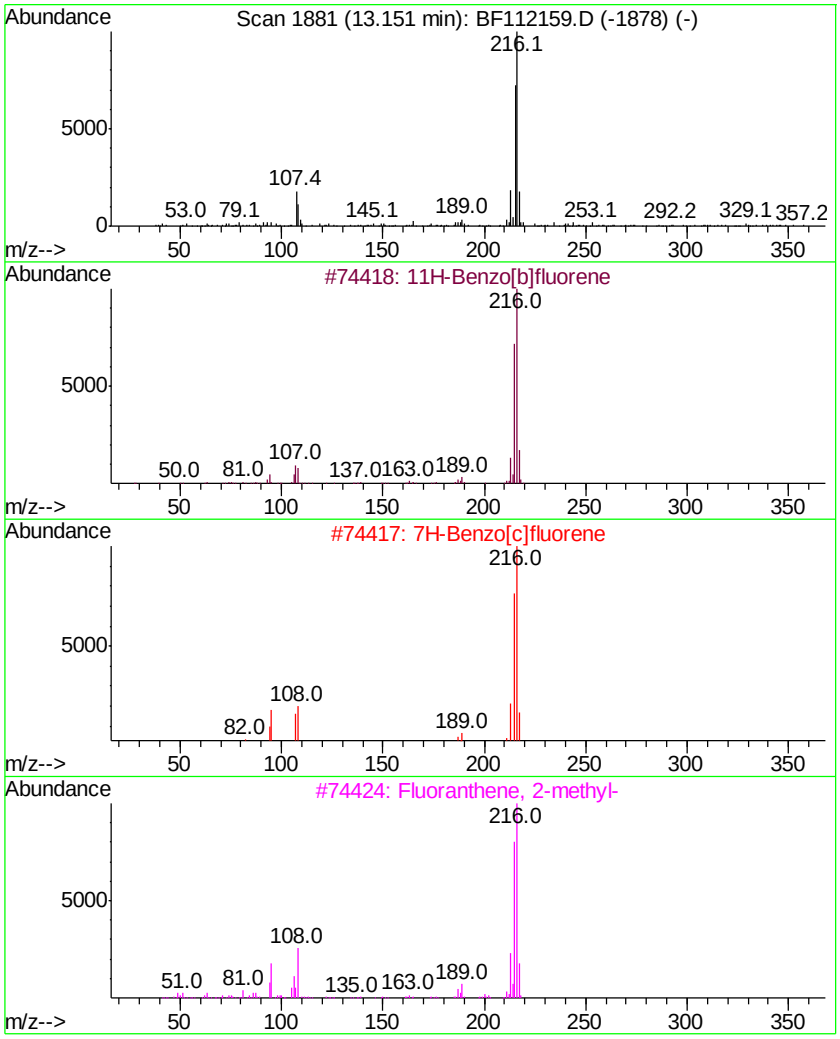
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

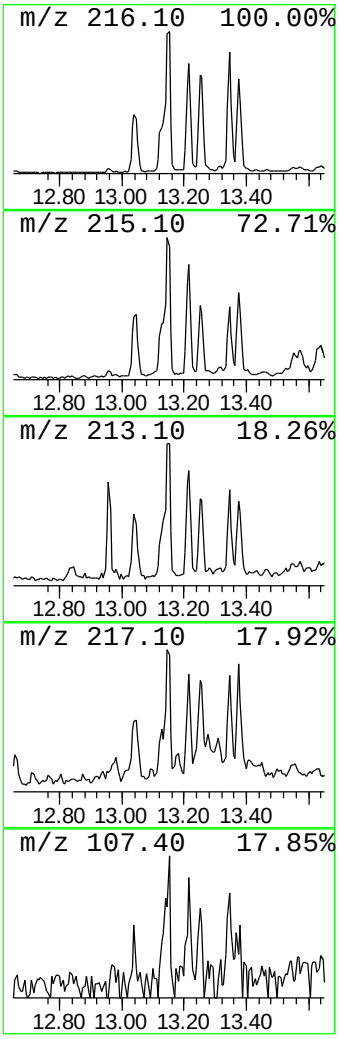
****

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.82 ng	310728	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86





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Data File : BF112159.D
Acq On : 21 Jan 2019 15:28
Operator : JU/SJ
Sample : K1009-07 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-011819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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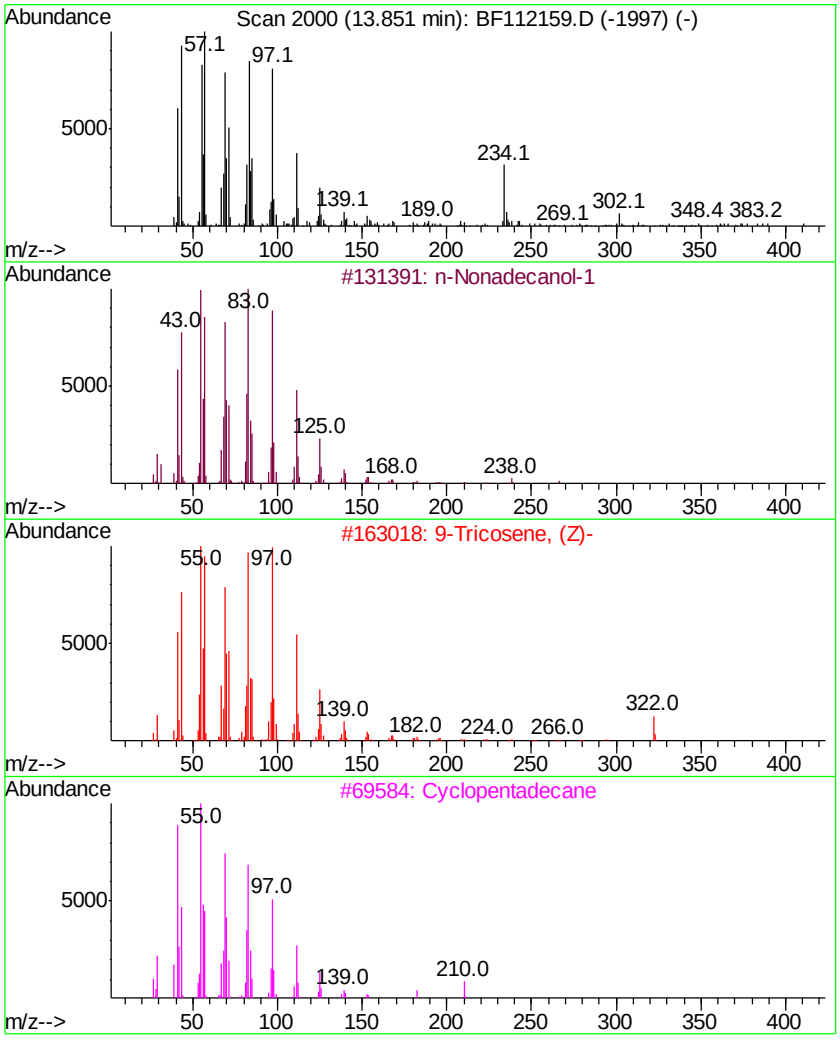
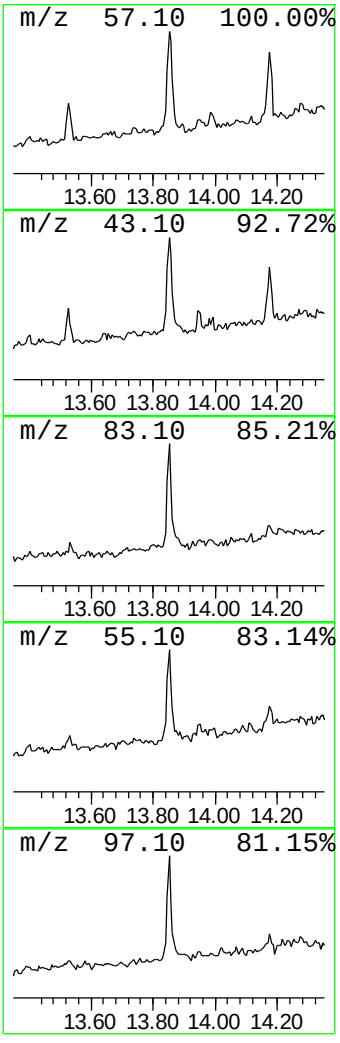
Peak Number 17 n-Nonadecanol-1 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	4.13 ng	455782	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	87
3	Cyclopentadecane	210	C15H30	000295-48-7	83
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81
5	Cyclooctacosane	392	C28H56	000297-24-5	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012119\
Data File : BF112159.D
Acq On : 21 Jan 2019 15:28
Operator : JU/SJ
Sample : K1009-07 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-011819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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
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Naphthalene, 2,3-...	9.55	2.1	ng	177967	3	9.89	1702550	20.0
Tetradecane	10.79	2.9	ng	222455	4	11.37	1511820	20.0
Dibenzothiophene	11.27	2.1	ng	161818	4	11.37	1511820	20.0
Hexadecanoic acid...	11.76	14.0	ng	1058410	4	11.37	1511820	20.0
1H-Cyclopropa[l]p...	11.87	3.3	ng	247726	4	11.37	1511820	20.0
Phenanthrene, 2-m...	11.90	4.6	ng	350363	4	11.37	1511820	20.0
Phenanthrene, 1-m...	11.99	5.8	ng	439990	4	11.37	1511820	20.0
Anthracene, 9-met...	12.01	2.1	ng	160211	4	11.37	1511820	20.0
Phenanthrene, 2,5...	12.43	3.7	ng	280360	4	11.37	1511820	20.0
8,11-Octadecadien...	12.45	65.0	ng	4916280	4	11.37	1511820	20.0
9-Octadecenoic ac...	12.47	39.8	ng	3004570	4	11.37	1511820	20.0
Pyrene, 1-methyl-	13.04	2.2	ng	239967	5	14.02	2205570	20.0
11H-Benzo[b]fluorene	13.15	2.8	ng	310728	5	14.02	2205570	20.0
n-Nonadecanol-1	13.85	4.1	ng	455782	5	14.02	2205570	20.0