LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113429.D
Acq On : 29 Mar 2019 22:46
Operator : JU/SJ
Sample : K1685-11 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-032819-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-BF032519.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	5.310	545	548	573	rBV	869385	1078825	10.98%	2.093%
2	6.345	721	724	742	rBV	1132242	1201810	12.23%	2.331%
3	6.475	742	746	757	rVV	1279814	1207729	12.29%	2.343%
4	6.698	781	784	792	rBV	815860	749815	7.63%	1.455%
5	6.857	807	811	820	rBV	1076578	925874	9.42%	1.796%
6	7.263	876	880	887	rBV	677608	678722	6.91%	1.317%
7	7.981	999	1002	1005	rBV	998982	943088	9.60%	1.829%
8	8.698	1118	1124	1128	rBV2	117527	131547	1.34%	0.255%
9	8.792	1137	1140	1150	rVB	118917	128484	1.31%	0.249%
10	9.057	1181	1185	1196	rBV	1633288	1373023	13.97%	2.663%
11	9.328	1226	1231	1239	rBV	226347	281764	2.87%	0.547%
12	9.392	1239	1242	1245	rVV	110750	116661	1.19%	0.226%
13	9.451	1249	1252	1257	rVB2	94671	126806	1.29%	0.246%
14	9.592	1273	1276	1283	rBV	168353	151646	1.54%	0.294%
15	9.733	1294	1300	1303	rBV	1270821	1159651	11.80%	2.250%
16	9.786	1307	1309	1315	rVB	212506	179046	1.82%	0.347%
17	9.939	1331	1335	1338	rBV	142517	139068	1.42%	0.270%
18	10.275	1389	1392	1399	rVB	291989	325993	3.32%	0.632%
19	10.516	1428	1433	1446	rBV	858789	957069	9.74%	1.857%
20	10.645	1451	1455	1460	rVB2	68808	102588	1.04%	0.199%
21	10.745	1469	1472	1475	rBV	254823	201981	2.06%	0.392%
22	11.110	1531	1534	1542	rVB	96655	128897	1.31%	0.250%
23	11.210	1548	1551	1553	rBV	1297537	1117058	11.37%	2.167%
24	11.233	1553	1555	1560	rVV	1257630	1032994	10.51%	2.004%
25	11.286	1561	1564	1568	rVB	277520	243603	2.48%	0.473%
26	11.445	1587	1591	1594	rBV	96662	109512	1.11%	0.212%
27	11.533	1604	1606	1611	rVB2	304808	250946	2.55%	0.487%
28	11.616	1616	1620	1623	rBV	4932435	4383084	44.60%	8.502%
29	11.710	1633	1636	1639	rBV	136437	131176	1.33%	0.254%
30	11.751	1639	1643	1647	rBV2	419333	512738	5.22%	0.995%
31	11.822	1652	1655	1658	rVV	300023	327359	3.33%	0.635%
32	11.927	1665	1673	1678	rBV8	102532	192473	1.96%	0.373%
33	12.010	1684	1687	1690	rVB2	133336	136884	1.39%	0.266%
34	12.304	1731	1737	1739	rBV	6672730	9827974	100.00%	19.065%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113429.D
Acq On : 29 Mar 2019 22:46
Operator : JU/SJ
Sample : K1685-11 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-032819-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-BF032519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.327	1739	1741	1747	rVB	7223614	8557314	87.07%	16.600%
36	12.404	1750	1754	1756	rBV	2800132	2635654	26.82%	5.113%
37	12.451	1761	1762	1770	rVV5	323721	479133	4.88%	0.929%
38	12.651	1788	1796	1798	rBV	811230	982137	9.99%	1.905%
39	12.792	1814	1820	1823	rBV	1486981	1427486	14.52%	2.769%
40	12.869	1829	1833	1836	rBV2	67542	113002	1.15%	0.219%
41	12.974	1845	1851	1856	rBV	265949	394747	4.02%	0.766%
42	13.039	1857	1862	1865	rVV2	422107	483260	4.92%	0.937%
43	13.080	1866	1869	1873	rVB2	98829	118155	1.20%	0.229%
44	13.121	1873	1876	1879	rVB	246572	189681	1.93%	0.368%
45	13.204	1887	1890	1892	rVV2	78558	105536	1.07%	0.205%
46	13.227	1892	1894	1898	rVB3	115095	113873	1.16%	0.221%
47	13.545	1941	1948	1951	rVB4	151026	252237	2.57%	0.489%
48	13.786	1986	1989	1991	rVV	223915	171469	1.74%	0.333%
49	13.839	1993	1998	2001	rVV2	1433374	1756910	17.88%	3.408%
50	13.863	2001	2002	2010	rVB	416994	318768	3.24%	0.618%
51	14.316	2076	2079	2082	rVB3	116878	117292	1.19%	0.228%
52	14.604	2125	2128	2131	rBV	153817	141336	1.44%	0.274%
53	14.674	2137	2140	2143	rBV	176549	158048	1.61%	0.307%
54	14.851	2166	2170	2172	rBV	289257	399397	4.06%	0.775%
55	14.915	2178	2181	2184	rVB	155592	152296	1.55%	0.295%
56	15.127	2214	2217	2223	rVB	160289	189283	1.93%	0.367%
57	15.186	2223	2227	2231	rVV	259102	321745	3.27%	0.624%
58	15.245	2232	2237	2248	rVB	835367	1268067	12.90%	2.460%
59	15.662	2305	2308	2314	rVB	118203	148325	1.51%	0.288%

Sum of corrected areas: 51551039

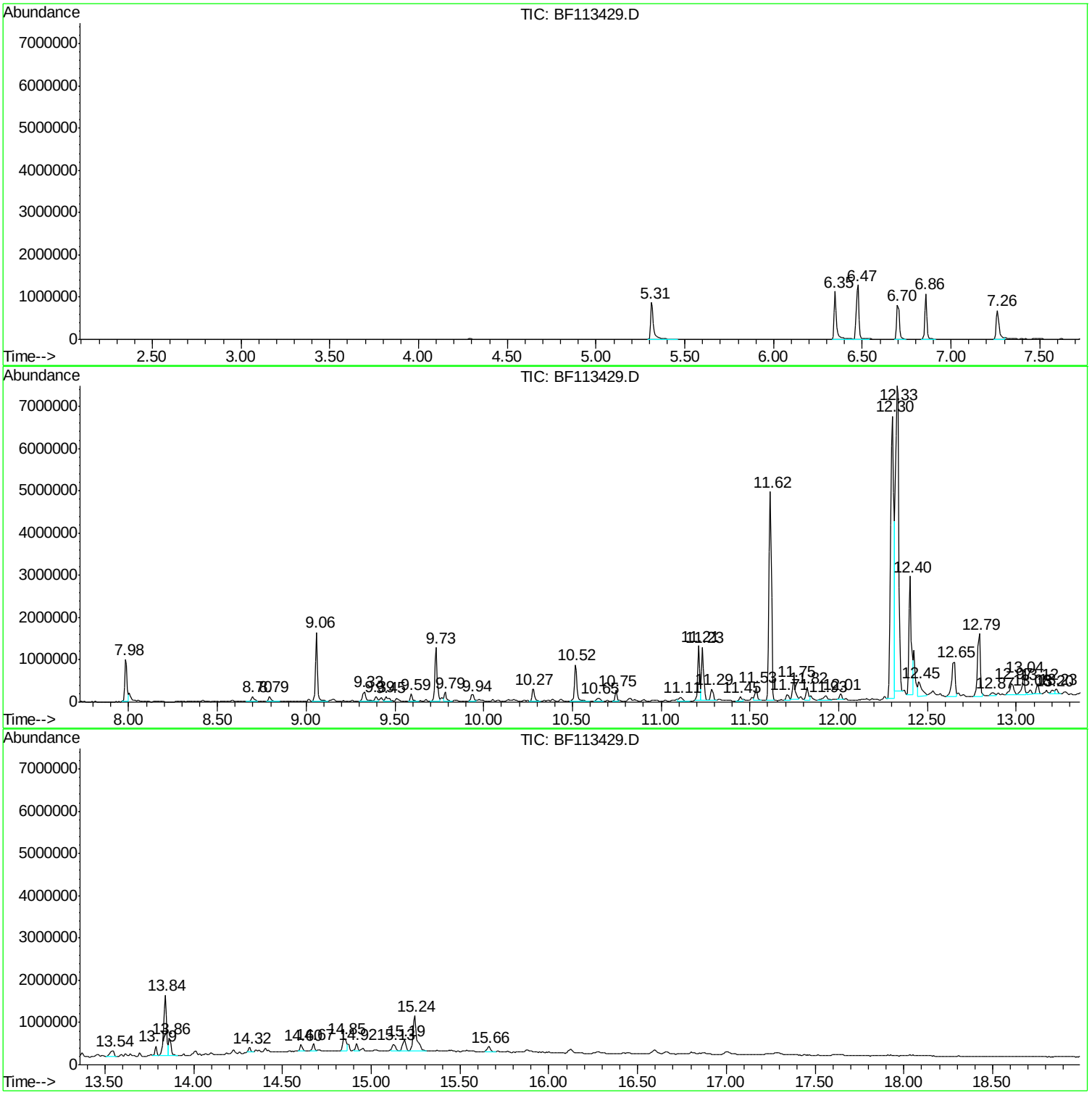
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113429.D
Acq On : 29 Mar 2019 22:46
Operator : JU/SJ
Sample : K1685-11 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-032819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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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Operator : JU/SJ
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ClientSampleId : AU-06-032819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
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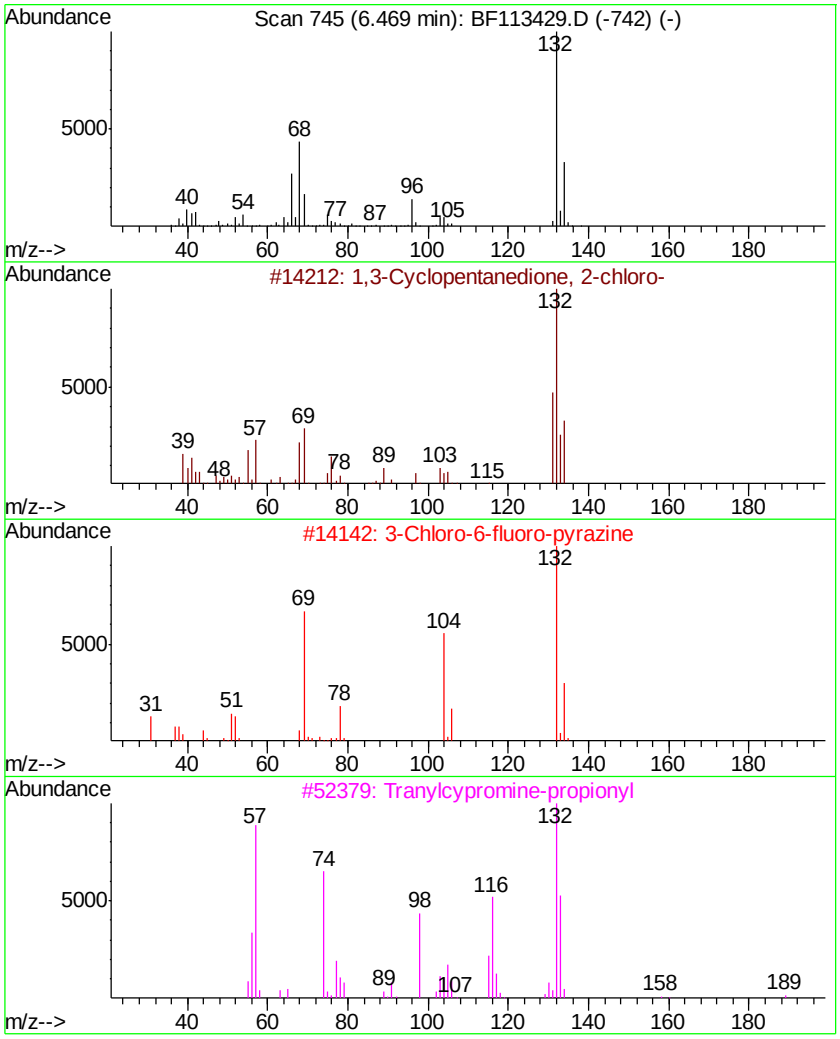
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

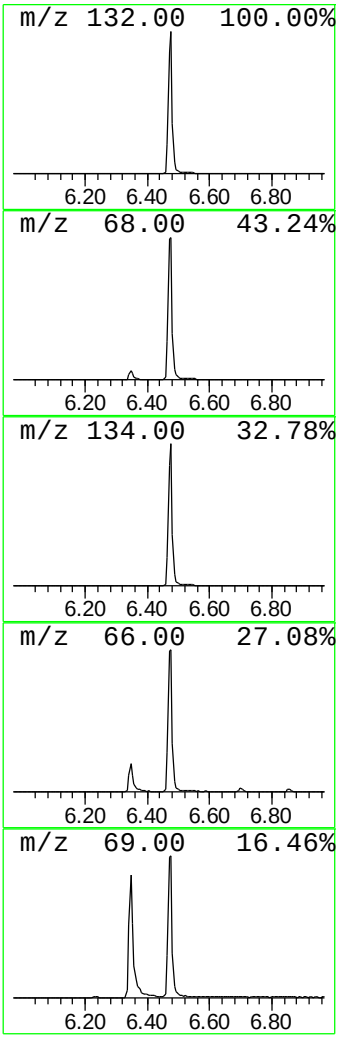
****

Peak Number 1 unknown6.47 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	32.21 ng	1207730	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	38
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Operator : JU/SJ
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-032819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

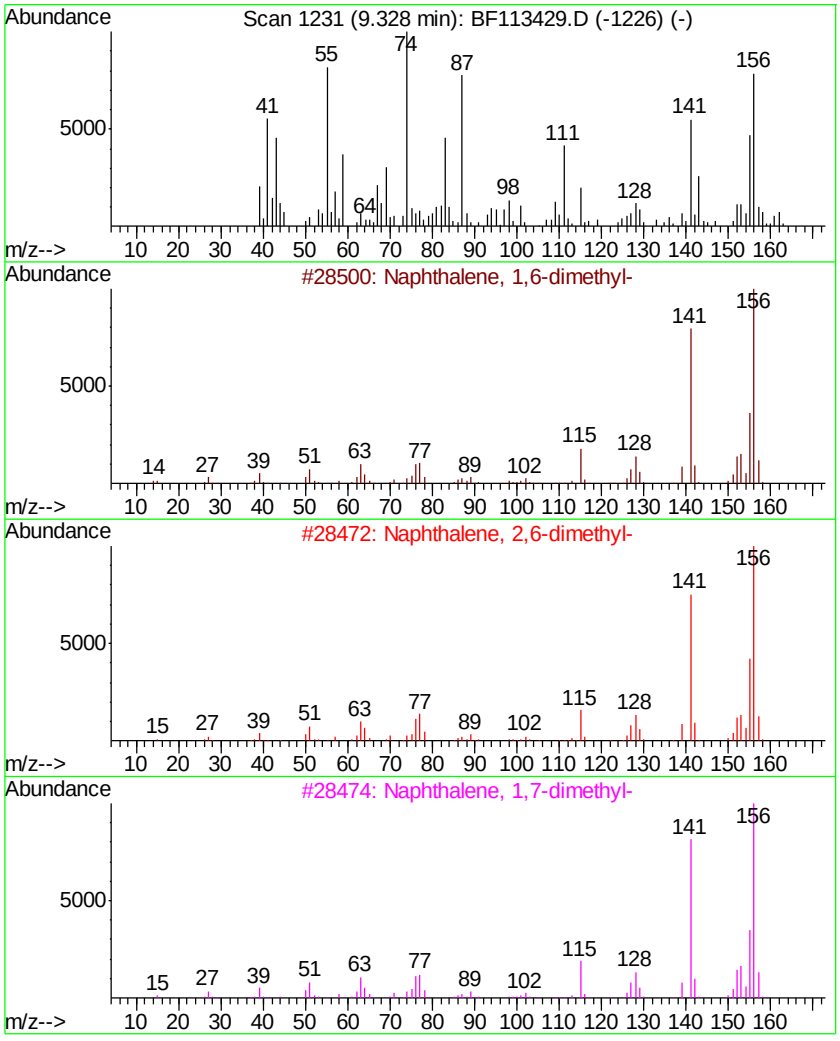
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

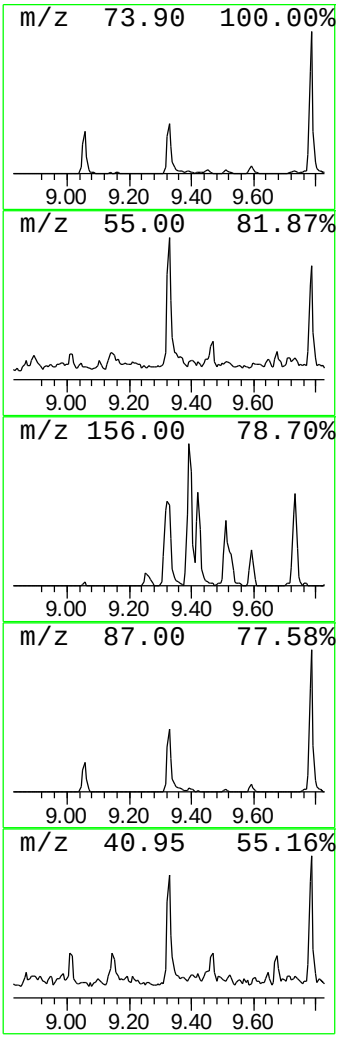
****

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	4.86 ng	281764	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	64
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	64
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	64
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	60
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
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Acq On : 29 Mar 2019 22:46
Operator : JU/SJ
Sample : K1685-11 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-032819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

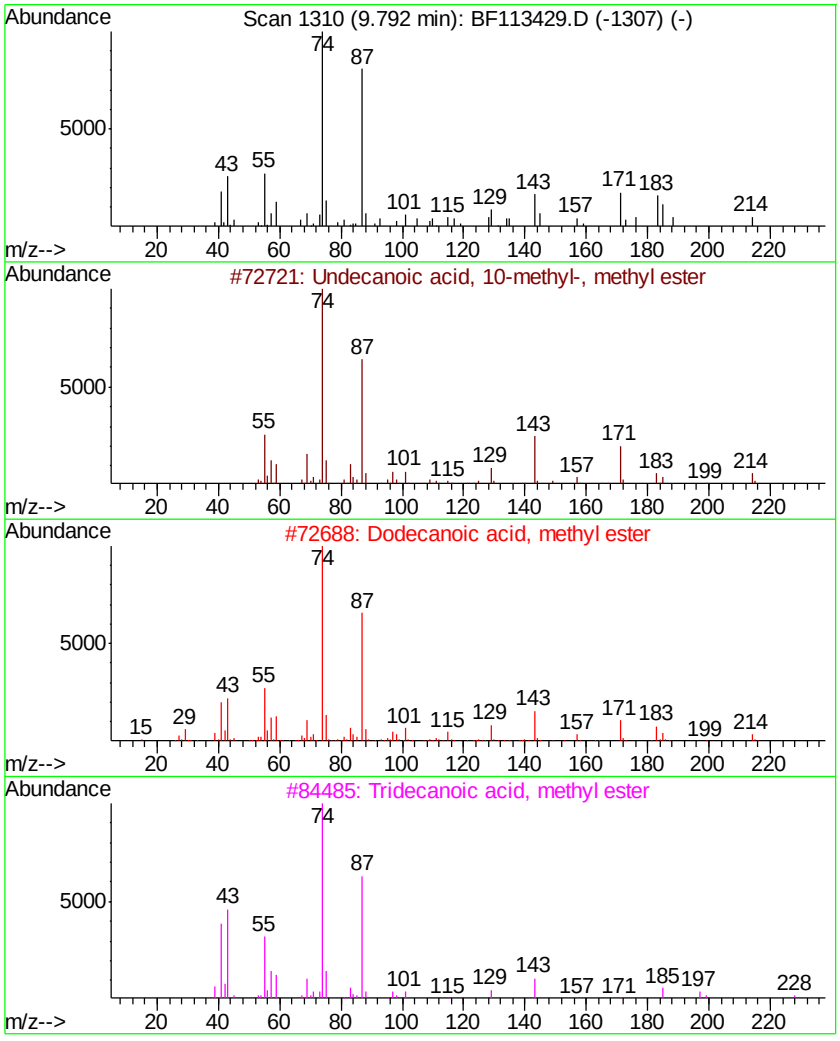
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

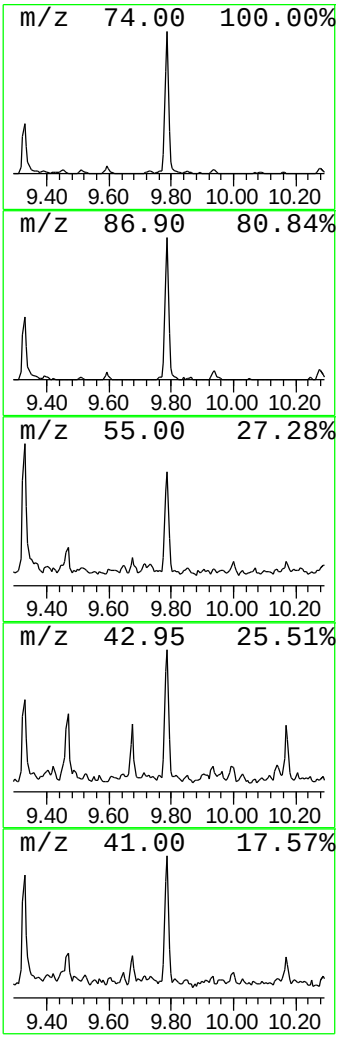
****

Peak Number 4 Undecanoic acid, 10-methyl-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	3.09 ng	179046	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid, 10-methyl-, met...	214	C13H26O2	005129-56-6	94
2	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	91
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	83
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	80
5	Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113429.D
Acq On : 29 Mar 2019 22:46
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Sample : K1685-11 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-032819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

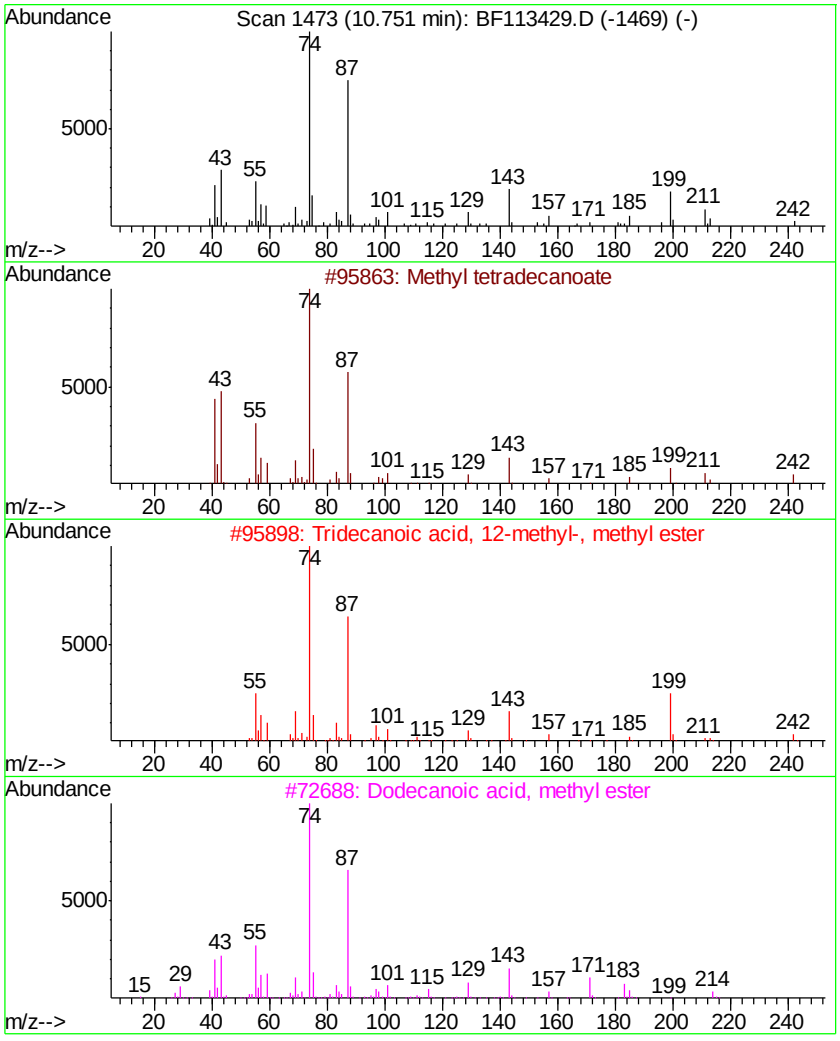
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

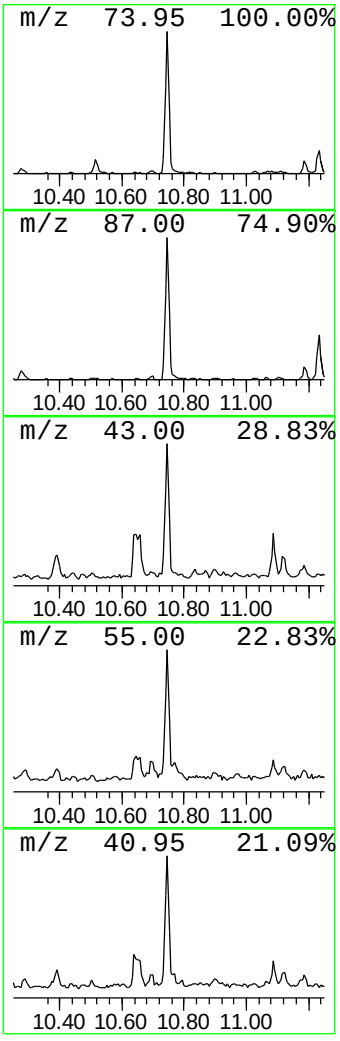
****

Peak Number 5 Methyl tetradecanoate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	3.62 ng	201981	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl tetradecanoate	242	C15H30O2	000124-10-7	94
2	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	86
3	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	80
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	80





Library Search Compound Report

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Acq On : 29 Mar 2019 22:46
Operator : JU/SJ
Sample : K1685-11 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-032819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

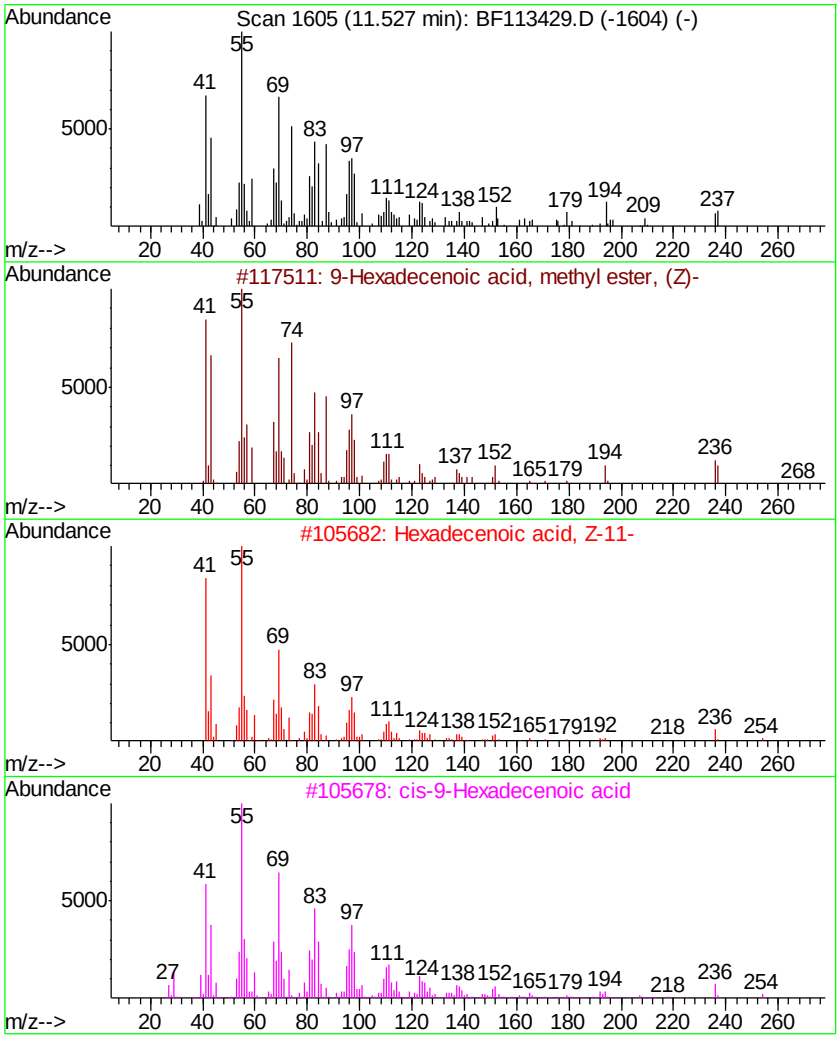
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

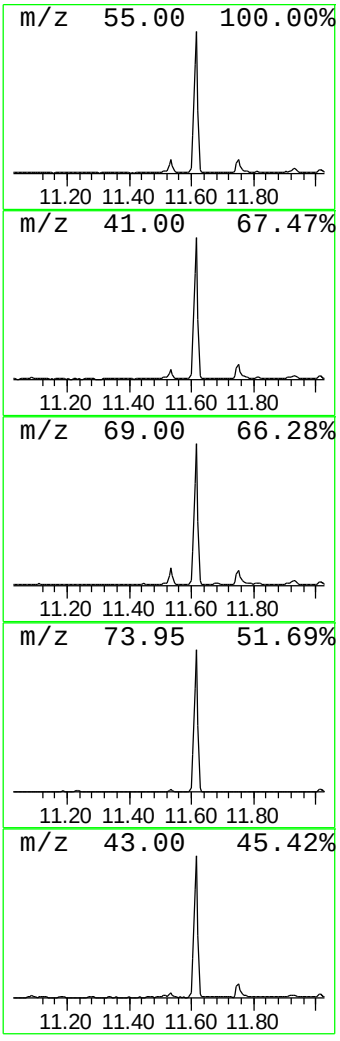
****

Peak Number 6 9-Hexadecenoic acid, methyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	4.49 ng	250946	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	81
2	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	49
3	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	49
4	Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	46
5	Palmitoleic acid	254	C16H30O2	000373-49-9	45





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

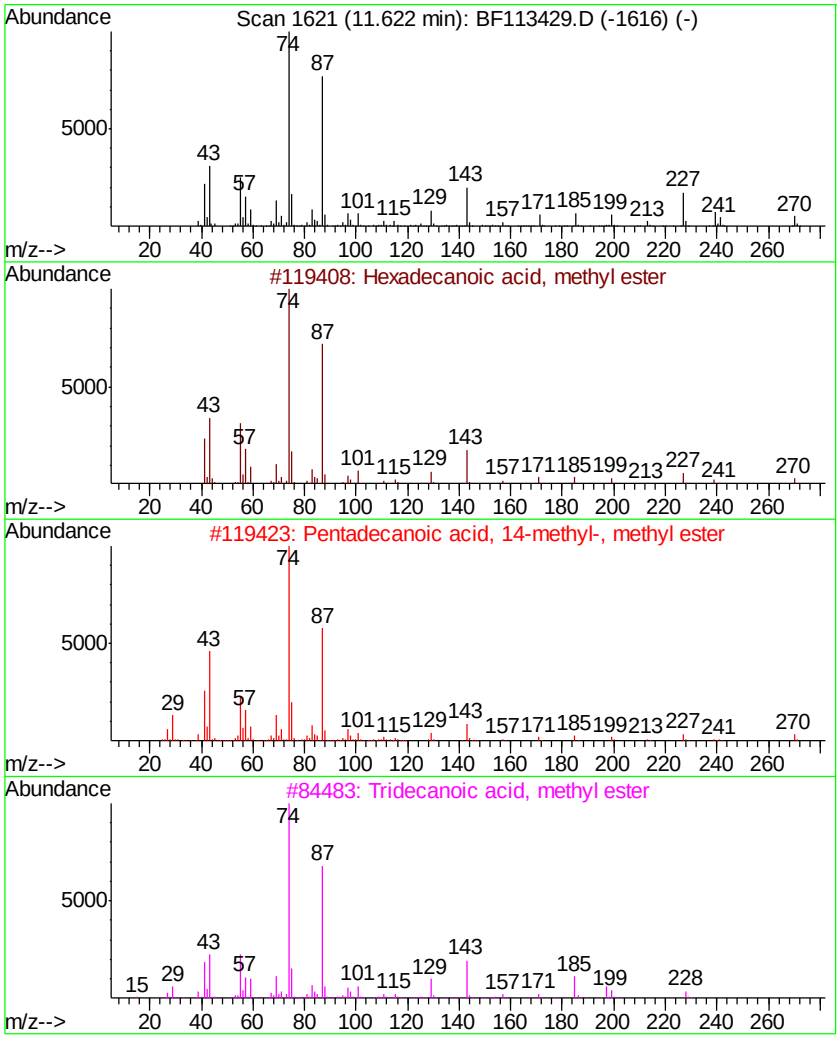
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

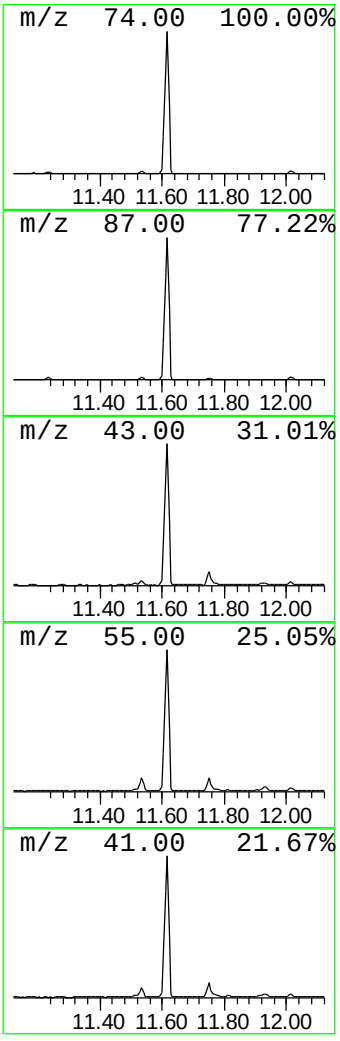
****

Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	78.48 ng	4383080	Phenanthrene-d10	11.21

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	96
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





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Data File : BF113429.D
Acq On : 29 Mar 2019 22:46
Operator : JU/SJ
Sample : K1685-11 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-032819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

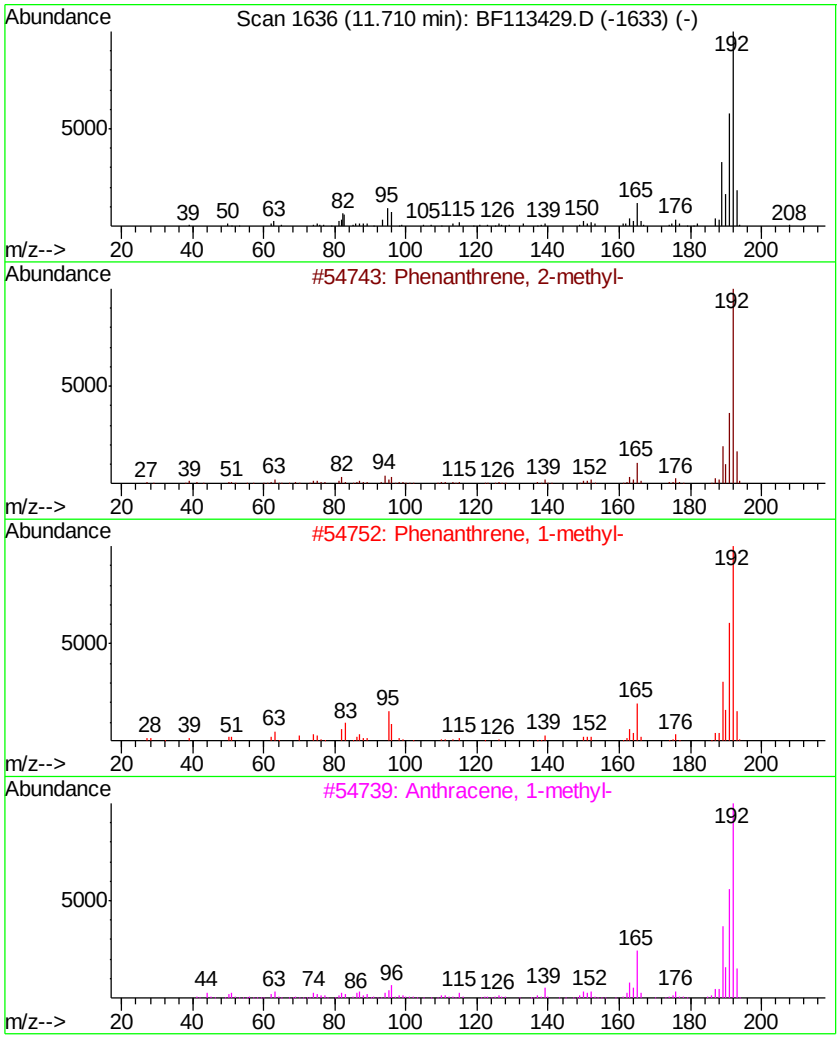
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

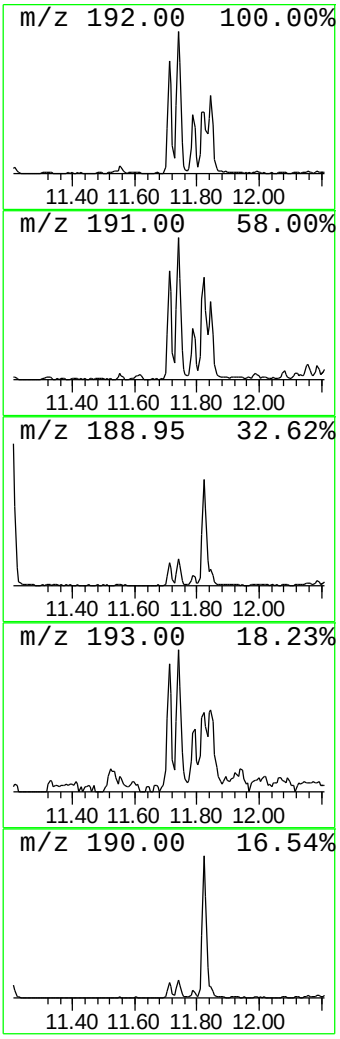
****

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	2.35 ng	131176	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





Library Search Compound Report

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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-032819-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

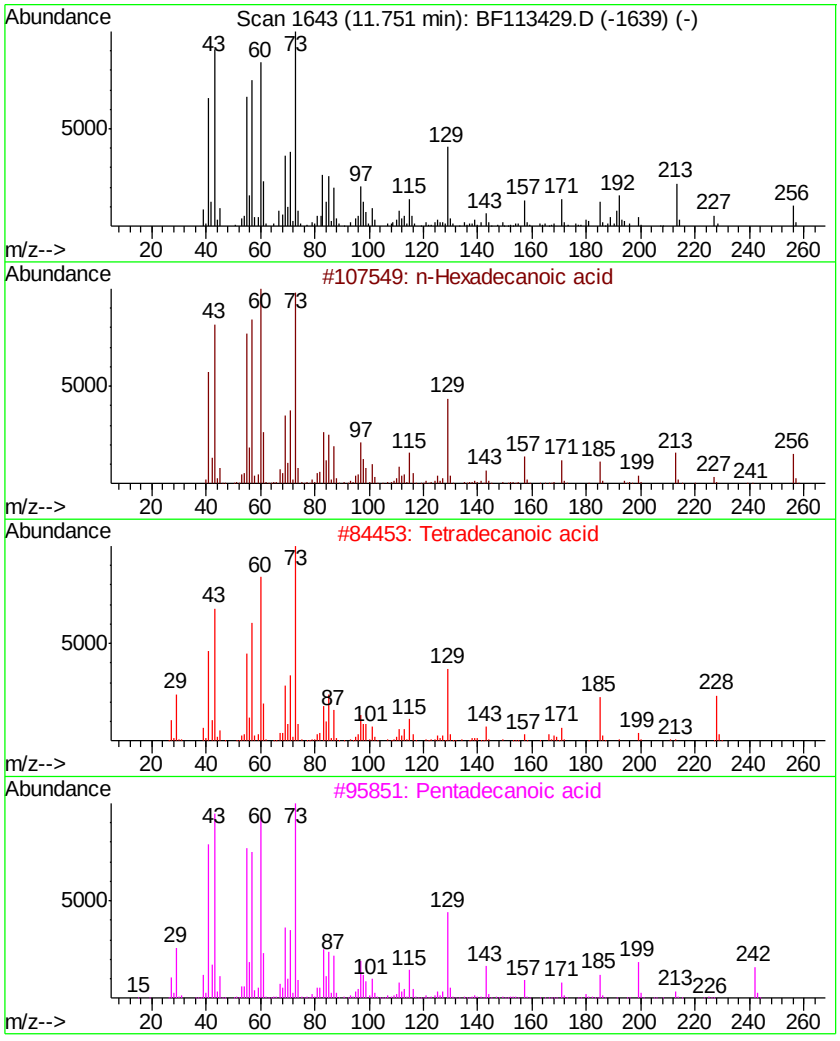
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

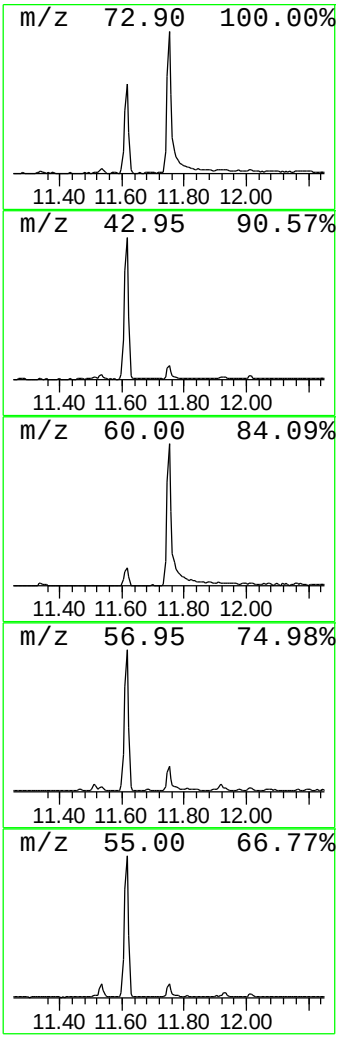
****

Peak Number 9 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	9.18 ng	512738	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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Acq On : 29 Mar 2019 22:46
Operator : JU/SJ
Sample : K1685-11 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-032819-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

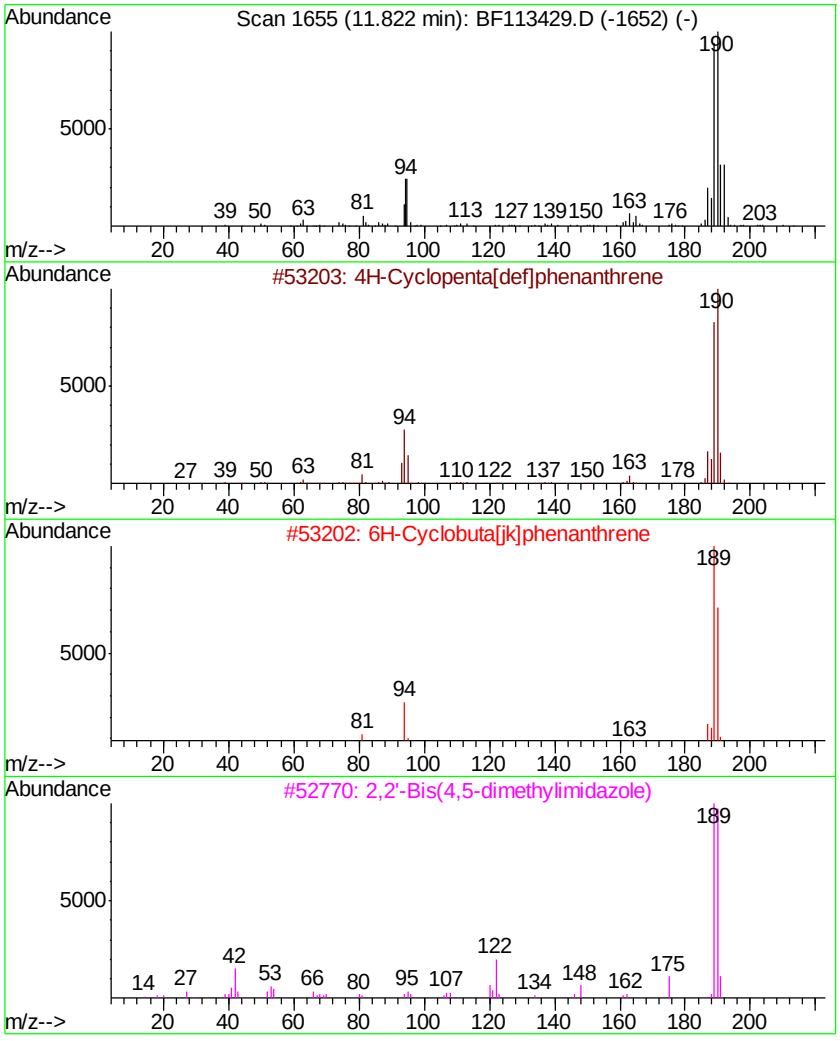
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

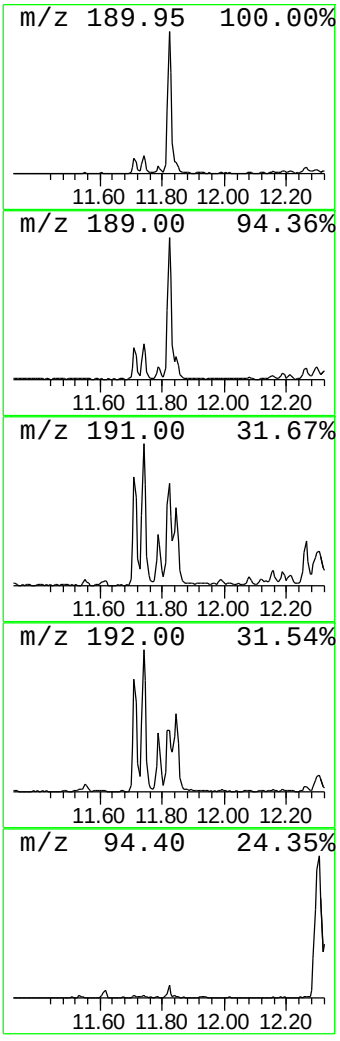
****

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	5.86 ng	327359	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	25
5	Hydrazinecarboxaldehyde, 2-[3-(m...	190	C4H6N4OS2	038362-25-3	14





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Sample : K1685-11 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-032819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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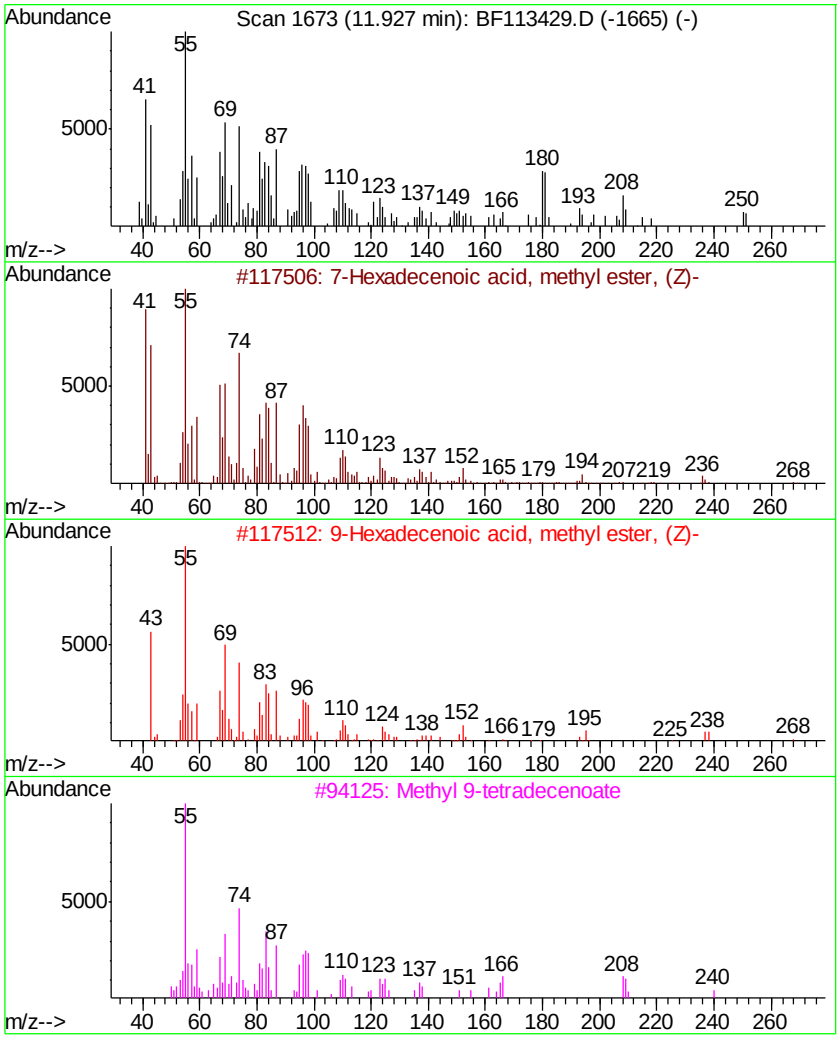
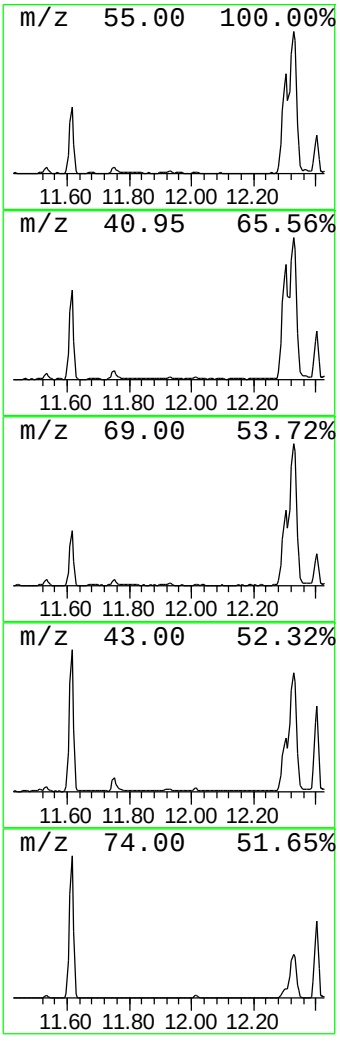
Peak Number 11 7-Hexadecenoic acid, methyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	3.45 ng	192473	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	76
2	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	62
3	Methyl 9-tetradecenoate	240	C15H28O2	1000336-47-3	58
4	Methyl Z-11-tetradecenoate	240	C15H28O2	1000130-82-8	58
5	13-Borabicyclo[7.3.0]tridecane, ...	250	C16H31BO	1000156-41-8	44





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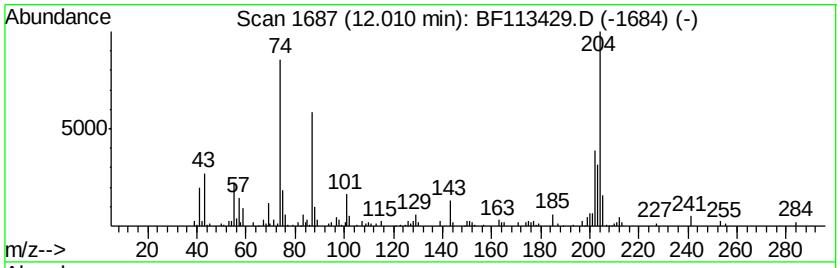
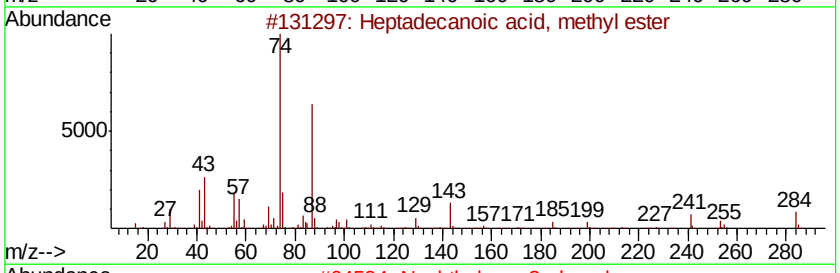
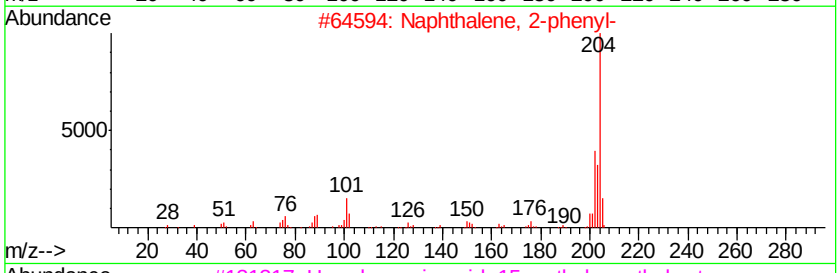
Peak Number 12 Heptadecanoic acid, methyl ... Concentration Rank 18

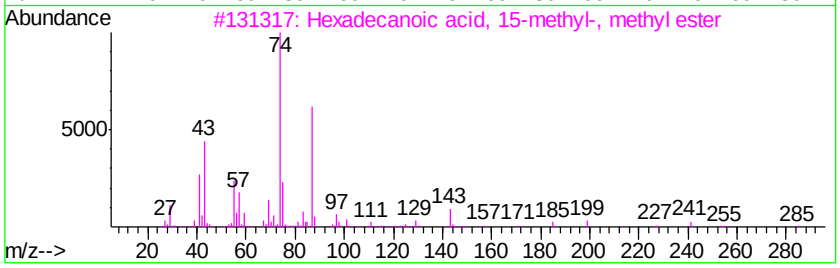
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	2.45 ng	136884	Phenanthrene-d10	11.21

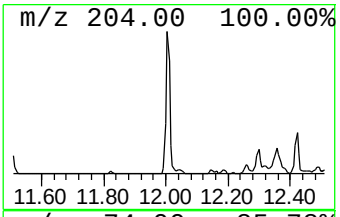
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	52
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	42
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	38
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	38
5	Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	38

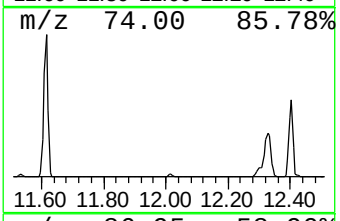


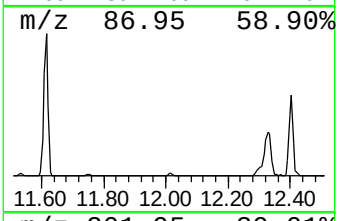


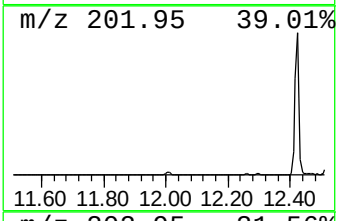


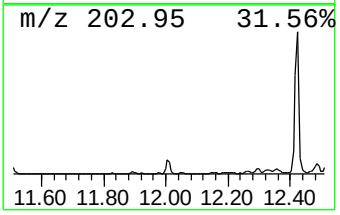












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Operator : JU/SJ
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-032819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

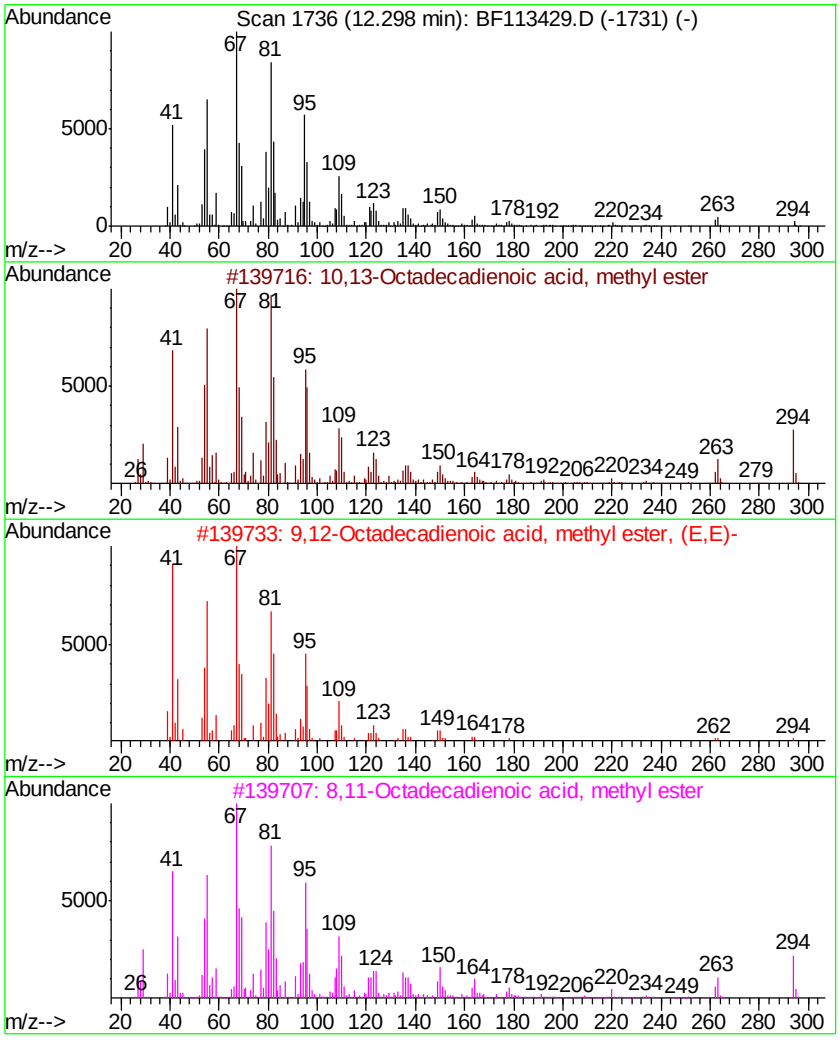
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

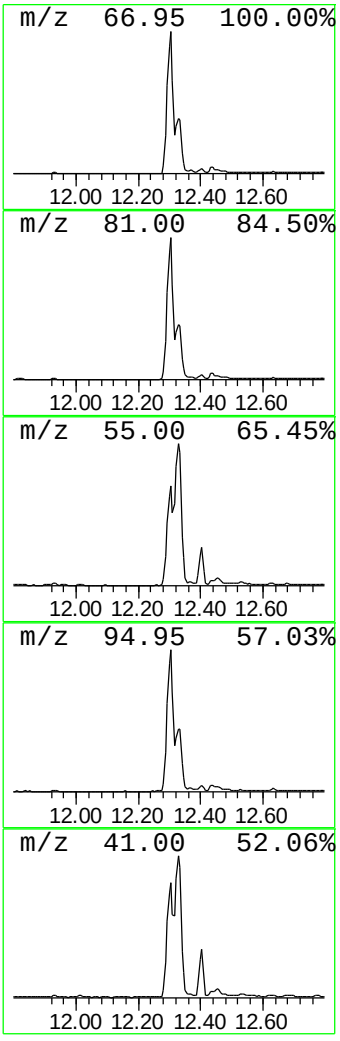
****

Peak Number 13 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	175.96 ng	9827970	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99





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Instrument : BNA_F
ClientSampleId : AU-06-032819-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

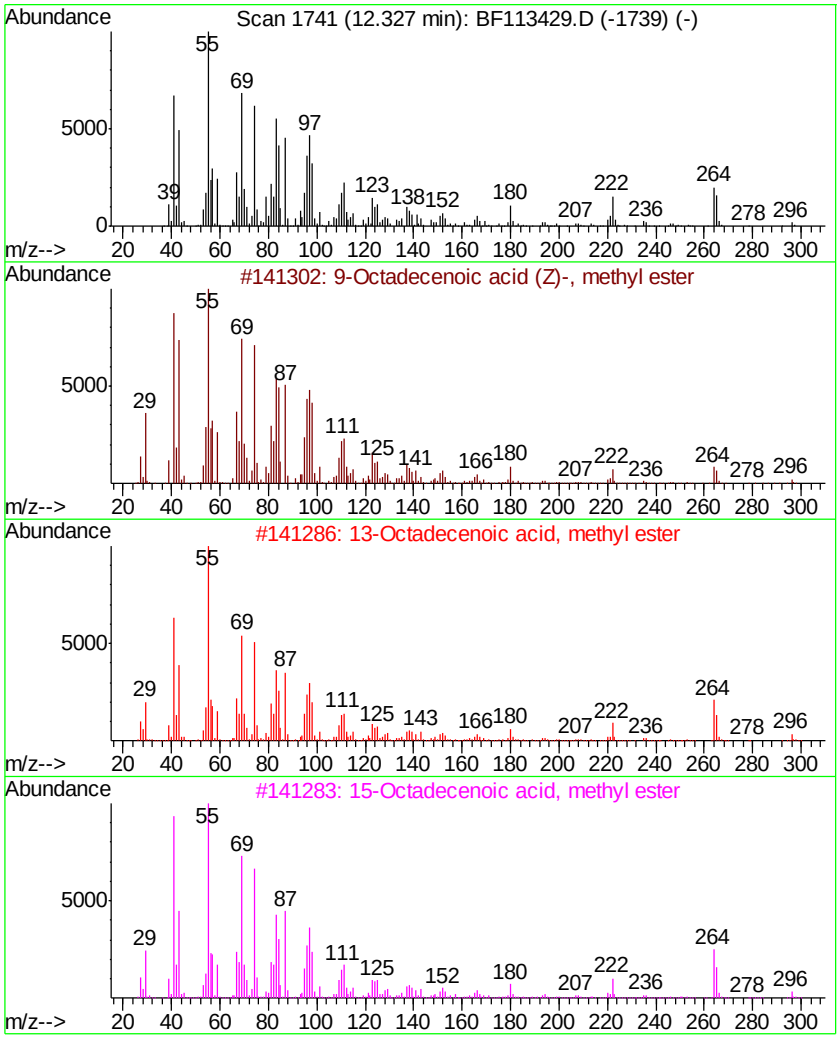
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

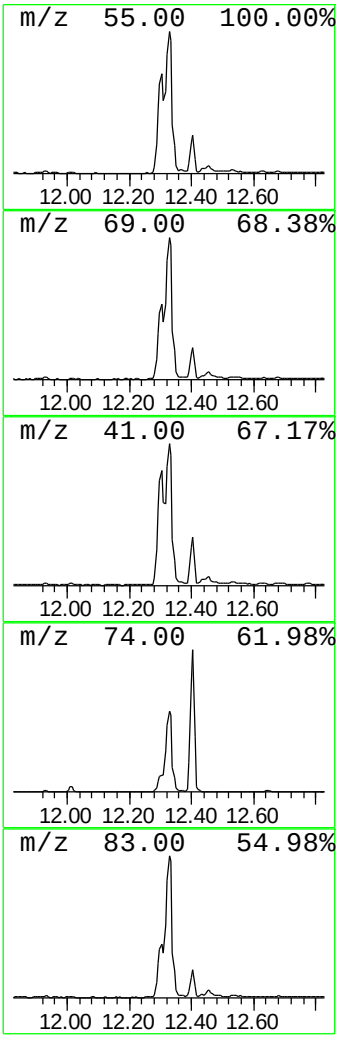
****

Peak Number 14 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	153.21 ng	8557310	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
4	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99





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Sample : K1685-11 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-032819-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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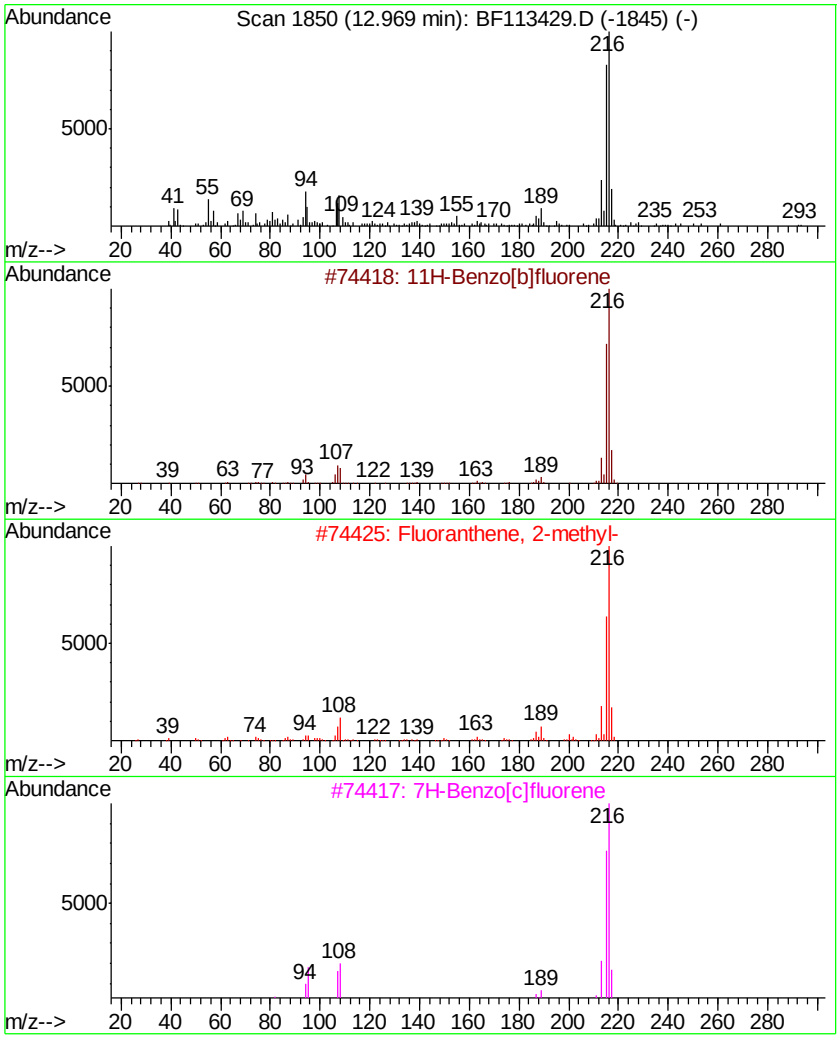
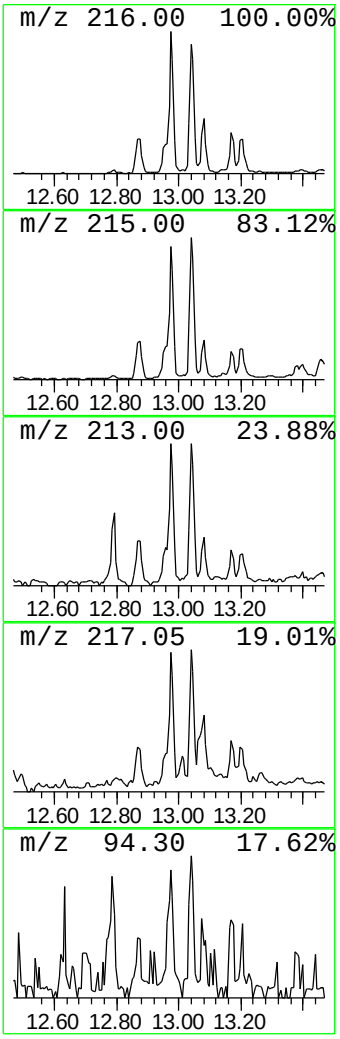
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	4.49 ng	394747	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91





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Instrument : BNA_F
ClientSampleId : AU-06-032819-B

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

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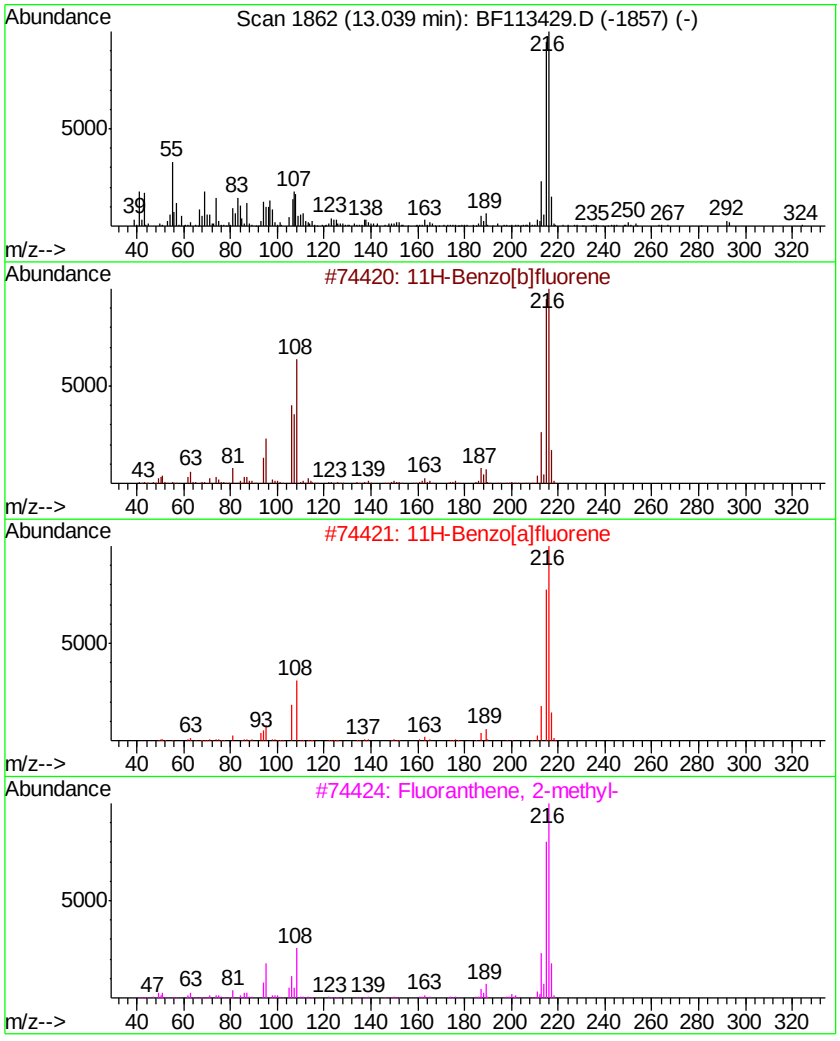
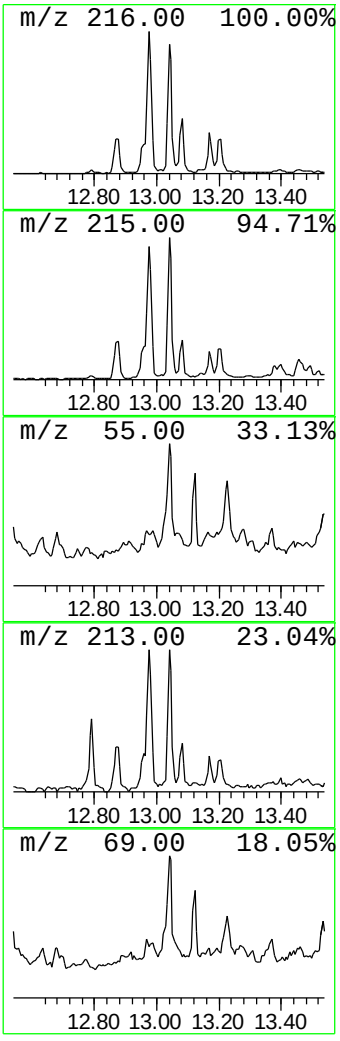
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	5.50 ng	483260	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	58
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	52





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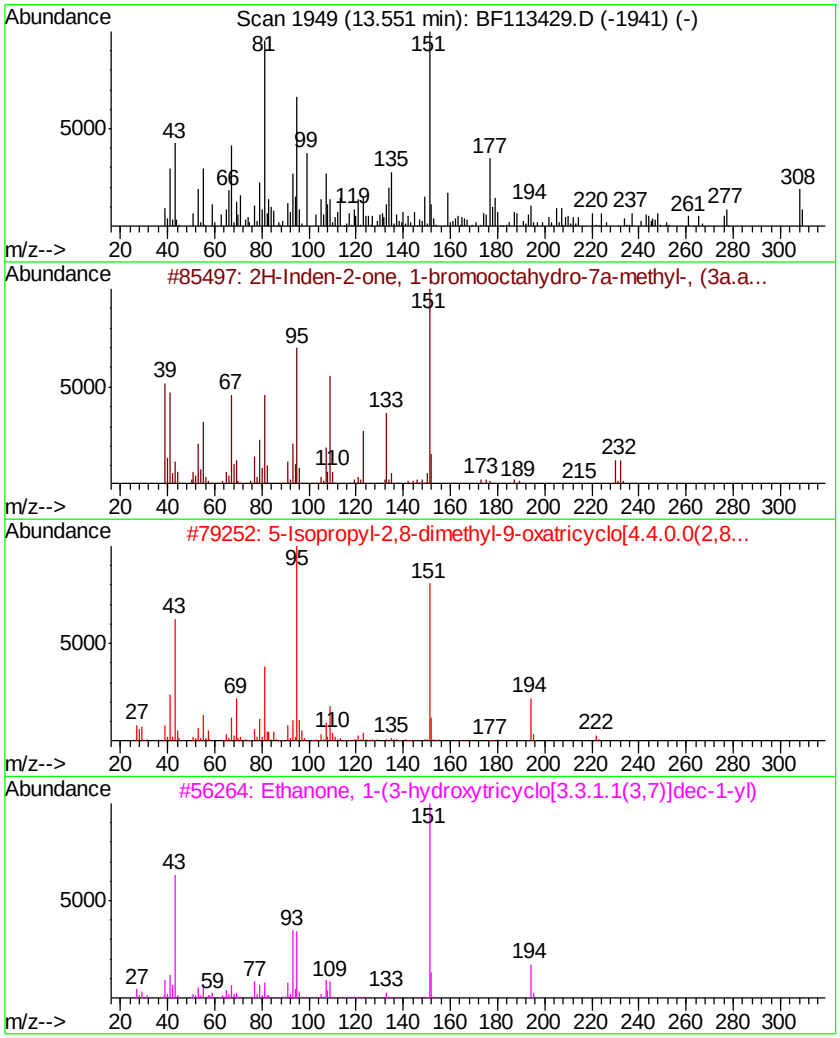
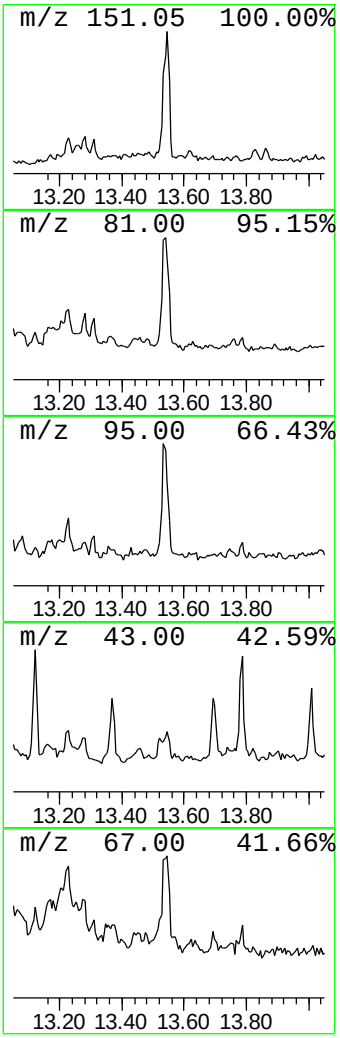
Peak Number 17 unknown13.55 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	2.87 ng	252237	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Inden-2-one, 1-bromooctahydro...	230	C10H15BrO	054725-15-4	41
2	5-Isopropyl-2,8-dimethyl-9-oxatr...	222	C14H22O2	1000185-23-8	38
3	Ethanone, 1-(3-hydroxytricyclo[3...	194	C12H18O2	039917-38-9	30
4	3,4-Dimethoxyphenylethylamine, N...	277	C12H14F3NO3	013230-71-2	11
5	L-Fenchone	152	C10H16O	007787-20-4	11





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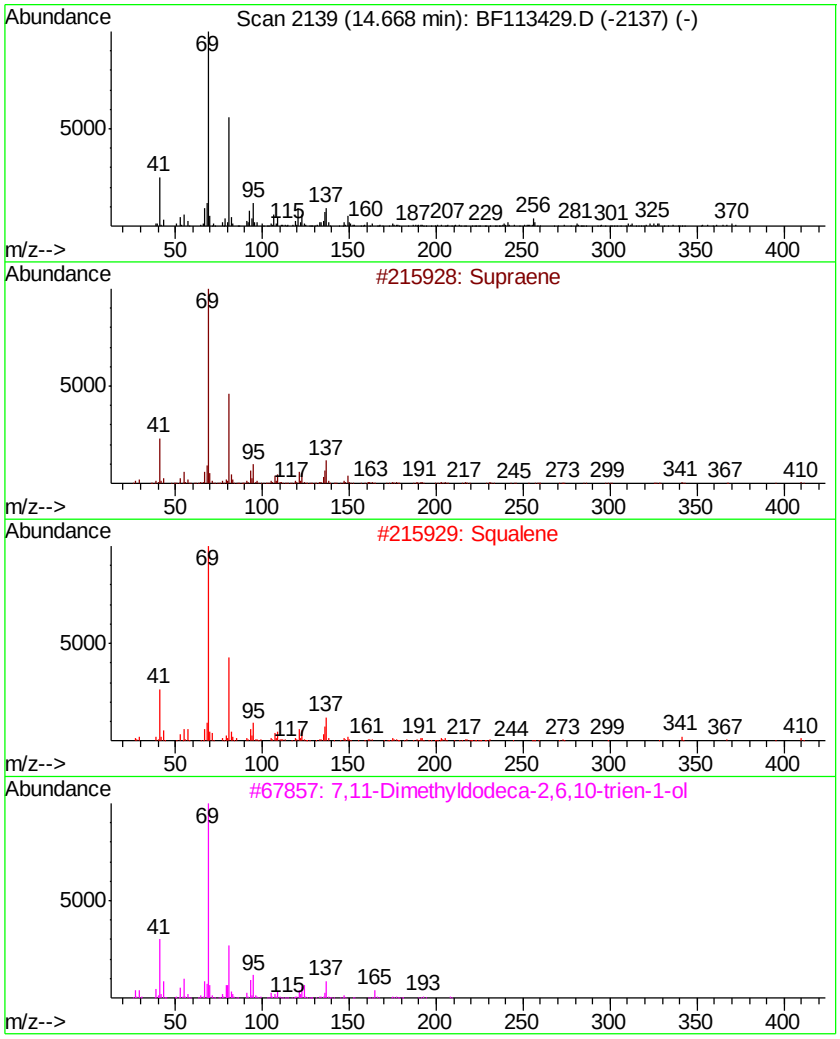
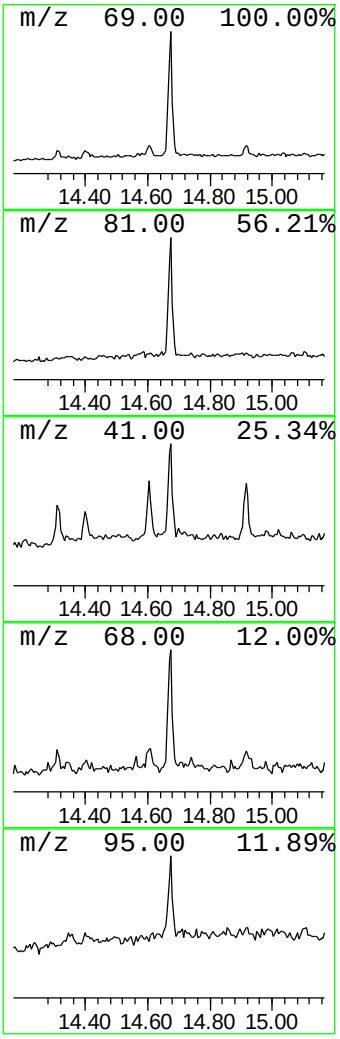
Peak Number 18 Supraene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	2.49 ng	158048	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	87
2	Squalene	410	C30H50	000111-02-4	80
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
4	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52
5	2,6-Octadiene, 2,7-dimethyl-	138	C10H18	016736-42-8	50





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Instrument : BNA_F
ClientSampleId : AU-06-032819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

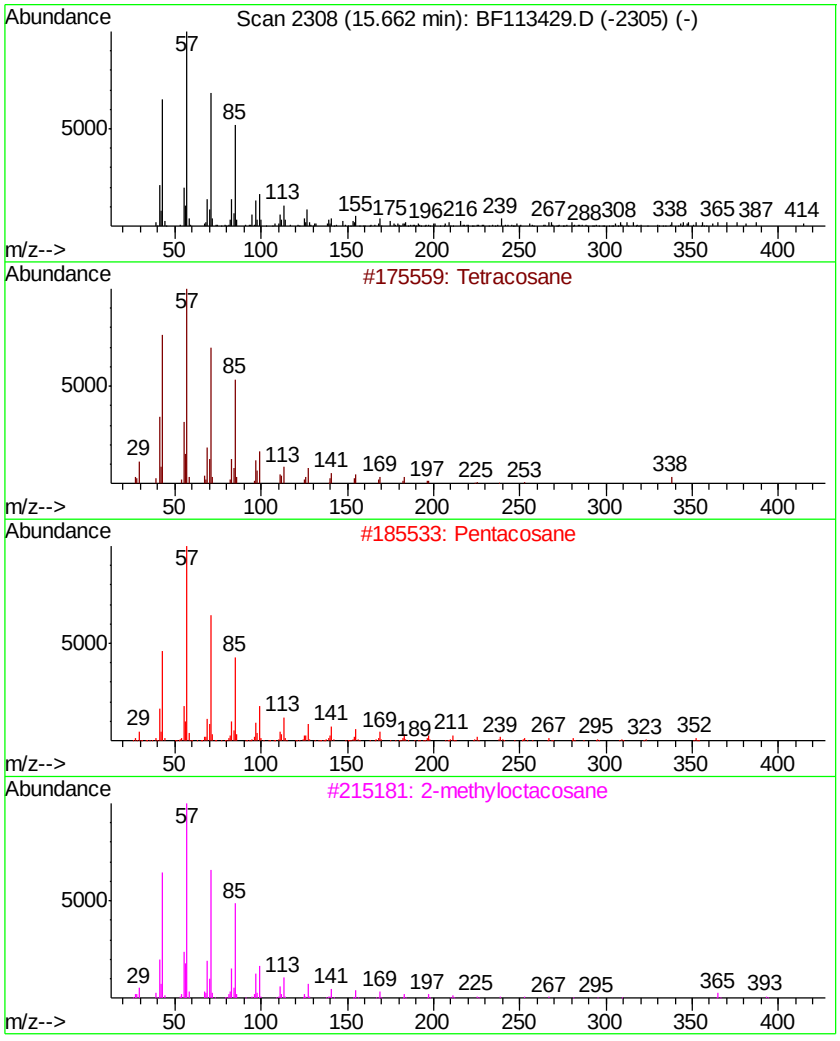
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

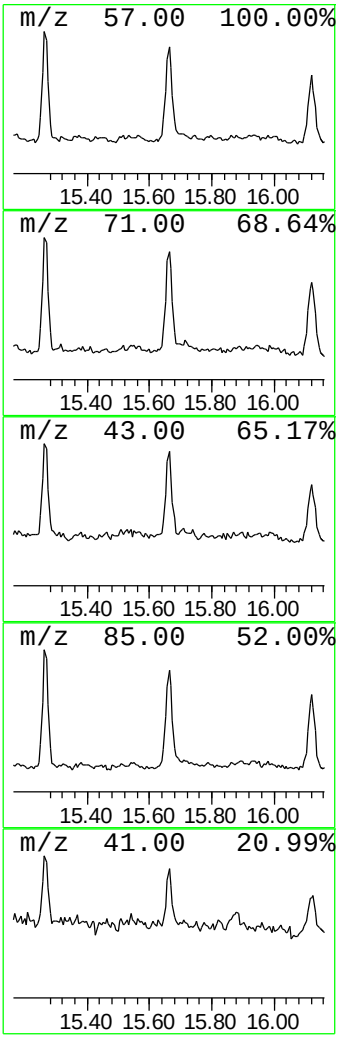
****

Peak Number 20 Tetracosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	2.34 ng	148325	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Pentacosane	352	C25H52	000629-99-2	93
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
5	Heneicosane	296	C21H44	000629-94-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113429.D
Acq On : 29 Mar 2019 22:46
Operator : JU/SJ
Sample : K1685-11 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-032819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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
unknown6.47	6.47	32.2	ng	1207730	1	6.70	749815	20.0
Naphthalene, 1,6-...	9.33	4.9	ng	281764	3	9.73	1159650	20.0
Undecanoic acid, ...	9.79	3.1	ng	179046	3	9.73	1159650	20.0
Methyl tetradecan...	10.75	3.6	ng	201981	4	11.21	1117060	20.0
9-Hexadecenoic ac...	11.53	4.5	ng	250946	4	11.21	1117060	20.0
Hexadecanoic acid...	11.62	78.5	ng	4383080	4	11.21	1117060	20.0
Phenanthrene, 2-m...	11.71	2.4	ng	131176	4	11.21	1117060	20.0
n-Hexadecanoic acid	11.75	9.2	ng	512738	4	11.21	1117060	20.0
4H-Cyclopenta[def...	11.82	5.9	ng	327359	4	11.21	1117060	20.0
7-Hexadecenoic ac...	11.93	3.5	ng	192473	4	11.21	1117060	20.0
Heptadecanoic aci...	12.01	2.5	ng	136884	4	11.21	1117060	20.0
10,13-Octadecadie...	12.30	176.0	ng	9827970	4	11.21	1117060	20.0
9-Octadecenoic ac...	12.33	153.2	ng	8557310	4	11.21	1117060	20.0
11H-Benzo[b]fluorene	12.97	4.5	ng	394747	5	13.84	1756910	20.0
11H-Benzo[a]fluorene	13.04	5.5	ng	483260	5	13.84	1756910	20.0
unknown13.55	13.55	2.9	ng	252237	5	13.84	1756910	20.0
Supraene	14.67	2.5	ng	158048	6	15.24	1268070	20.0
Tetracosane	15.66	2.3	ng	148325	6	15.24	1268070	20.0