LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109346.D
Acq On : 26 Sep 2018 19:29
Operator : JU/SJ
Sample : J4773-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-092518-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-BF092218.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	4.887	473	476	484	rBV	43071	53988	3.23%	0.235%
2	5.310	544	548	558	rBV	1529352	1367386	81.90%	5.940%
3	6.340	719	723	726	rBV	1577032	1477496	88.50%	6.419%
4	6.475	742	746	749	rBV	1767556	1481516	88.74%	6.436%
5	6.704	782	785	789	rBV	798280	623028	37.32%	2.707%
6	6.863	808	812	815	rBV	1391831	1115600	66.82%	4.847%
7	7.263	876	880	883	rBV	1090214	917413	54.95%	3.986%
8	7.987	999	1003	1006	rBV	1046502	826917	49.53%	3.592%
9	8.592	1102	1106	1109	rBV	30010	26652	1.60%	0.116%
10	9.063	1182	1186	1189	rBV	2206825	1669493	100.00%	7.253%
11	9.157	1196	1202	1205	rBV3	49923	46876	2.81%	0.204%
12	9.328	1227	1231	1235	rBV5	20549	23590	1.41%	0.102%
13	9.457	1250	1253	1256	rBV	592517	449874	26.95%	1.954%
14	9.681	1289	1291	1295	rVB	52733	46632	2.79%	0.203%
15	9.739	1295	1301	1304	rBV	976487	908423	54.41%	3.946%
16	10.180	1373	1376	1379	rVB	67105	48927	2.93%	0.213%
17	10.280	1390	1393	1400	rBV2	27412	30975	1.86%	0.135%
18	10.398	1410	1413	1417	rBV2	23416	29150	1.75%	0.127%
19	10.439	1417	1420	1425	rVB3	15549	24249	1.45%	0.105%
20	10.522	1430	1434	1439	rBV	968032	920062	55.11%	3.997%
21	10.651	1453	1456	1465	rBV	79030	94119	5.64%	0.409%
22	11.098	1529	1532	1535	rBV3	60988	54923	3.29%	0.239%
23	11.127	1535	1537	1542	rVB2	26555	26589	1.59%	0.116%
24	11.216	1548	1552	1554	rBV	807650	777692	46.58%	3.379%
25	11.233	1554	1555	1559	rVV	170843	119991	7.19%	0.521%
26	11.286	1559	1564	1567	rVB	66234	59834	3.58%	0.260%
27	11.522	1599	1604	1606	rBV2	48366	46655	2.79%	0.203%
28	11.622	1617	1621	1624	rBV	995935	801559	48.01%	3.482%
29	11.716	1634	1637	1639	rBV	38733	34698	2.08%	0.151%
30	11.751	1639	1643	1646	rVV2	107838	115753	6.93%	0.503%
31	11.822	1652	1655	1658	rBV2	79456	83200	4.98%	0.361%
32	11.845	1658	1659	1665	rVB	34792	26577	1.59%	0.115%
33	11.927	1670	1673	1675	rBV	39143	33497	2.01%	0.146%
34	12.010	1681	1687	1688	rBV	25745	26618	1.59%	0.116%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J4773-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-092518-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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.027	1688	1690	1695	rVB4	23343	26118	1.56%	0.113%
36	12.263	1727	1730	1733	rBV	43006	42287	2.53%	0.184%
37	12.304	1733	1737	1739	rVV	1618117	1582655	94.80%	6.876%
38	12.327	1739	1741	1748	rVB	1555703	1381449	82.75%	6.001%
39	12.416	1751	1756	1760	rBV2	478478	567228	33.98%	2.464%
40	12.463	1760	1764	1766	rVV4	24176	27886	1.67%	0.121%
41	12.645	1790	1795	1798	rBV	342972	332555	19.92%	1.445%
42	12.686	1798	1802	1805	rVV5	38983	46268	2.77%	0.201%
43	12.769	1809	1816	1817	rBV2	27625	40849	2.45%	0.177%
44	12.792	1817	1820	1824	rBV	1379246	1198952	71.82%	5.209%
45	12.869	1831	1833	1837	rBV	19409	25032	1.50%	0.109%
46	12.974	1845	1851	1855	rBV2	74361	100683	6.03%	0.437%
47	13.039	1859	1862	1866	rVV	82332	82711	4.95%	0.359%
48	13.074	1866	1868	1871	rVV2	39830	35891	2.15%	0.156%
49	13.133	1876	1878	1880	rVV2	30698	23986	1.44%	0.104%
50	13.169	1881	1884	1886	rVV	36930	28922	1.73%	0.126%
51	13.198	1886	1889	1893	rVV	39441	38050	2.28%	0.165%
52	13.286	1901	1904	1907	rVB4	37436	47858	2.87%	0.208%
53	13.351	1912	1915	1918	rBV5	13710	23042	1.38%	0.100%
54	13.380	1918	1920	1925	rVB2	45830	46250	2.77%	0.201%
55	13.545	1945	1948	1952	rBV2	80535	113383	6.79%	0.493%
56	13.586	1953	1955	1959	rVB3	26420	29185	1.75%	0.127%
57	13.710	1973	1976	1982	rVB2	88893	110969	6.65%	0.482%
58	13.839	1993	1998	2001	rBV2	921969	957400	57.35%	4.159%
59	13.863	2001	2002	2005	rVB	146315	92114	5.52%	0.400%
60	14.021	2027	2029	2033	rVB2	55194	46301	2.77%	0.201%
61	14.327	2078	2081	2083	rBV2	48071	52974	3.17%	0.230%
62	14.621	2129	2131	2136	rVB3	63074	67192	4.02%	0.292%
63	14.845	2166	2169	2178	rVB	128143	245982	14.73%	1.069%
64	14.939	2182	2185	2190	rVB3	70594	86127	5.16%	0.374%
65	15.121	2214	2216	2223	rVB	93693	111474	6.68%	0.484%
66	15.180	2223	2226	2232	rBV	111144	145184	8.70%	0.631%
67	15.245	2232	2237	2240	rBV	513144	610153	36.55%	2.651%
68	15.686	2309	2312	2317	rBV	59346	88346	5.29%	0.384%
69	15.898	2346	2348	2355	rVB3	51045	70989	4.25%	0.308%
70	16.151	2388	2391	2402	rVB3	48627	102119	6.12%	0.444%

LSC Area Percent Report

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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
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Sum of corrected areas: 23018516

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
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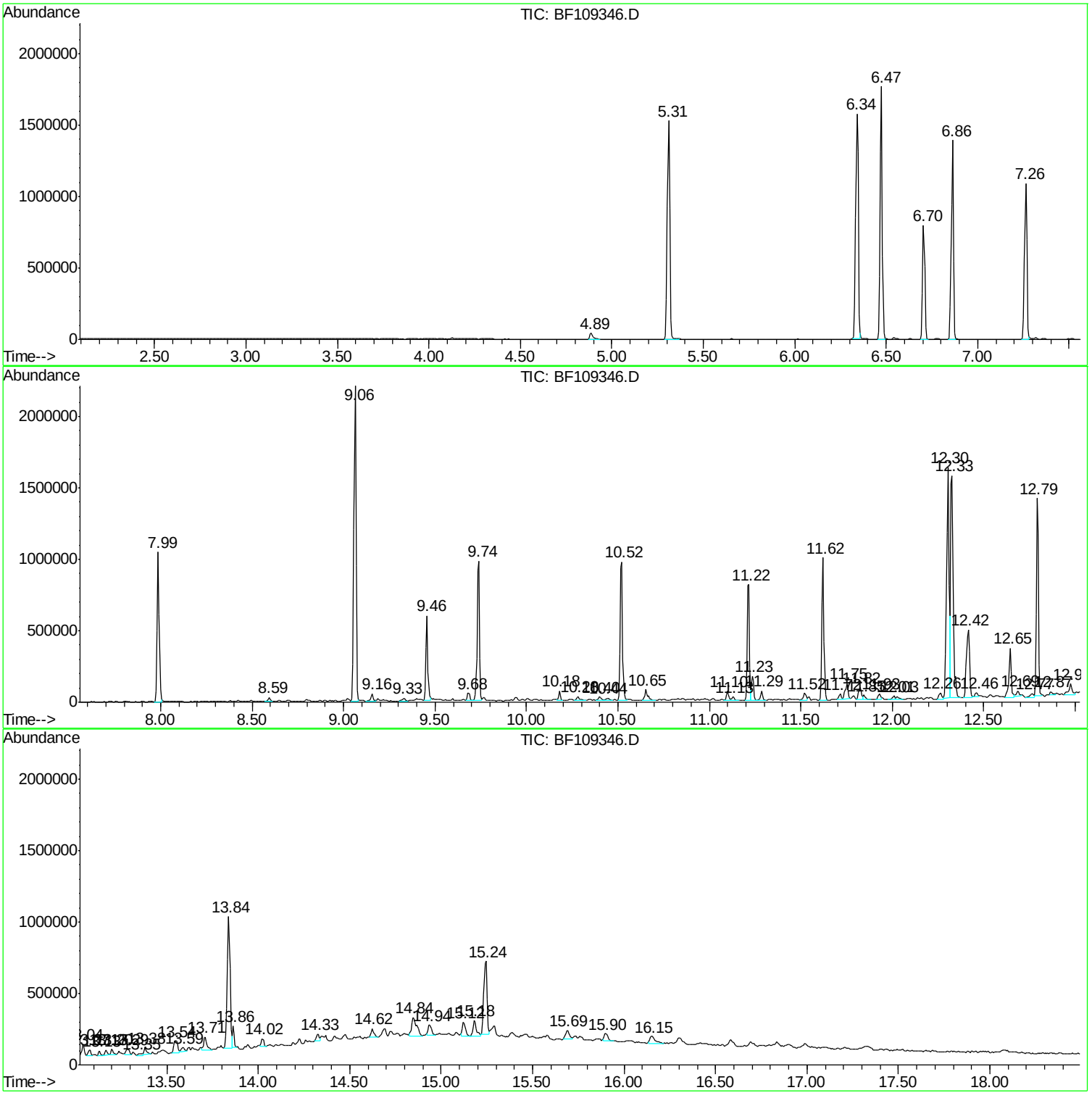
Sample : J4773-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-092518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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\BF092618\
Data File : BF109346.D
Acq On : 26 Sep 2018 19:29
Operator : JU/SJ
Sample : J4773-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-092518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

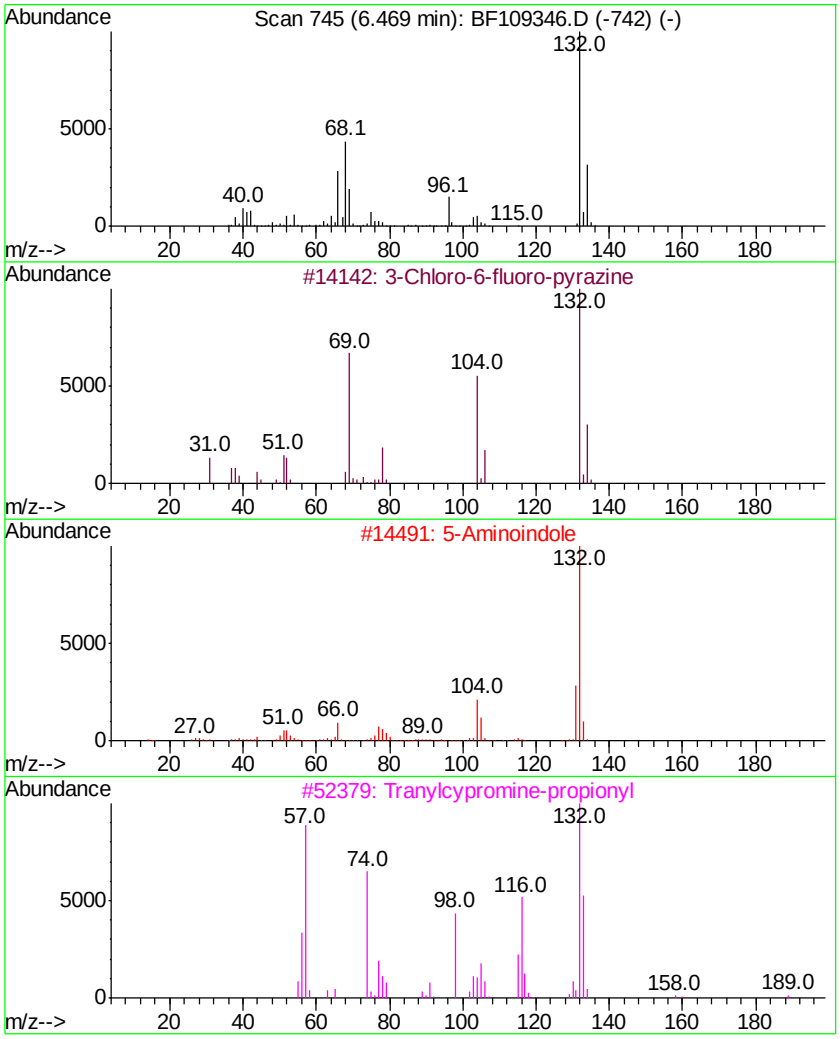
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

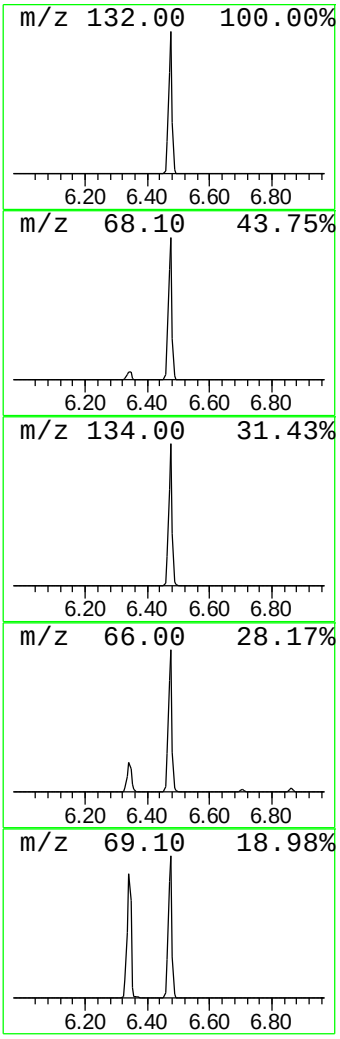
****

Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	47.56 ng	1481520	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109346.D
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Operator : JU/SJ
Sample : J4773-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-092518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

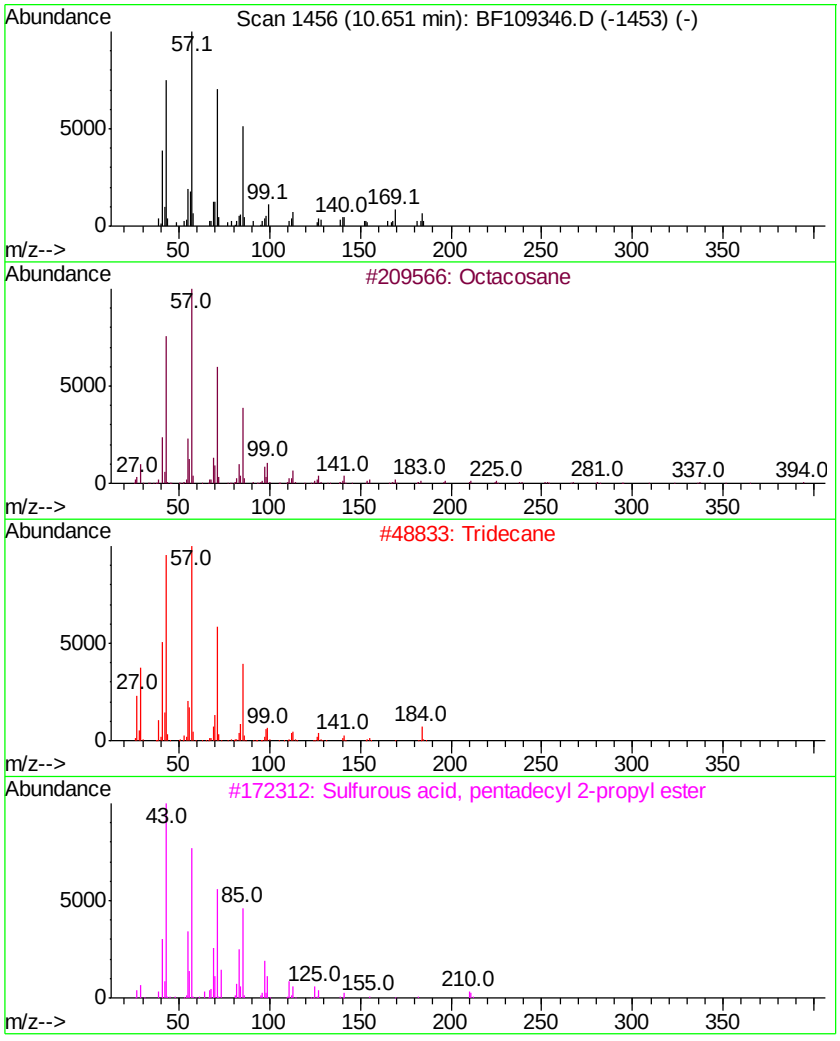
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

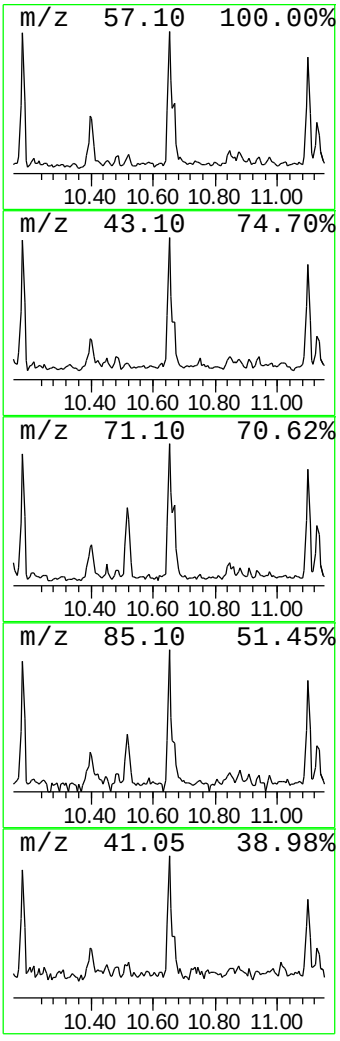
****

Peak Number 3 Octacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	2.42 ng	94119	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Tridecane	184	C13H28	000629-50-5	87
3	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Pentadecane	212	C15H32	000629-62-9	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109346.D
Acq On : 26 Sep 2018 19:29
Operator : JU/SJ
Sample : J4773-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-092518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

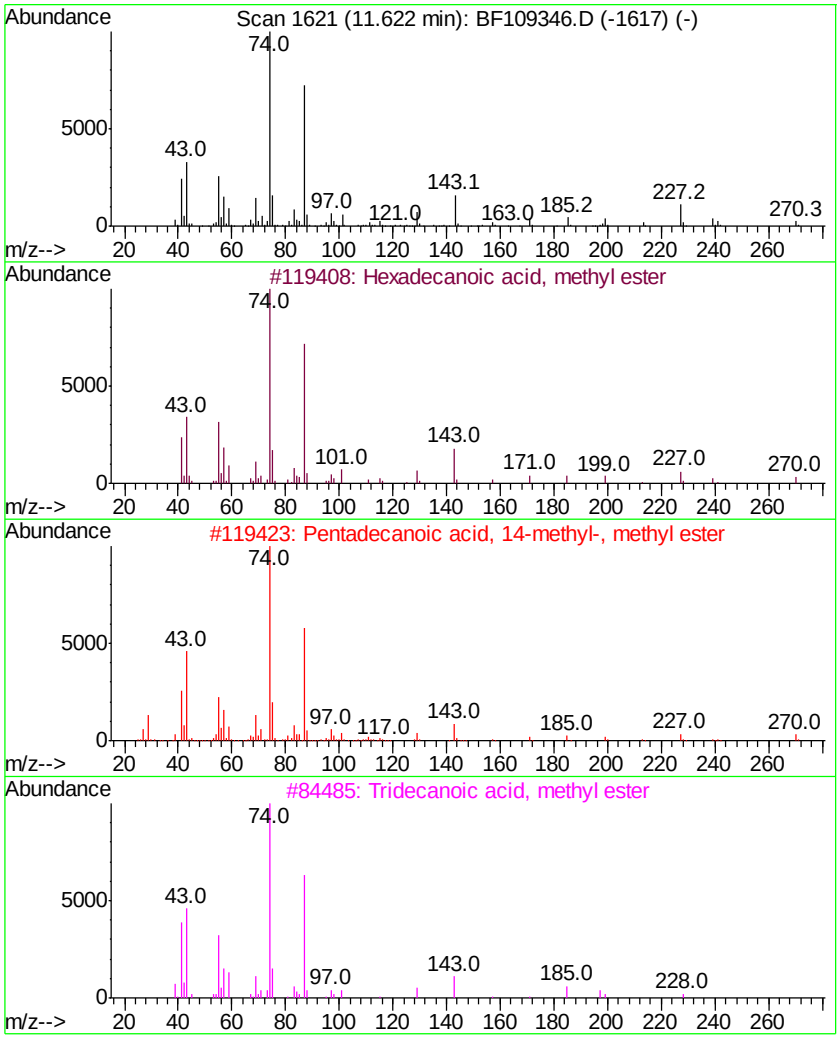
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

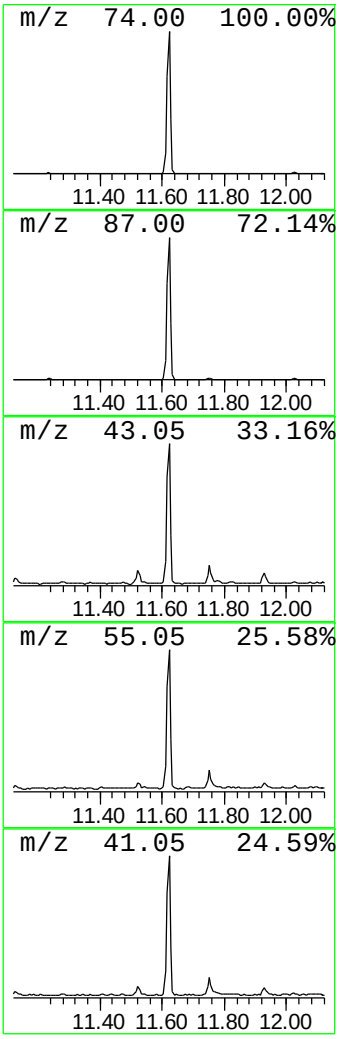
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	20.61 ng	801559	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80
5	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	72





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : CL-02-092518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

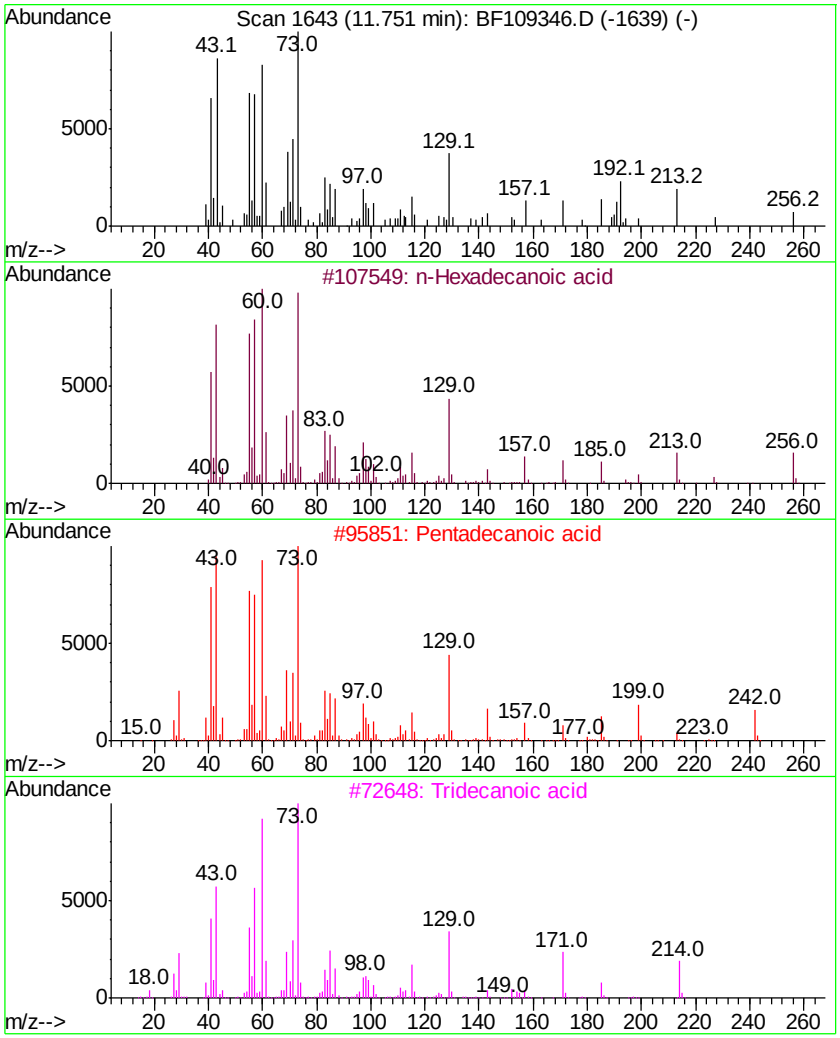
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

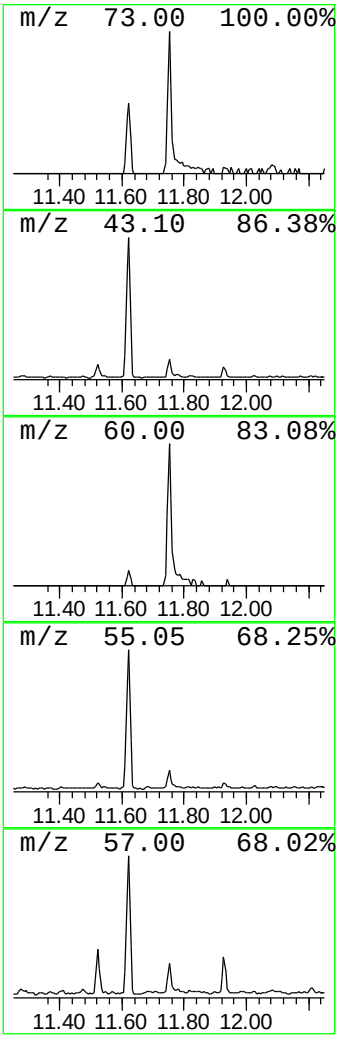
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.98 ng	115753	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	20
5	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	18





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-092518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

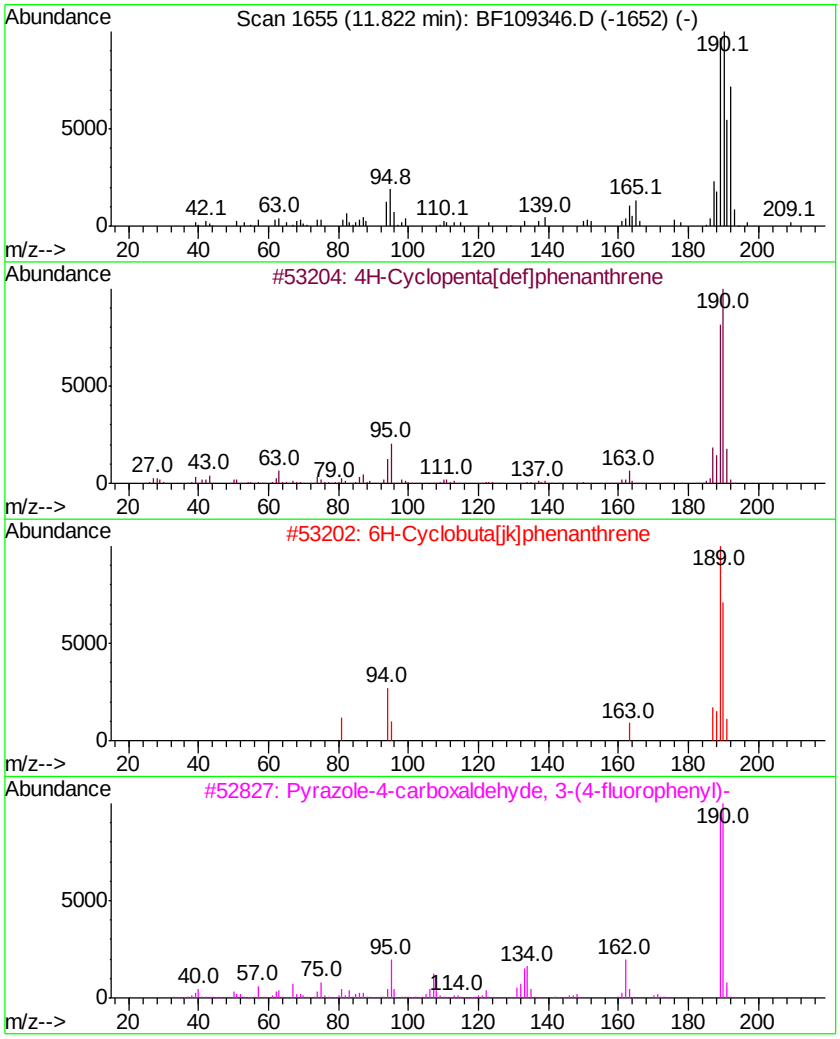
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

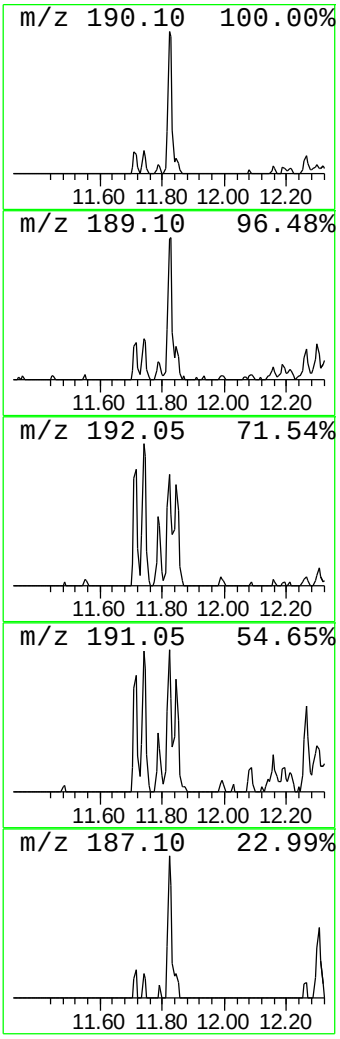
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	2.14 ng	83200	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	46
4	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	30
5	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27





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Data File : BF109346.D
Acq On : 26 Sep 2018 19:29
Operator : JU/SJ
Sample : J4773-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-092518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

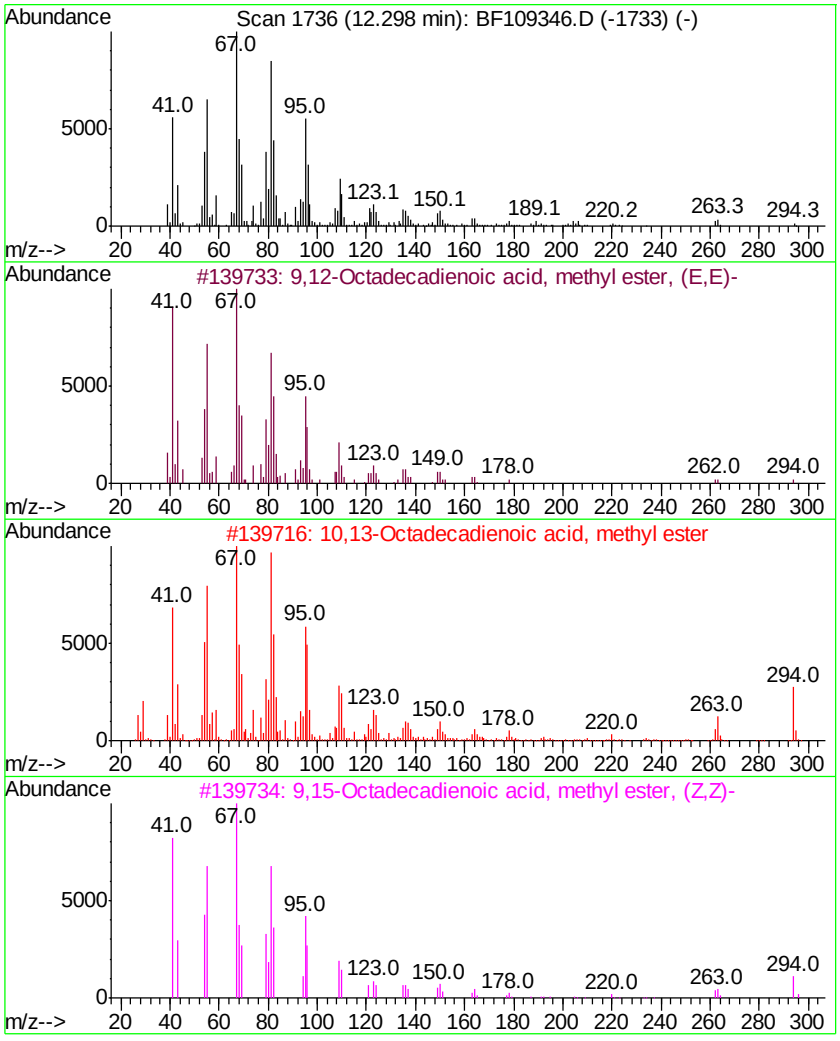
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

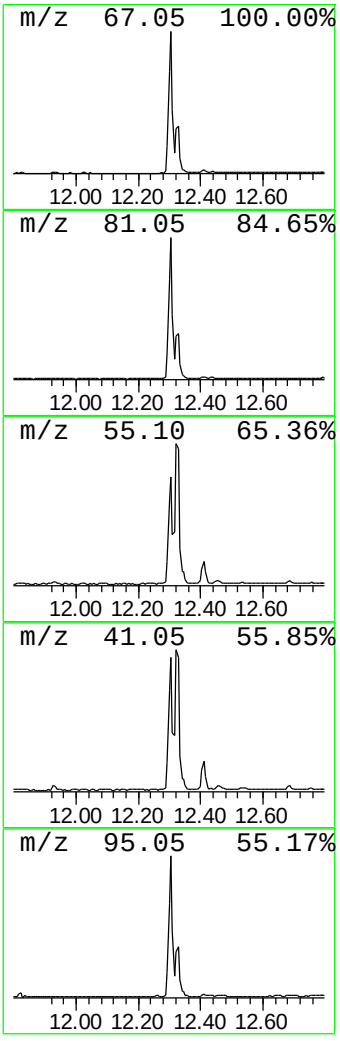
****

Peak Number 7 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	40.70 ng	1582660	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	98





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Misc :
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TIC Integration Parameters: LSCINT.P

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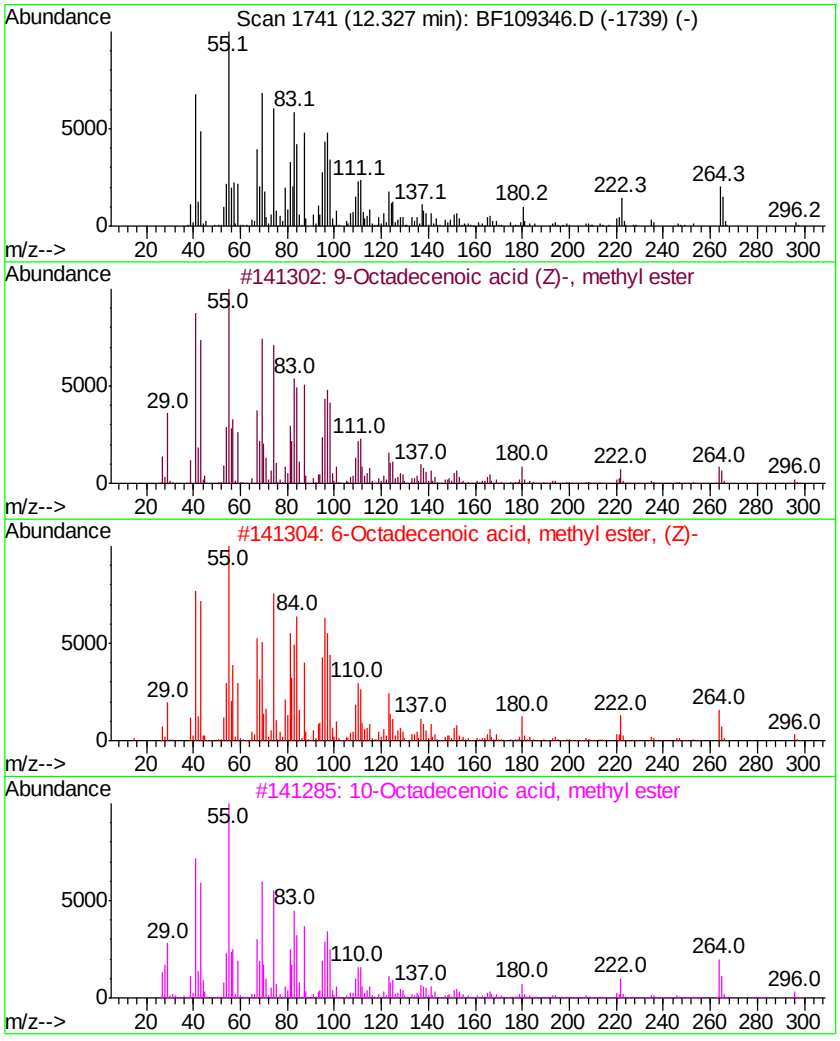
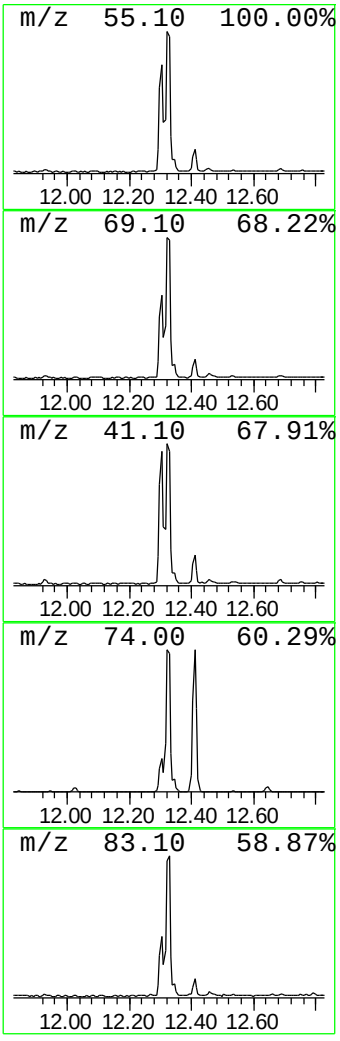
Peak Number 8 9-Octadecenoic acid (Z)-, m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	35.53 ng	1381450	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99
3	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
4	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99





Library Search Compound Report

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Data File : BF109346.D
Acq On : 26 Sep 2018 19:29
Operator : JU/SJ
Sample : J4773-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-092518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

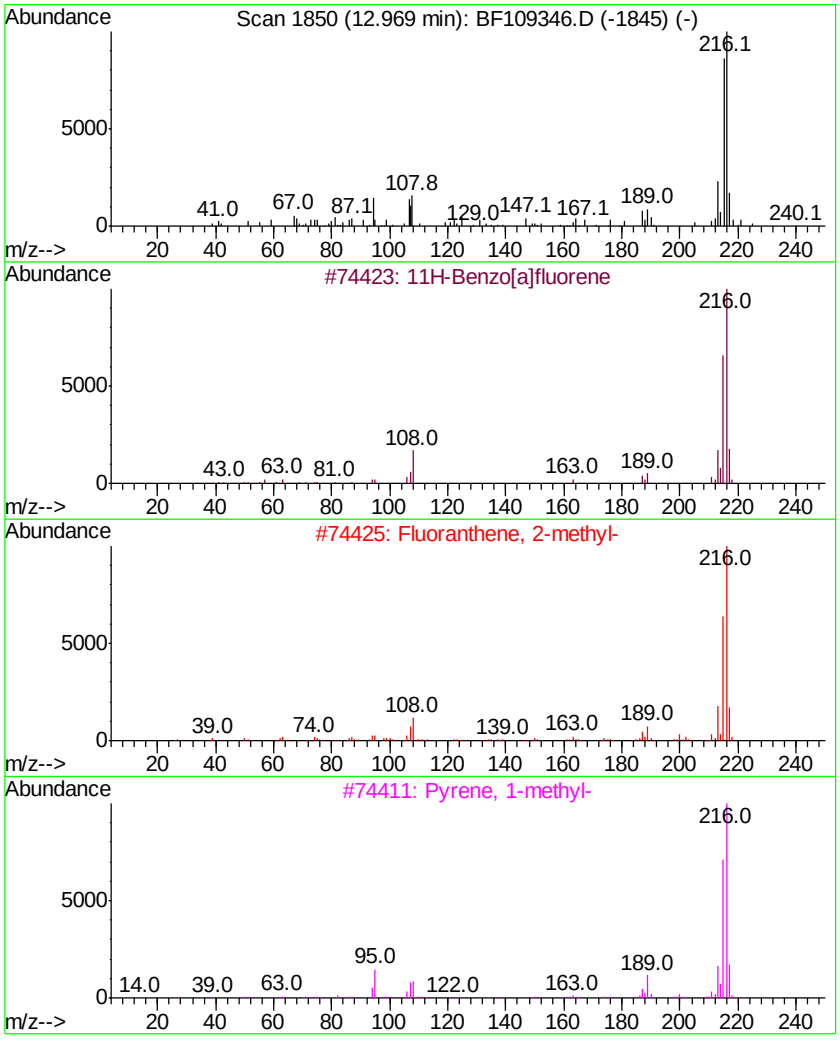
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

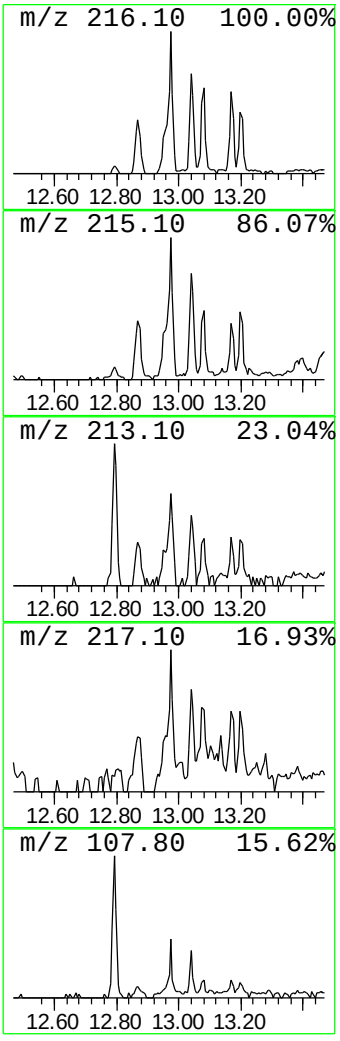
****

Peak Number 9 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	2.10 ng	100683	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





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Instrument : BNA_F
ClientSampleId : CL-02-092518-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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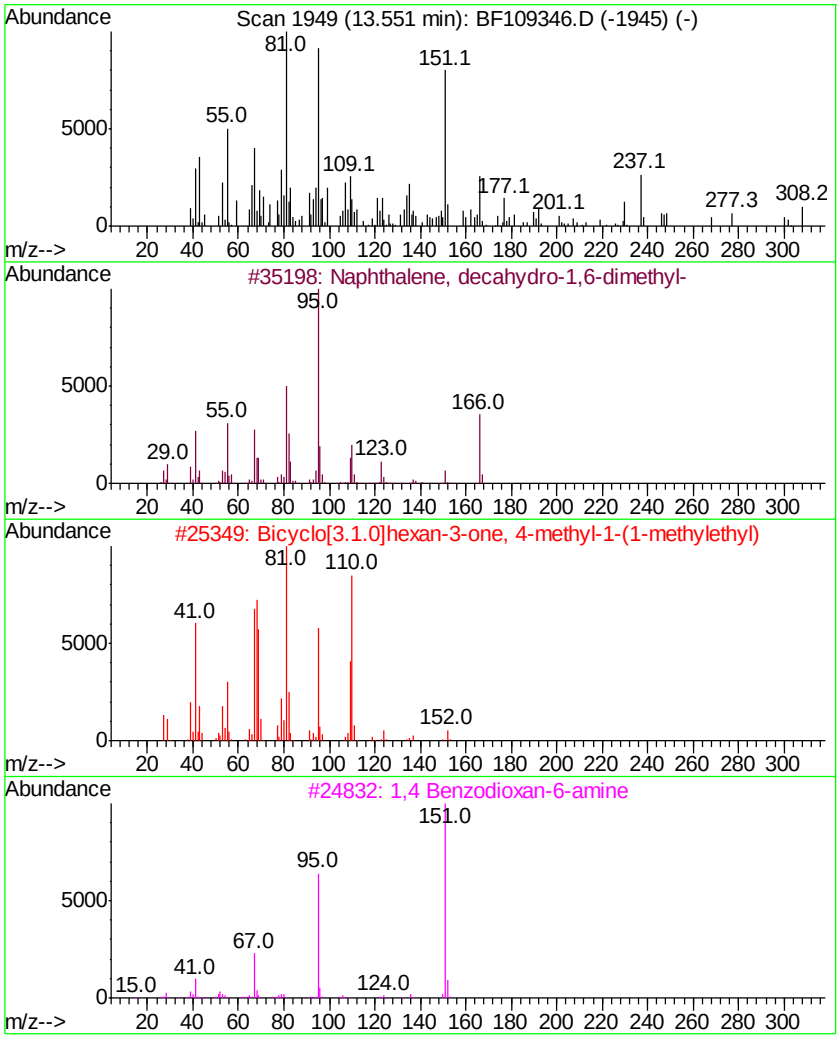
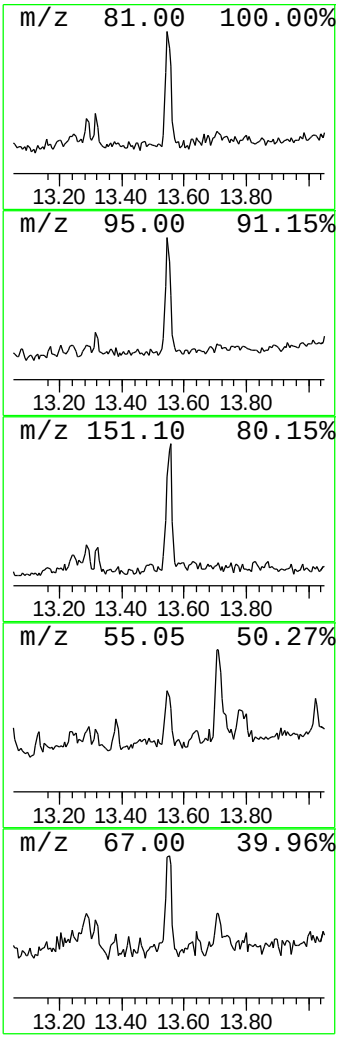
Peak Number 10 unknown13.55 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	2.37 ng	113383	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-1,6-dimet...	166	C12H22	001750-51-2	41
2	Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	001125-12-8	27
3	1,4 Benzodioxan-6-amine	151	C8H9NO2	022013-33-8	22
4	2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	18
5	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	18





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Acq On : 26 Sep 2018 19:29
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Sample : J4773-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-092518-A

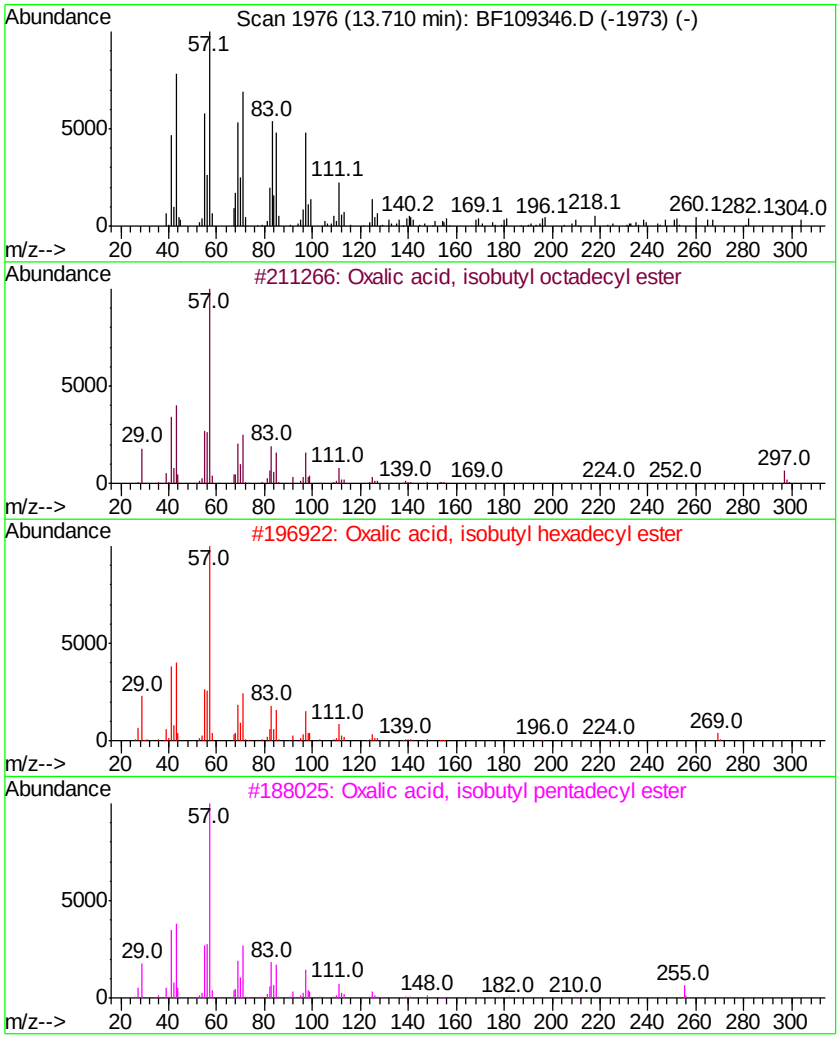
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

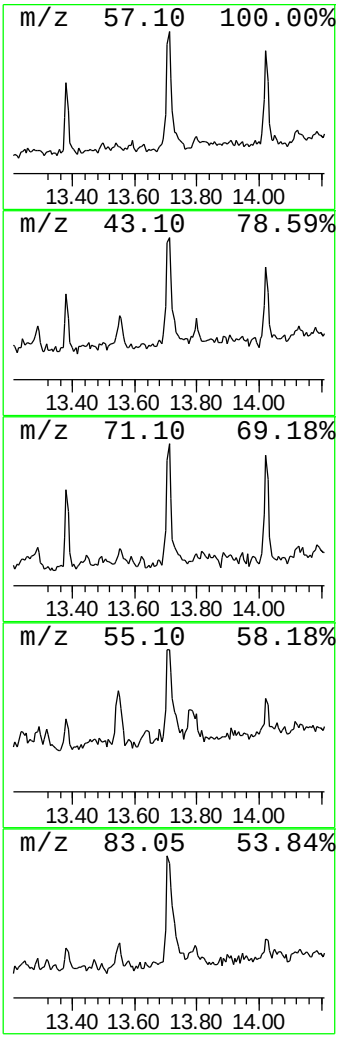
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Oxalic acid, isobutyl octad... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	2.32 ng	110969	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	83
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	83
3	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	83
4	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	83
5	Undecane	156	C11H24	001120-21-4	81





Library Search Compound Report

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Operator : JU/SJ
Sample : J4773-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-092518-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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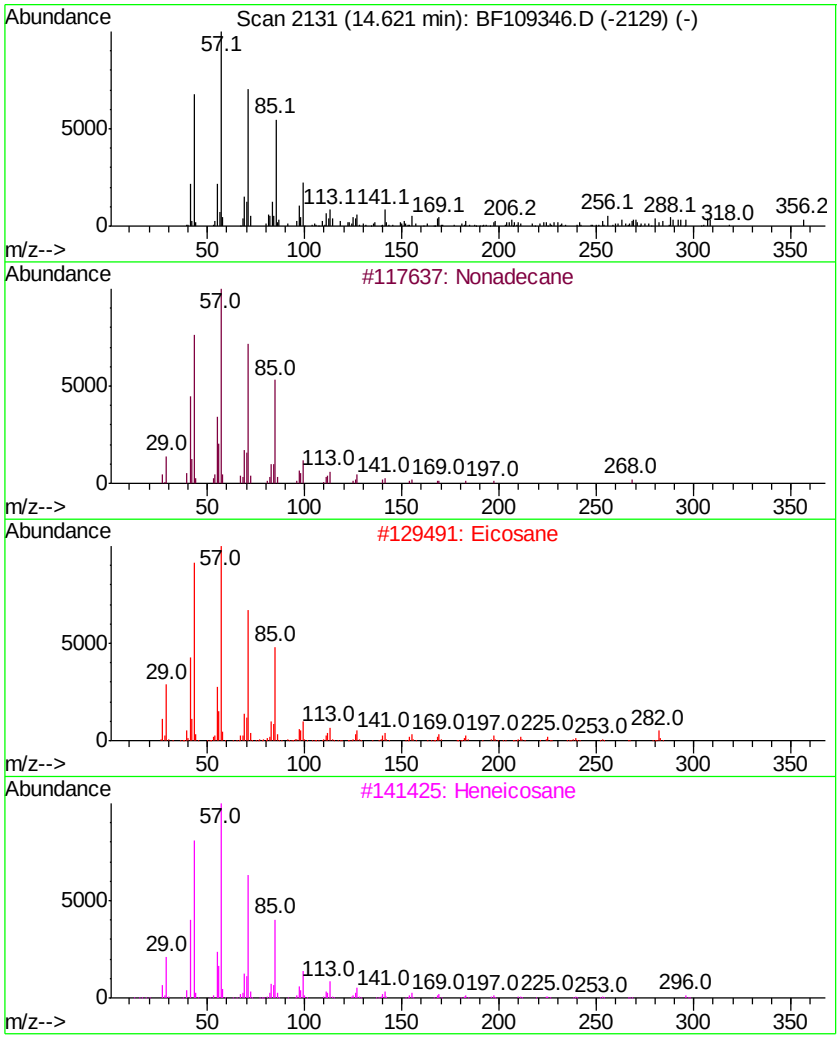
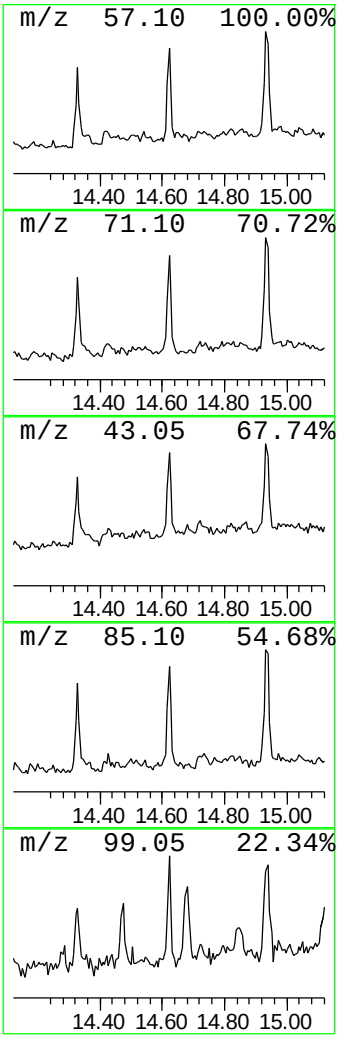
****

Peak Number 12 Nonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	2.20 ng	67192	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Eicosane	282	C20H42	000112-95-8	83
3	Heneicosane	296	C21H44	000629-94-7	76
4	Eicosane, 2-methyl-	296	C21H44	001560-84-5	76
5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	68





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-092518-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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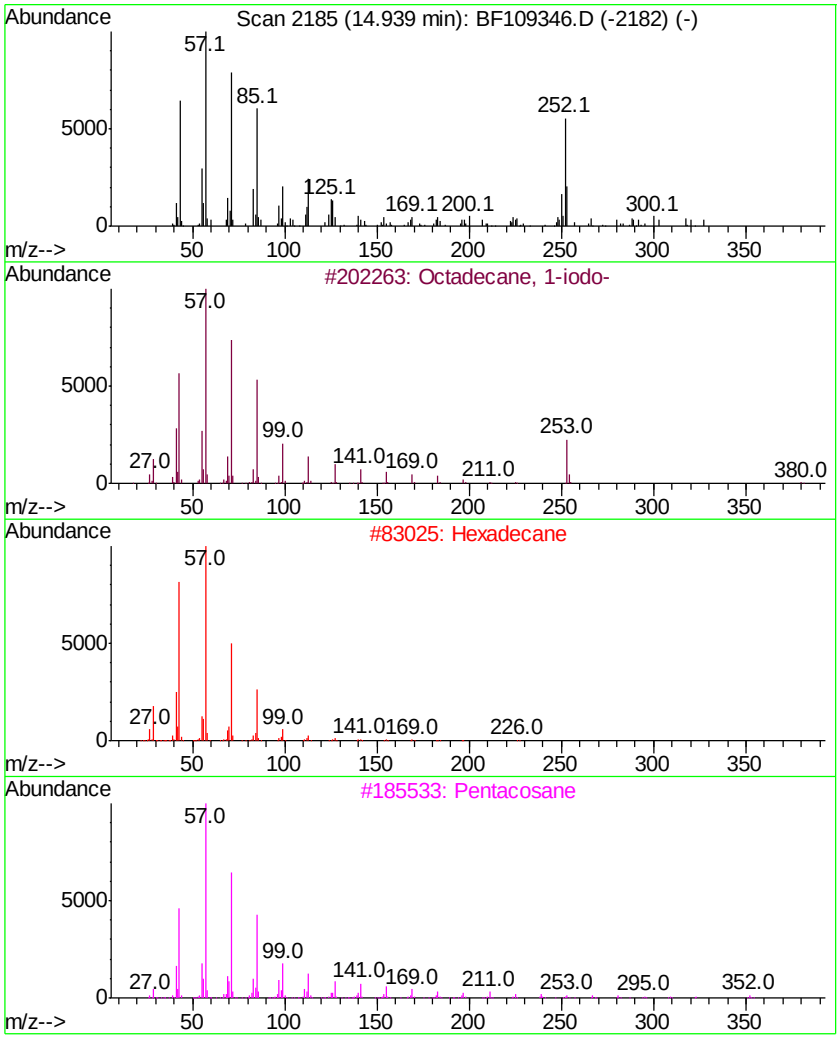
TIC Integration Parameters: LSCINT.P

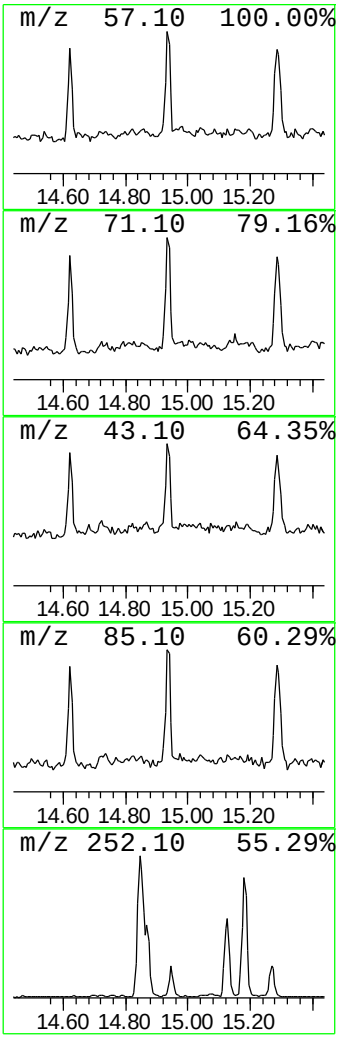
****

Peak Number 13 Octadecane, 1-iodo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	2.82 ng	86127	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	58
2	Hexadecane	226	C16H34	000544-76-3	53
3	Pentacosane	352	C25H52	000629-99-2	49
4	Docosane	310	C22H46	000629-97-0	49
5	Sulfurous acid, 2-ethylhexyl pen...	404	C23H48O3S	1000309-19-8	38





Library Search Compound Report

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Acq On : 26 Sep 2018 19:29
Operator : JU/SJ
Sample : J4773-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId : CL-02-092518-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

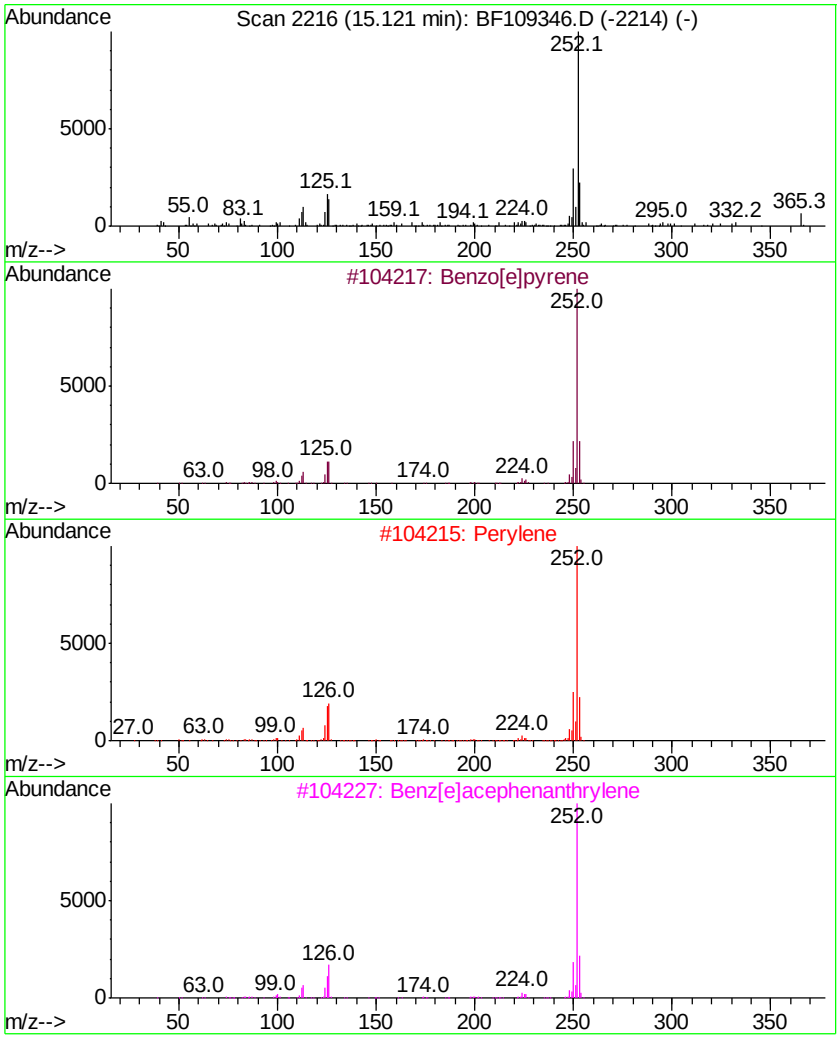
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

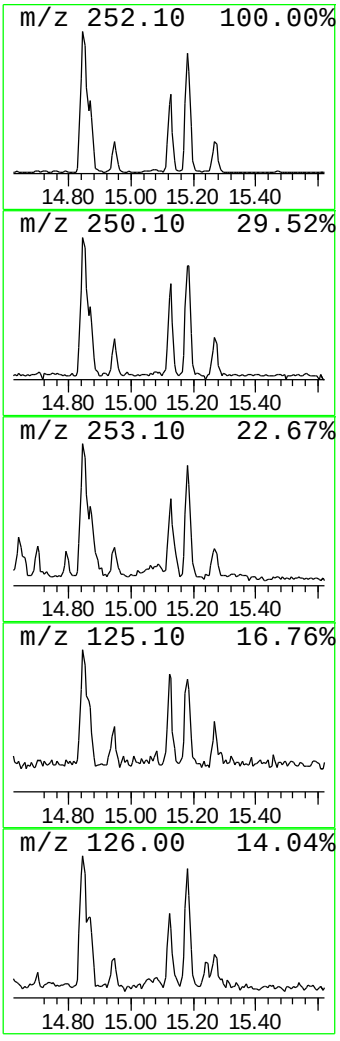
****

Peak Number 14 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	3.65 ng	111474	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





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Acq On : 26 Sep 2018 19:29
Operator : JU/SJ
Sample : J4773-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-092518-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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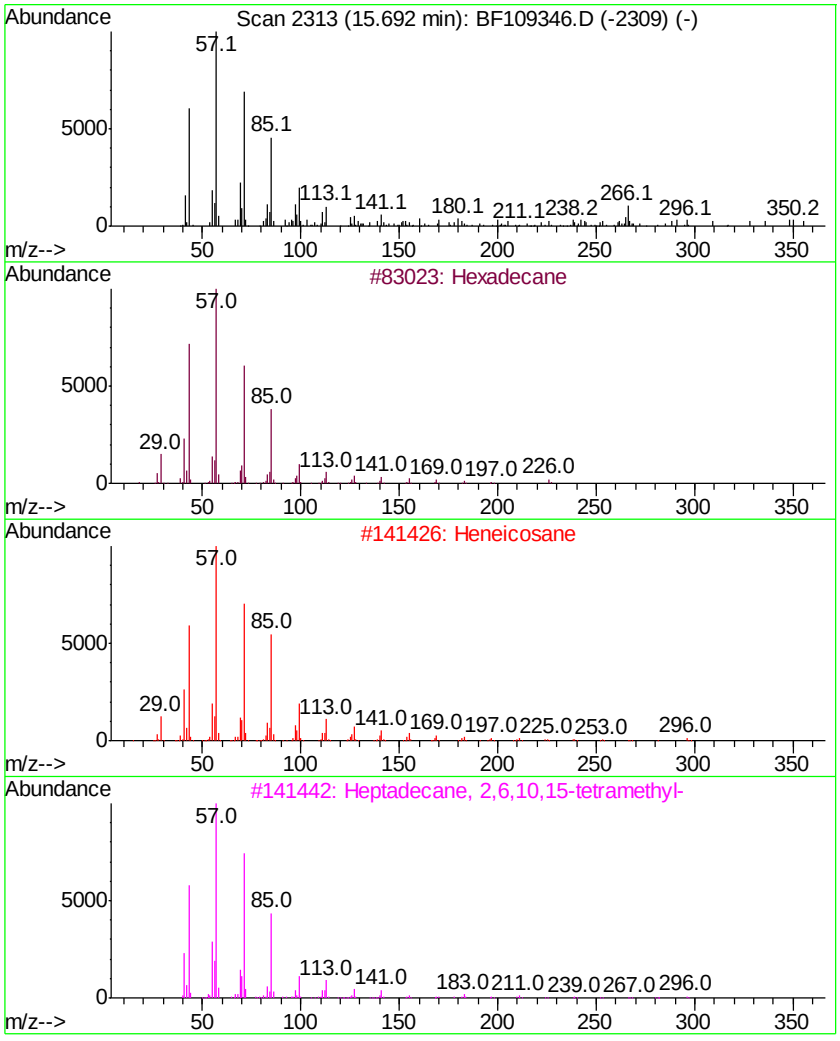
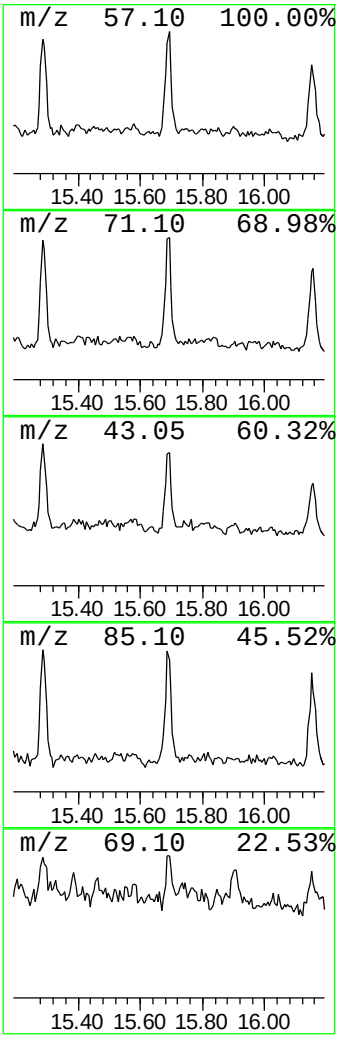
Peak Number 15 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	2.90 ng	88346	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Heneicosane	296	C21H44	000629-94-7	81
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
4	2-methyloctacosane	408	C29H60	1000376-72-8	68
5	Triacontane	422	C30H62	000638-68-6	68





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Sample : J4773-11
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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-092518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

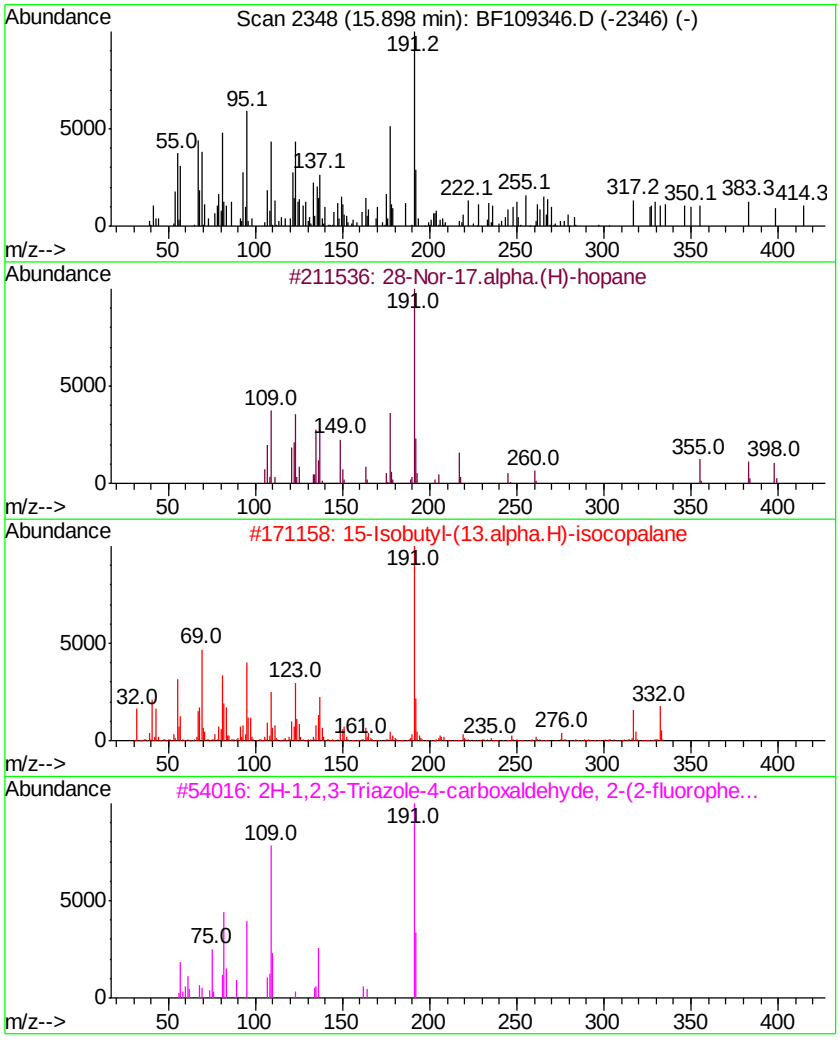
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

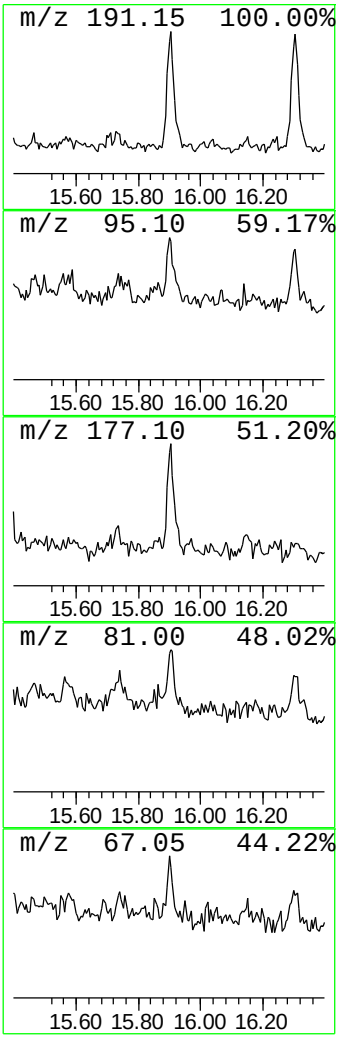
****

Peak Number 16 28-Nor-17.alpha.(H)-hopane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	2.33 ng	70989	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	87
2	15-Isobutyl-(13.alpha.H)-isocopa...	332	C24H44	087953-47-7	83
3	2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	38
4	Spiro[4H-1,3,2-benzodioxaborin-4...	234	C14H23BO2	062238-27-1	18
5	2-Buten-1-one, 1-(2,6,6-trimethy...	192	C13H20O	035044-68-9	18





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Sample : J4773-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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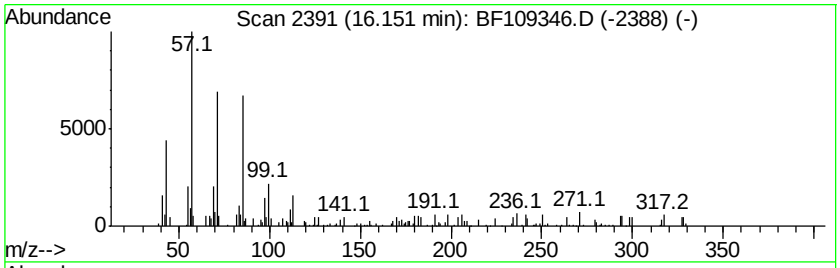
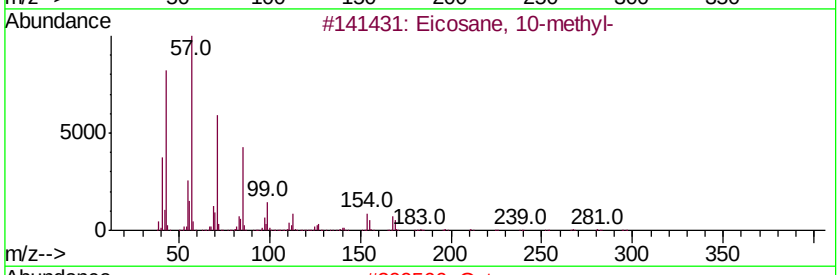
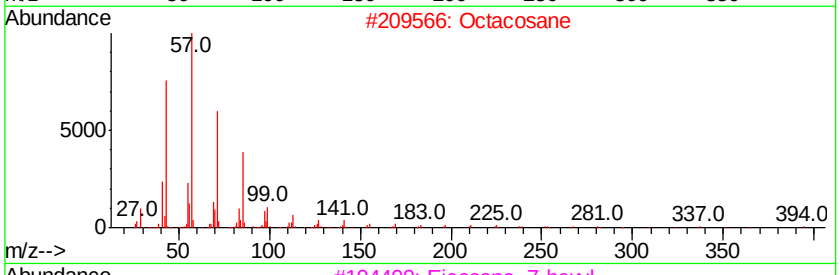
Peak Number 17 Eicosane, 10-methyl- Concentration Rank 7

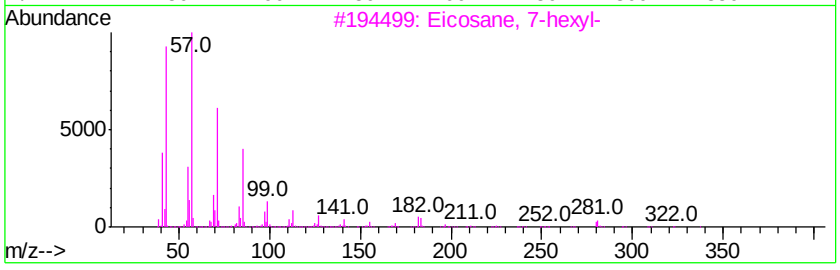
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	3.35 ng	102119	Perylene-d12	15.24

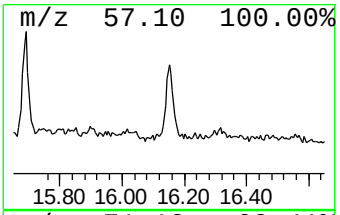
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	64
2	Octacosane	394	C28H58	000630-02-4	50
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	50
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	50
5	Heptacosane	380	C27H56	000593-49-7	38

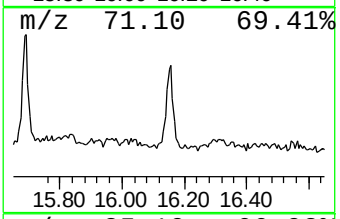


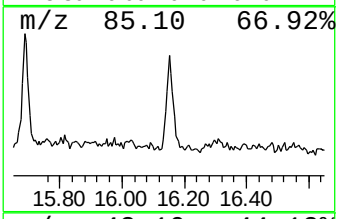


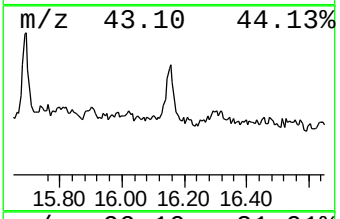


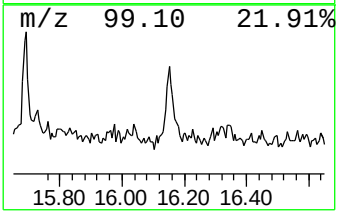












Tentatively Identified Compound (LSC) summary

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Data File : BF109346.D
Acq On : 26 Sep 2018 19:29
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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Octacosane	10.65	2.4	ng	94119	4	11.22	777692	20.0
Hexadecanoic acid...	11.62	20.6	ng	801559	4	11.22	777692	20.0
n-Hexadecanoic acid	11.75	3.0	ng	115753	4	11.22	777692	20.0
4H-Cyclopenta[def...	11.82	2.1	ng	83200	4	11.22	777692	20.0
9,12-Octadecadien...	12.30	40.7	ng	1582660	4	11.22	777692	20.0
9-Octadecenoic ac...	12.33	35.5	ng	1381450	4	11.22	777692	20.0
11H-Benzo[a]fluorene	12.97	2.1	ng	100683	5	13.84	957400	20.0
unknown13.55	13.55	2.4	ng	113383	5	13.84	957400	20.0
Oxalic acid, isob...	13.71	2.3	ng	110969	5	13.84	957400	20.0
Nonadecane	14.62	2.2	ng	67192	6	15.24	610153	20.0
Octadecane, 1-iodo-	14.94	2.8	ng	86127	6	15.24	610153	20.0
Benzo[e]pyrene	15.12	3.6	ng	111474	6	15.24	610153	20.0
Hexadecane	15.69	2.9	ng	88346	6	15.24	610153	20.0
28-Nor-17.alpha.(...	15.90	2.3	ng	70989	6	15.24	610153	20.0
Eicosane, 10-methyl-	16.15	3.4	ng	102119	6	15.24	610153	20.0