LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021919\
Data File : BF112631.D
Acq On : 19 Feb 2019 20:02
Operator : JU/SJ
Sample : K1518-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-5

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-BF012519.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	5.051	501	504	519	rVB	87913	141984	4.54%	0.340%
2	5.463	570	574	602	rBV	2262078	2610680	83.51%	6.244%
3	6.475	742	746	763	rBV	2481117	2992815	95.73%	7.158%
4	6.598	763	767	775	rVV	3106897	2956665	94.57%	7.071%
5	6.822	801	805	814	rBV	631101	596611	19.08%	1.427%
6	6.981	827	832	840	rBV	2302777	2250126	71.97%	5.382%
7	7.386	897	901	913	rBV	1676038	1824959	58.37%	4.365%
8	8.104	1019	1023	1035	rBV	785154	790582	25.29%	1.891%
9	9.174	1200	1205	1208	rBV	3531342	3126333	100.00%	7.477%
10	9.522	1260	1264	1266	rBV	28682	33764	1.08%	0.081%
11	9.569	1269	1272	1281	rVB	290088	257350	8.23%	0.615%
12	9.722	1295	1298	1303	rBV	94670	83602	2.67%	0.200%
13	9.857	1315	1321	1325	rBV	1006138	922037	29.49%	2.205%
14	10.063	1351	1356	1360	rBV3	36755	48664	1.56%	0.116%
15	10.174	1371	1375	1378	rBV	37470	37946	1.21%	0.091%
16	10.269	1386	1391	1396	rBV5	26412	56652	1.81%	0.135%
17	10.410	1411	1415	1419	rVB4	38327	52824	1.69%	0.126%
18	10.563	1436	1441	1445	rVB4	27550	40552	1.30%	0.097%
19	10.657	1452	1457	1466	rBV	2360651	2334329	74.67%	5.583%
20	10.957	1501	1508	1511	rBV3	37554	53979	1.73%	0.129%
21	11.080	1524	1529	1532	rBV3	34977	49407	1.58%	0.118%
22	11.163	1539	1543	1546	rBV3	35906	41026	1.31%	0.098%
23	11.198	1546	1549	1552	rVV2	44966	51154	1.64%	0.122%
24	11.245	1555	1557	1561	rVB2	38712	36663	1.17%	0.088%
25	11.345	1571	1574	1577	rBV	969376	994416	31.81%	2.378%
26	11.368	1577	1578	1585	rVB	629352	481896	15.41%	1.153%
27	11.427	1585	1588	1590	rBV	133520	118906	3.80%	0.284%
28	11.592	1610	1616	1619	rBV3	60645	91696	2.93%	0.219%
29	11.633	1619	1623	1626	rVB2	44536	55525	1.78%	0.133%
30	11.692	1626	1633	1636	rBV5	26996	56236	1.80%	0.134%
31	11.851	1656	1660	1661	rBV	178331	182403	5.83%	0.436%
32	11.868	1661	1663	1670	rVV3	514243	667813	21.36%	1.597%
33	11.927	1670	1673	1676	rVV	101988	105079	3.36%	0.251%
34	11.963	1676	1679	1681	rVV2	253103	290774	9.30%	0.695%

LSC Area Percent Report

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Sample : K1518-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-5

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-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.986	1681	1683	1688	rVB	150612	135827	4.34%	0.325%
36	12.139	1706	1709	1714	rBV	115001	111875	3.58%	0.268%
37	12.186	1714	1717	1720	rBV3	73109	67645	2.16%	0.162%
38	12.292	1730	1735	1738	rBV2	64559	94399	3.02%	0.226%
39	12.321	1738	1740	1743	rVB	53139	47101	1.51%	0.113%
40	12.351	1743	1745	1748	rVB	46790	41249	1.32%	0.099%
41	12.398	1748	1753	1756	rBV	223092	259310	8.29%	0.620%
42	12.498	1765	1770	1777	rVB2	139405	196741	6.29%	0.471%
43	12.568	1777	1782	1785	rBV	1347449	1349004	43.15%	3.226%
44	12.598	1785	1787	1790	rVV2	60367	70466	2.25%	0.169%
45	12.627	1790	1792	1793	rVV	69920	58491	1.87%	0.140%
46	12.651	1793	1796	1804	rVV2	214012	343851	11.00%	0.822%
47	12.715	1804	1807	1809	rVV2	110232	115727	3.70%	0.277%
48	12.739	1809	1811	1814	rVV2	53757	65111	2.08%	0.156%
49	12.798	1814	1821	1826	rVV	1423618	1578133	50.48%	3.774%
50	12.845	1826	1829	1833	rVB	109327	114786	3.67%	0.275%
51	12.927	1838	1843	1846	rVV	2898113	2796612	89.45%	6.689%
52	12.962	1847	1849	1853	rVB2	74466	83046	2.66%	0.199%
53	13.015	1853	1858	1863	rBV4	152080	264658	8.47%	0.633%
54	13.121	1869	1876	1878	rBV3	184966	332143	10.62%	0.794%
55	13.145	1878	1880	1882	rVB	79901	58377	1.87%	0.140%
56	13.186	1885	1887	1890	rBV	70349	66704	2.13%	0.160%
57	13.227	1890	1894	1898	rVB2	182046	198553	6.35%	0.475%
58	13.321	1907	1910	1912	rBV	157355	133087	4.26%	0.318%
59	13.351	1912	1915	1918	rVV	119540	118642	3.79%	0.284%
60	13.486	1934	1938	1942	rBV3	135454	177579	5.68%	0.425%
61	13.639	1961	1964	1968	rVB	138747	147438	4.72%	0.353%
62	13.692	1971	1973	1977	rBV	40758	38052	1.22%	0.091%
63	13.751	1977	1983	1984	rBV2	138167	188090	6.02%	0.450%
64	13.768	1984	1986	1989	rVV	134851	121677	3.89%	0.291%
65	13.815	1989	1994	1998	rVV3	379883	554366	17.73%	1.326%
66	13.851	1998	2000	2006	rVB2	162453	168327	5.38%	0.403%
67	13.992	2019	2024	2027	rBV2	1020164	1515277	48.47%	3.624%
68	14.021	2027	2029	2032	rVB	640426	533226	17.06%	1.275%
69	14.104	2041	2043	2045	rBV	74631	61144	1.96%	0.146%
70	14.127	2045	2047	2050	rVV	200989	169146	5.41%	0.405%
71	14.157	2050	2052	2056	rVV3	60234	76555	2.45%	0.183%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-5

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-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.345	2082	2084	2086	rBV	48995	44765	1.43%	0.107%
73	14.386	2088	2091	2094	rVB	158132	166040	5.31%	0.397%
74	14.433	2094	2099	2101	rBV2	262248	314945	10.07%	0.753%
75	14.509	2110	2112	2118	rBV2	82115	114275	3.66%	0.273%
76	14.715	2144	2147	2148	rBV2	76774	82412	2.64%	0.197%
77	14.733	2148	2150	2154	rVB	296089	275445	8.81%	0.659%
78	15.045	2199	2203	2205	rBV	563559	834104	26.68%	1.995%
79	15.151	2218	2221	2228	rVB	114081	137075	4.38%	0.328%
80	15.345	2250	2254	2261	rBV	368179	441563	14.12%	1.056%
81	15.409	2261	2265	2268	rVV	471390	629721	20.14%	1.506%
82	15.468	2272	2275	2279	rVV	521428	684060	21.88%	1.636%
83	15.503	2279	2281	2287	rVB2	136530	180196	5.76%	0.431%
84	15.862	2338	2342	2347	rVB	138600	207792	6.65%	0.497%
85	16.356	2422	2426	2429	rBV3	66569	97274	3.11%	0.233%
86	16.962	2525	2529	2537	rVB2	221313	421836	13.49%	1.009%
87	17.415	2601	2606	2613	rBV	142470	292539	9.36%	0.700%

Sum of corrected areas: 41811905

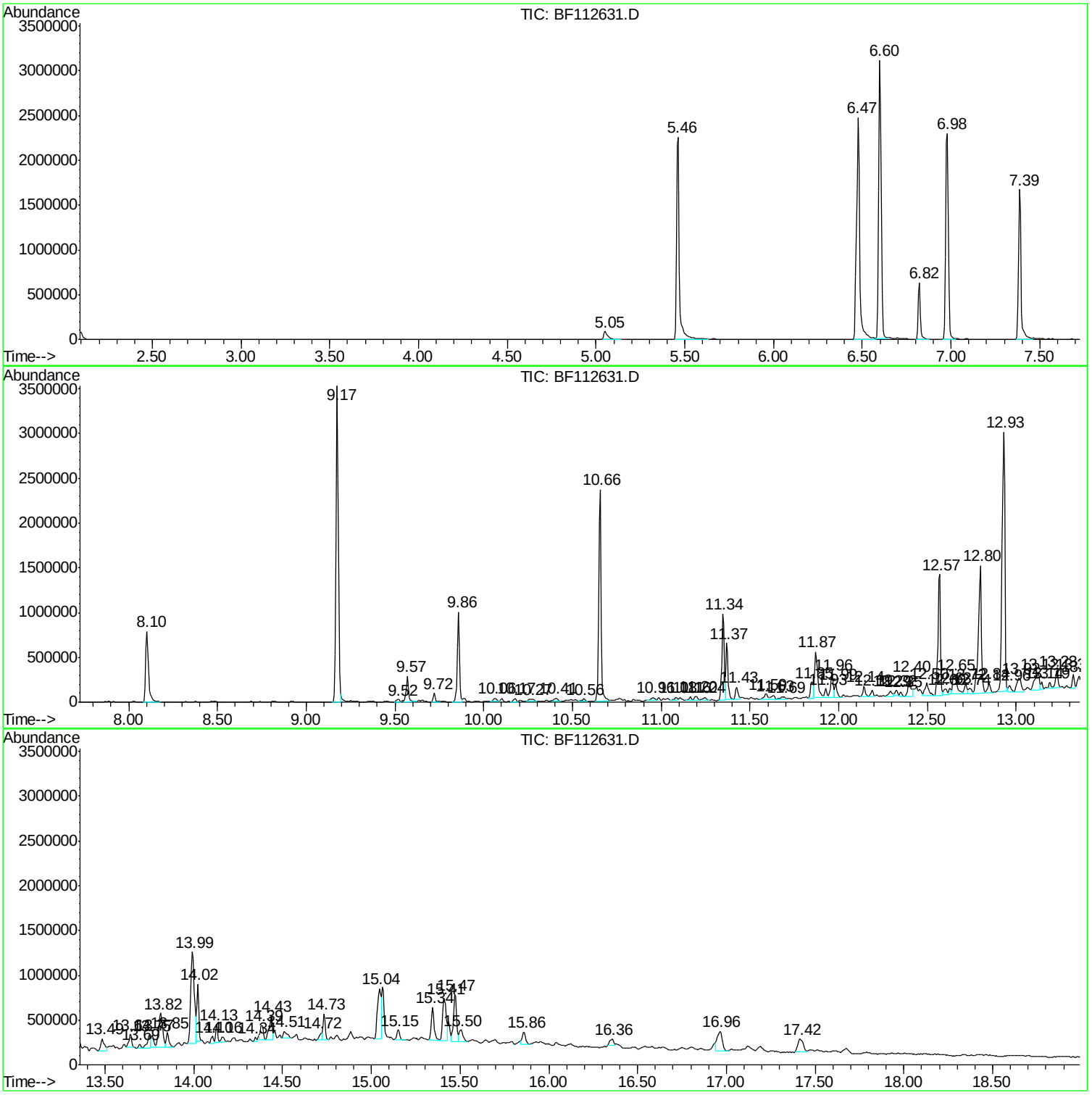
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021919\
Data File : BF112631.D
Acq On : 19 Feb 2019 20:02
Operator : JU/SJ
Sample : K1518-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021919\
Data File : BF112631.D
Acq On : 19 Feb 2019 20:02
Operator : JU/SJ
Sample : K1518-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

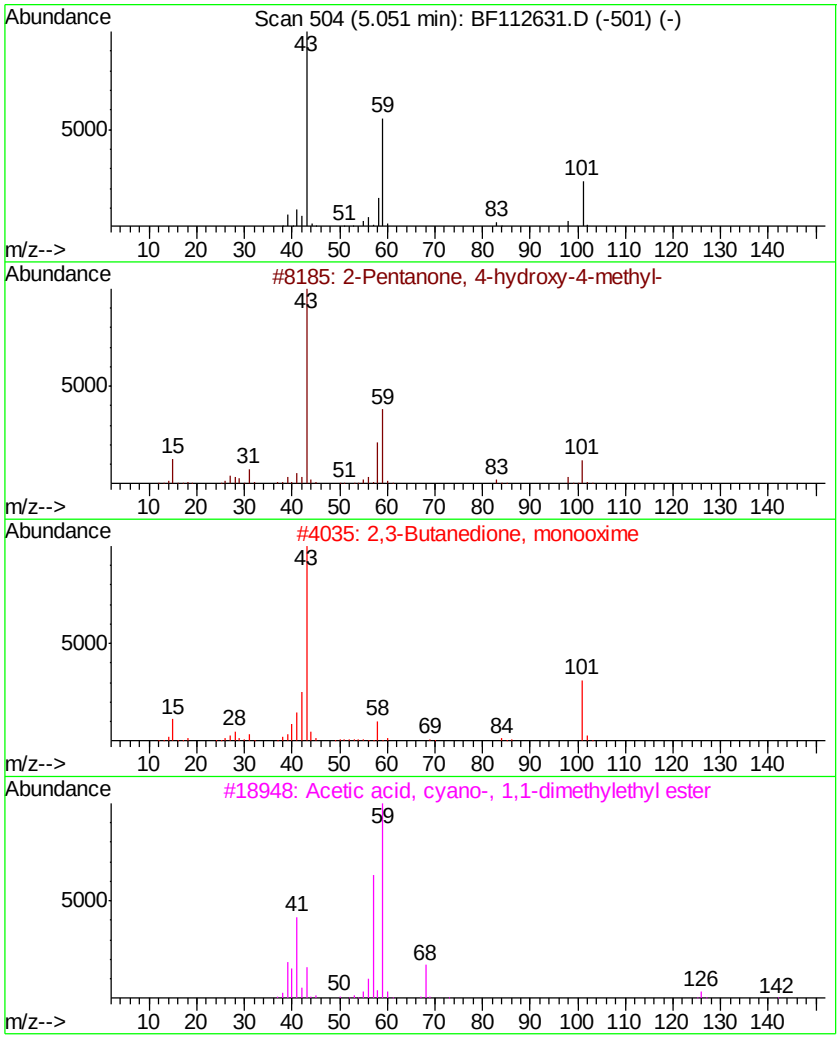
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

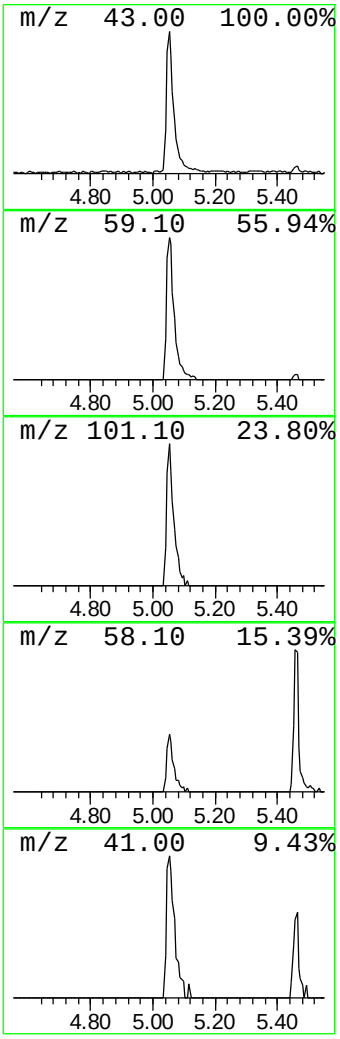
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	4.76 ng	141984	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021919\
Data File : BF112631.D
Acq On : 19 Feb 2019 20:02
Operator : JU/SJ
Sample : K1518-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

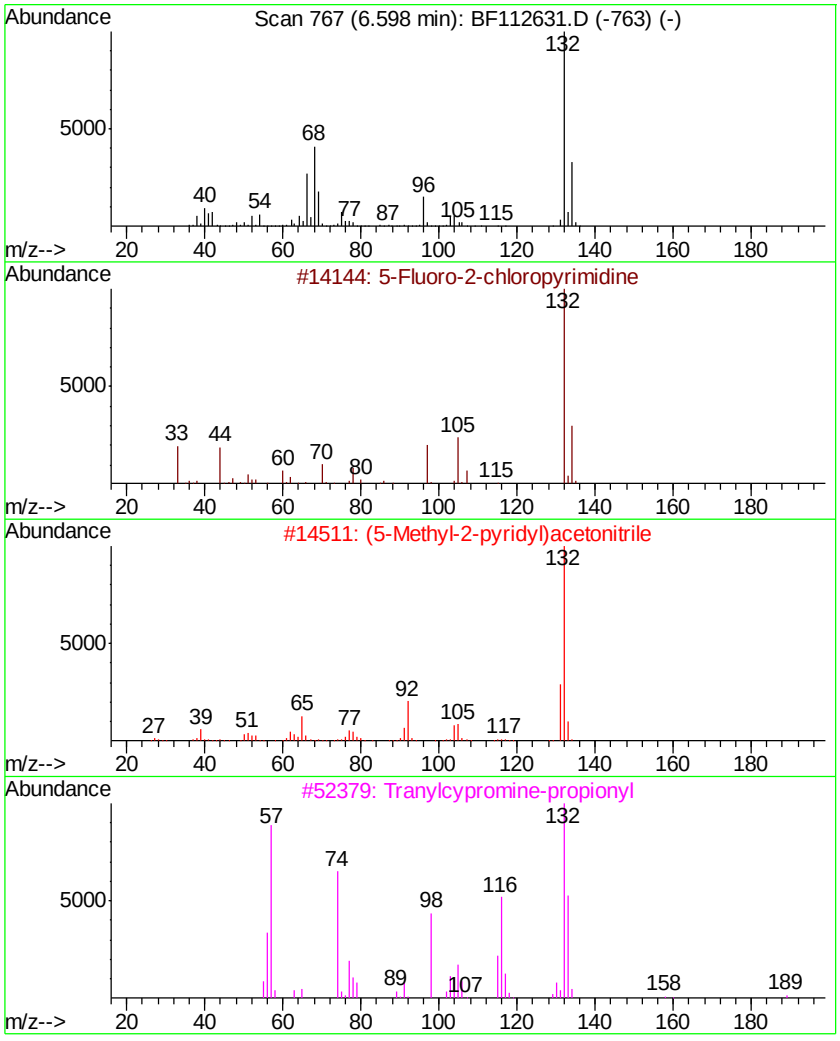
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

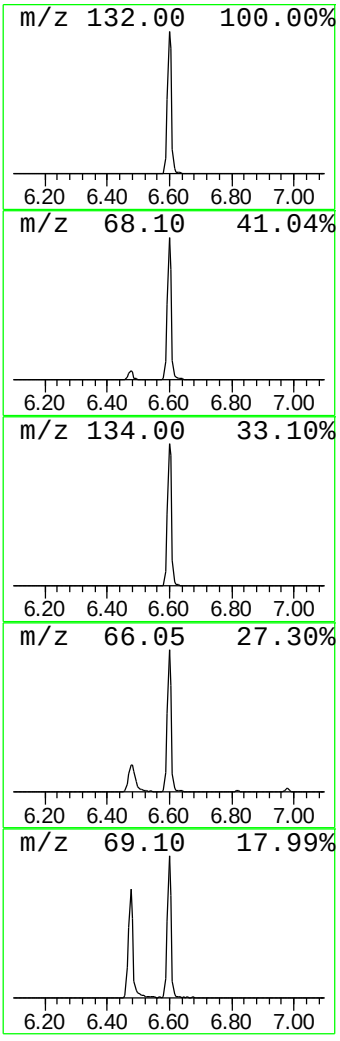
****

Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	99.12 ng	2956670	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
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	Xenon	132	Xe	007440-63-3	9





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Data File : BF112631.D
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Instrument : BNA_F
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

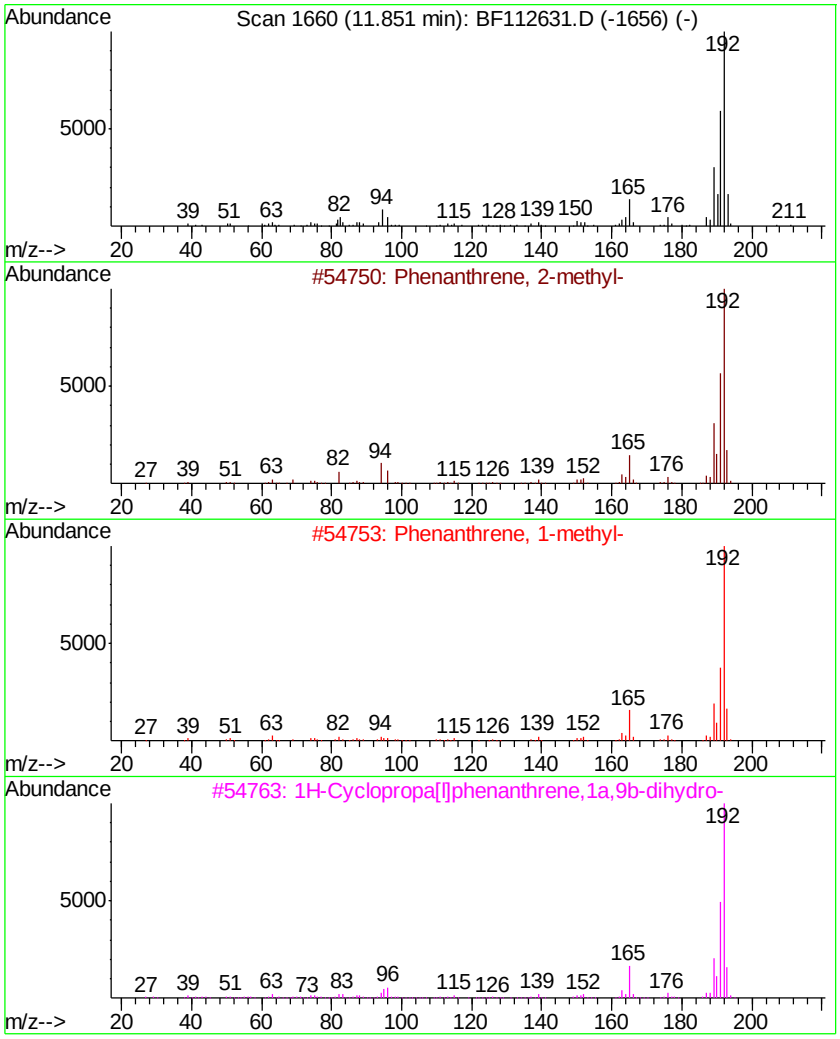
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

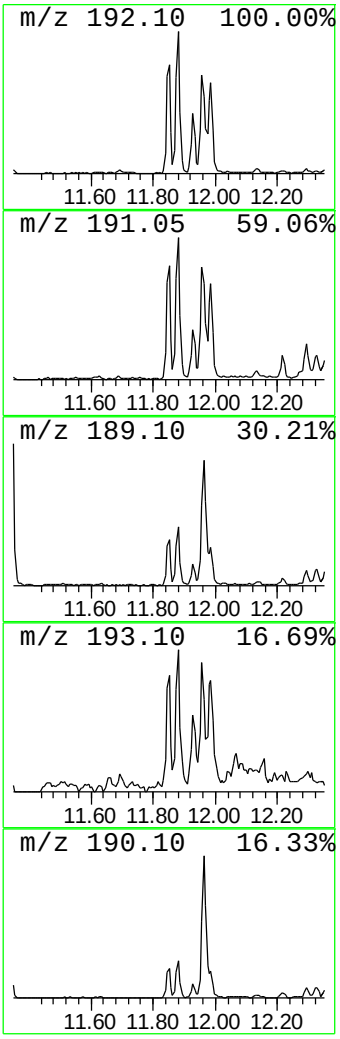
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	3.67 ng	182403	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021919\
Data File : BF112631.D
Acq On : 19 Feb 2019 20:02
Operator : JU/SJ
Sample : K1518-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

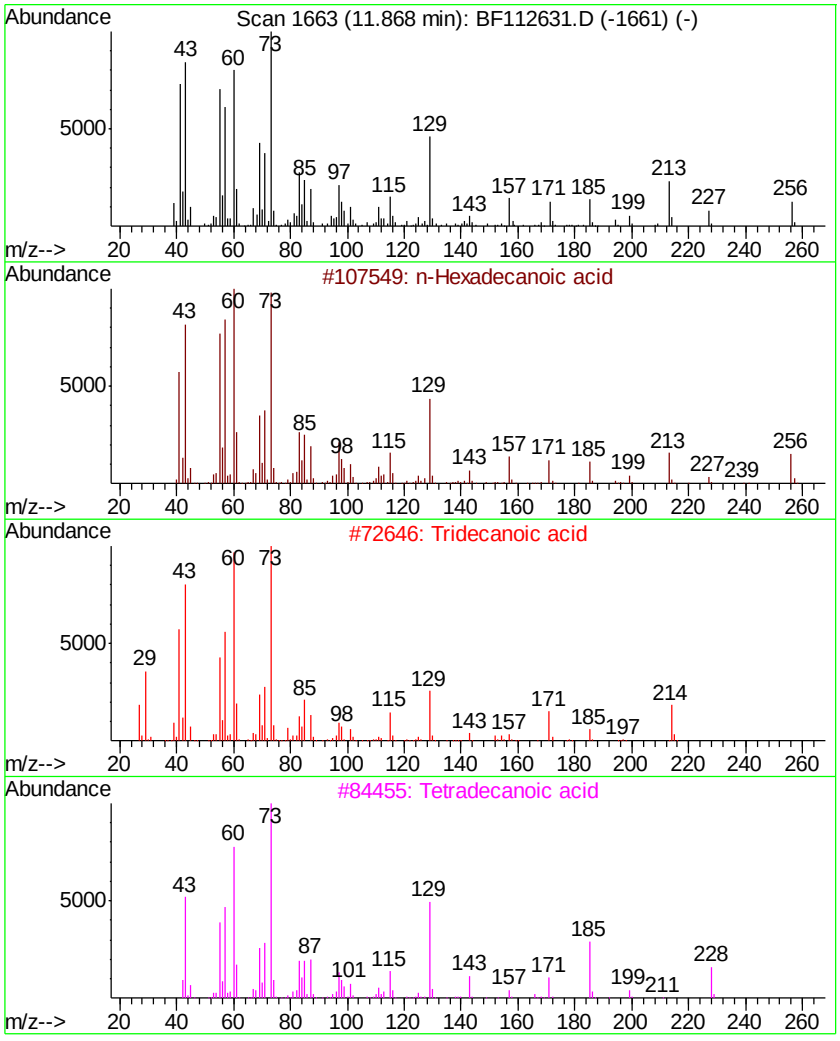
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

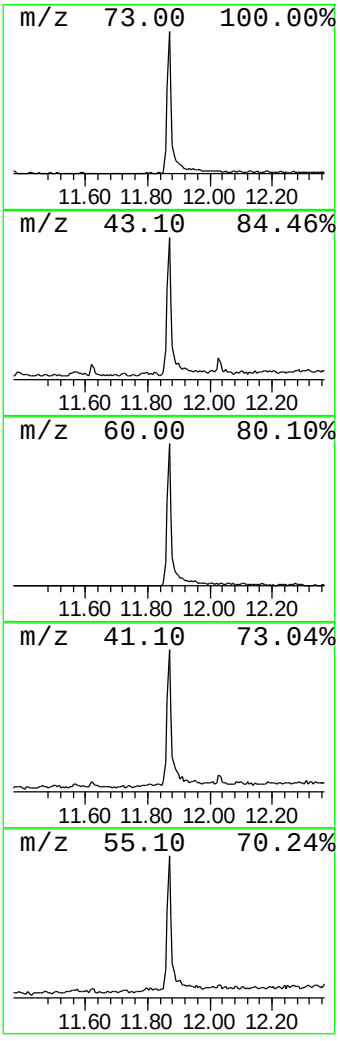
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	13.43 ng	667813	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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Data File : BF112631.D
Acq On : 19 Feb 2019 20:02
Operator : JU/SJ
Sample : K1518-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

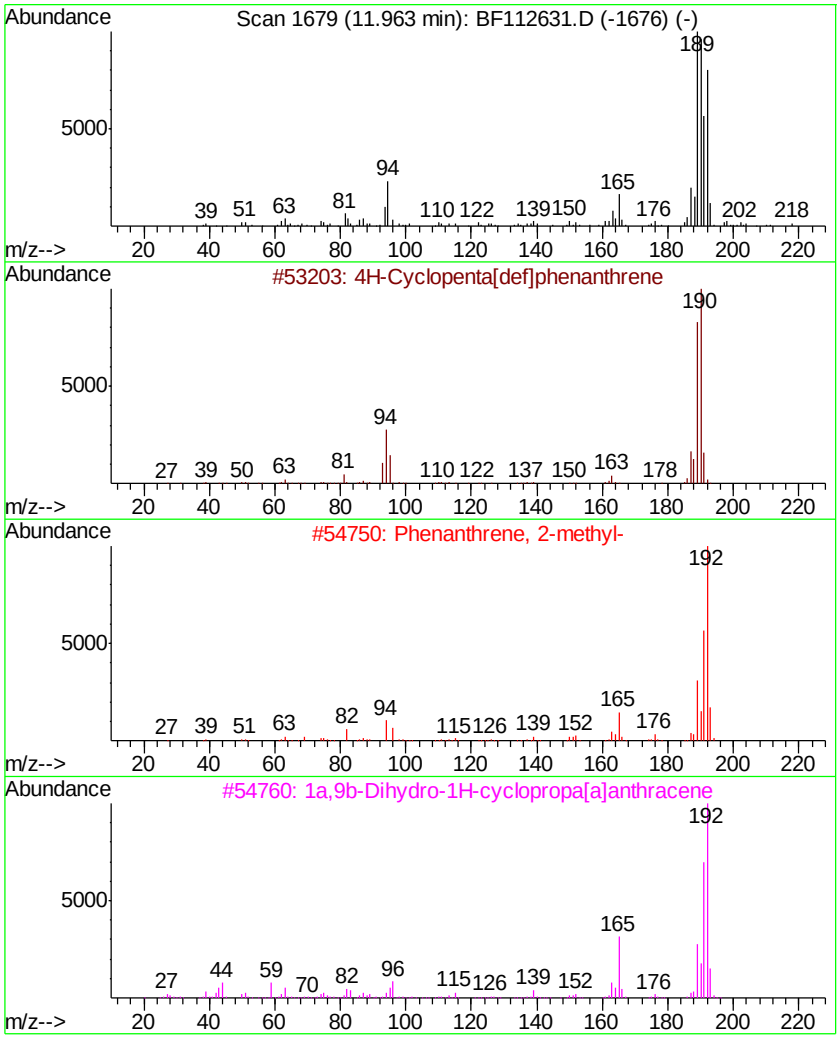
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

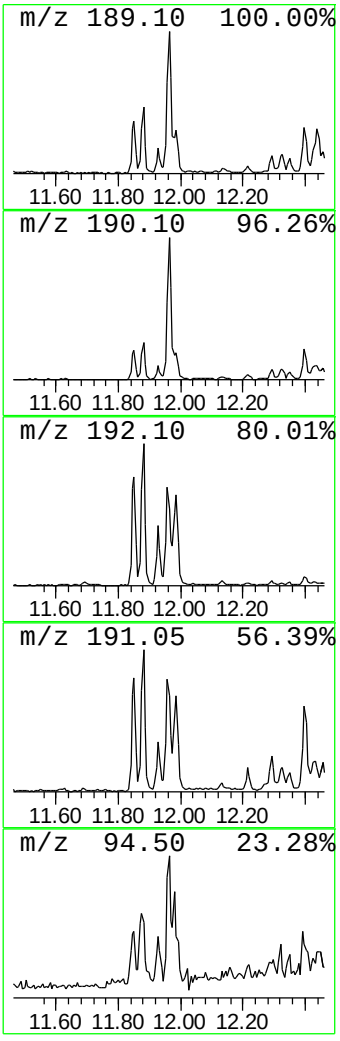
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	5.85 ng	290774	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	45
3	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	42
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021919\
Data File : BF112631.D
Acq On : 19 Feb 2019 20:02
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Sample : K1518-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

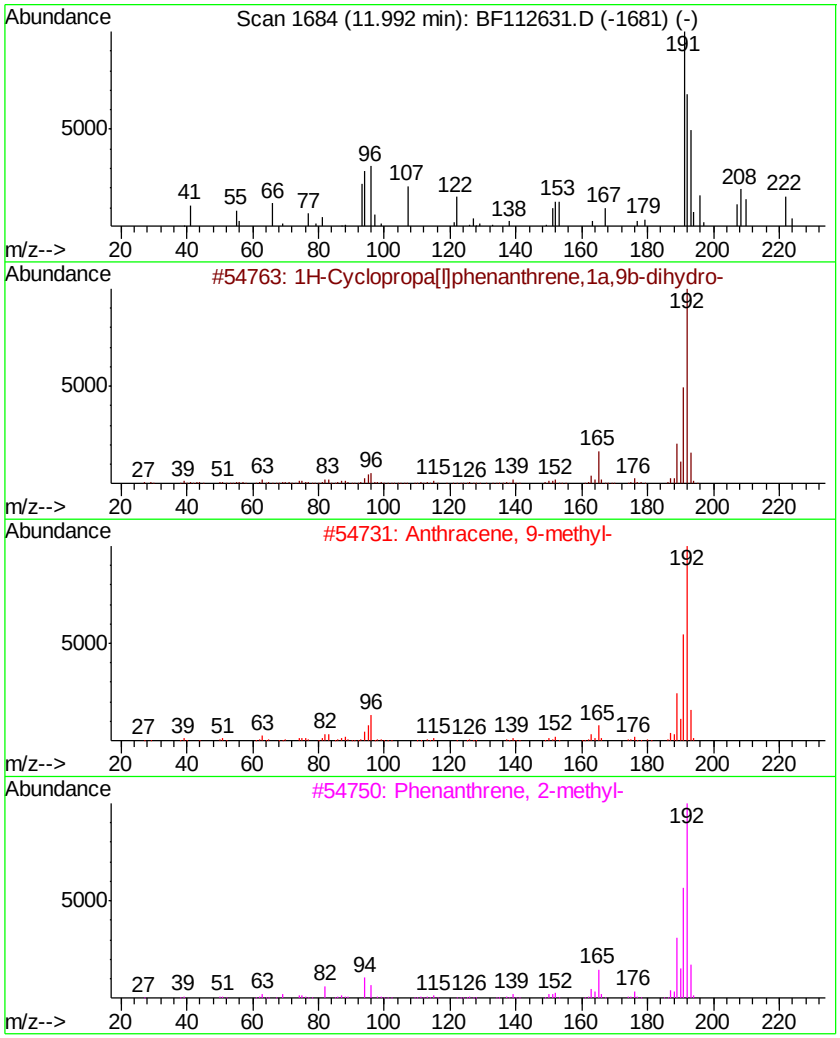
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

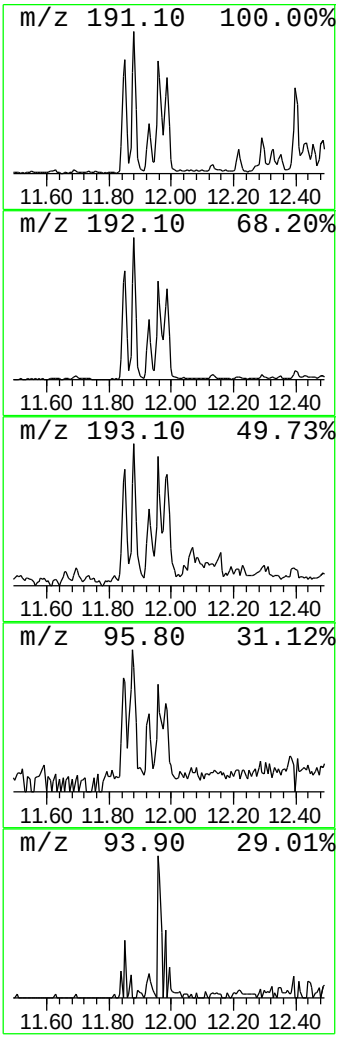
****

Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	2.73 ng	135827	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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Operator : JU/SJ
Sample : K1518-09
Misc :
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Instrument : BNA_F
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-5

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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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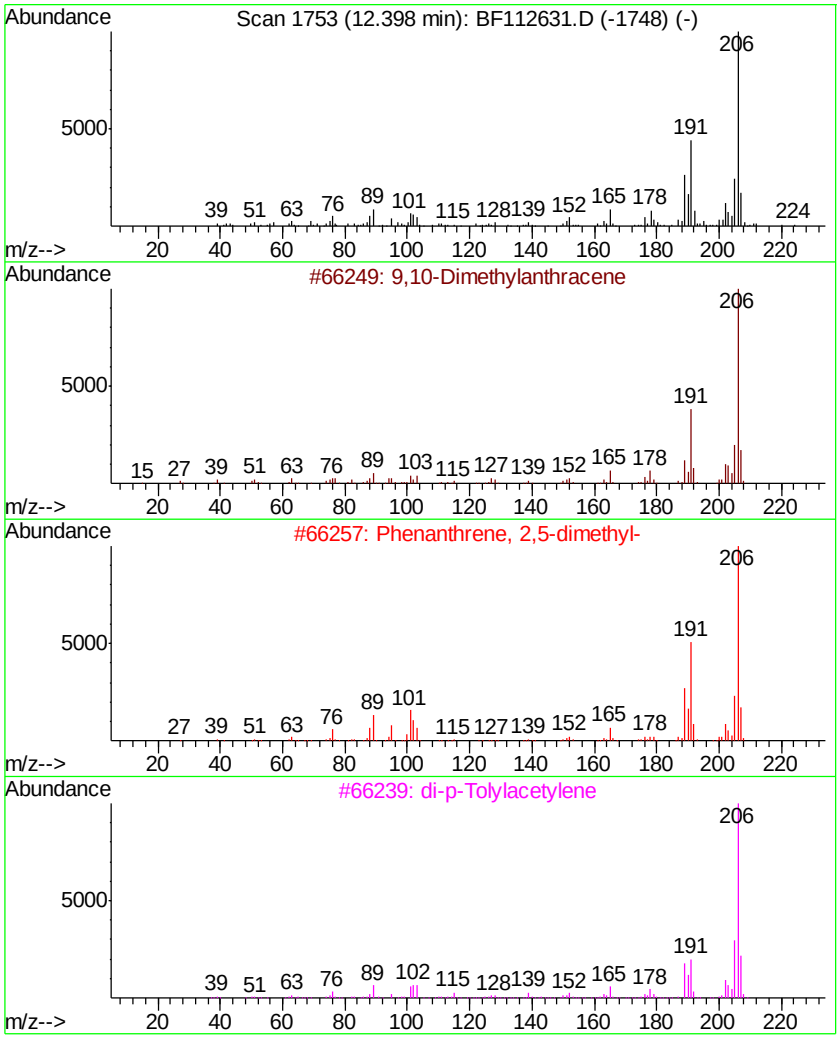
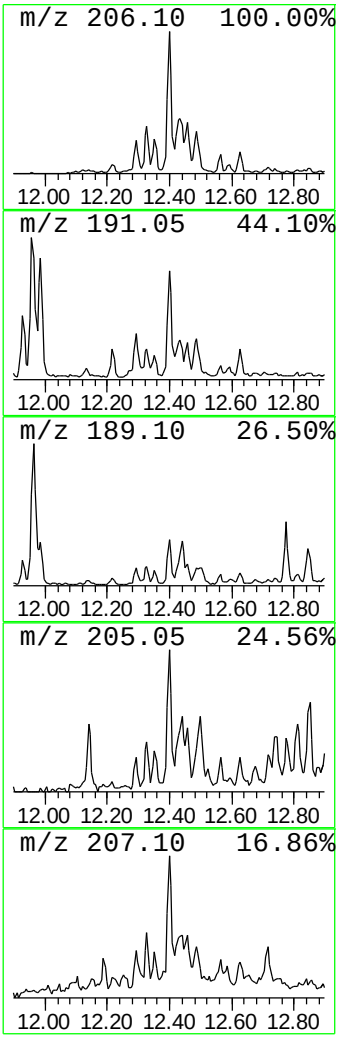
Peak Number 8 9,10-Dimethylanthracene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	5.22 ng	259310	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93





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ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-5

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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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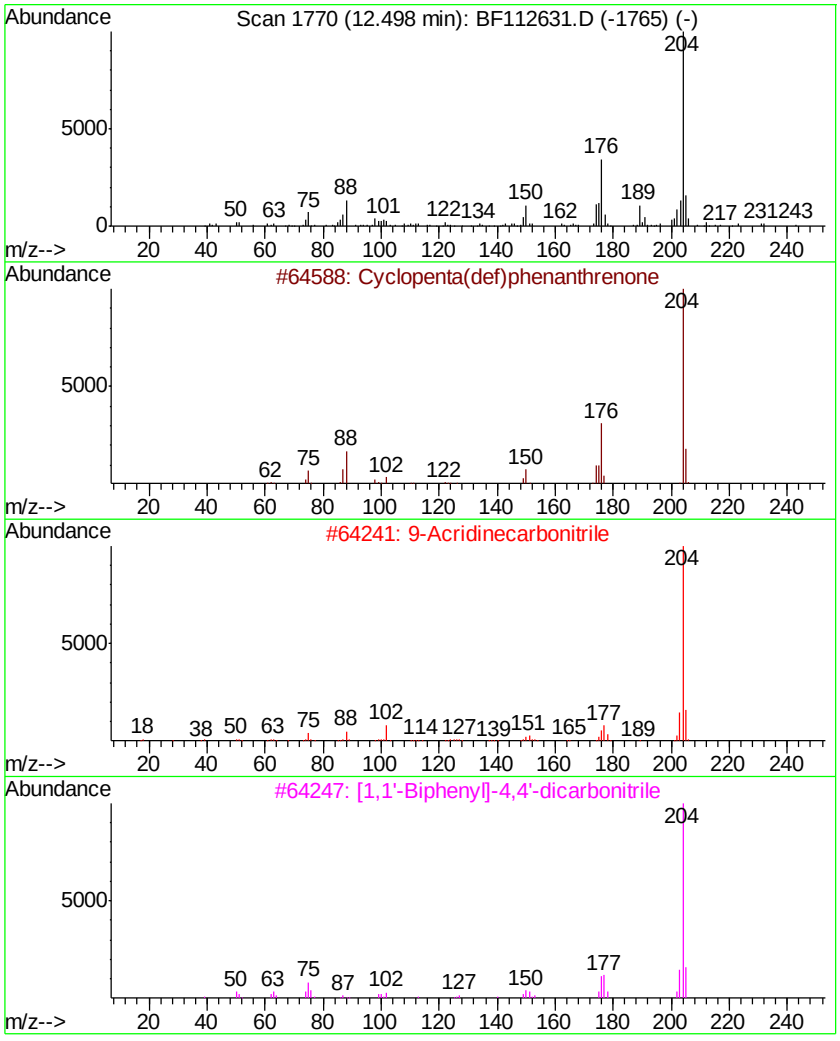
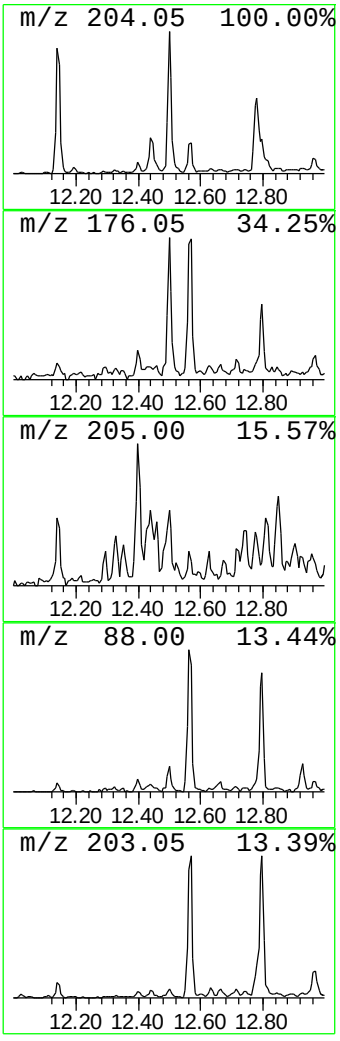
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	3.96 ng	196741	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	53
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
4	6-Phenyl-2-thiouracil	204	C10H8N2OS	005590-94-3	53
5	4-Methoxy-6-(3-fluorophenyl)pyri...	204	C11H9FN2O	076128-74-0	50





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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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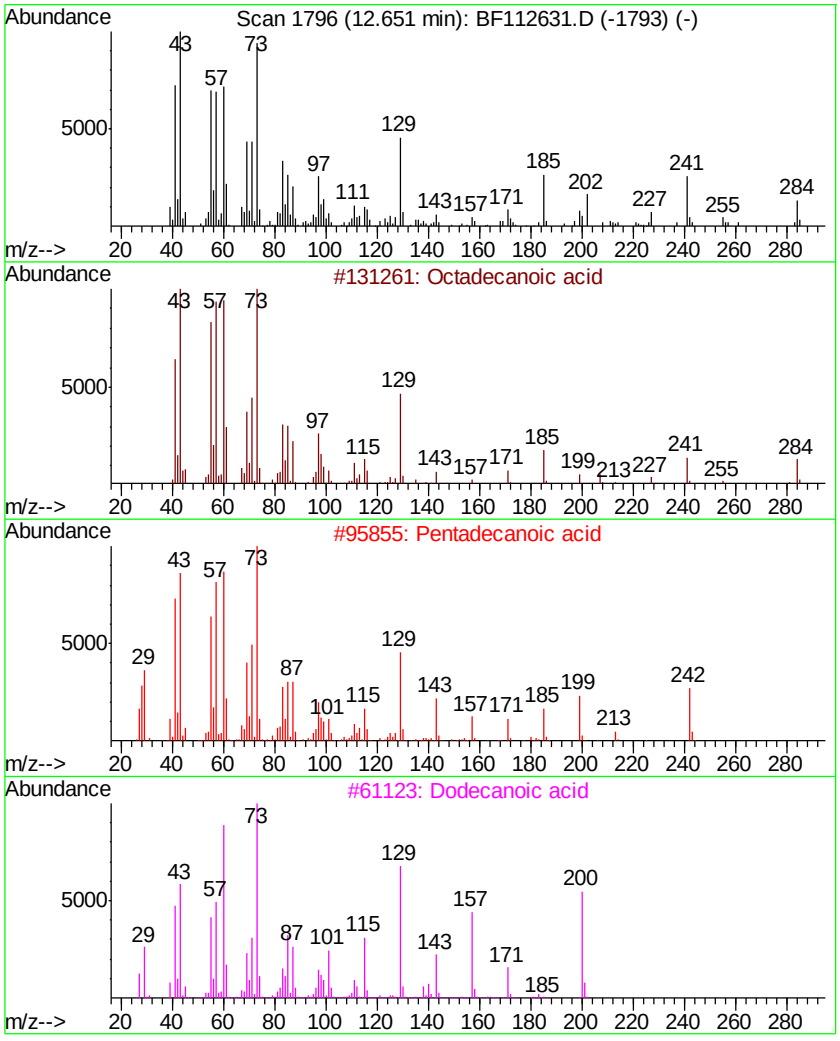
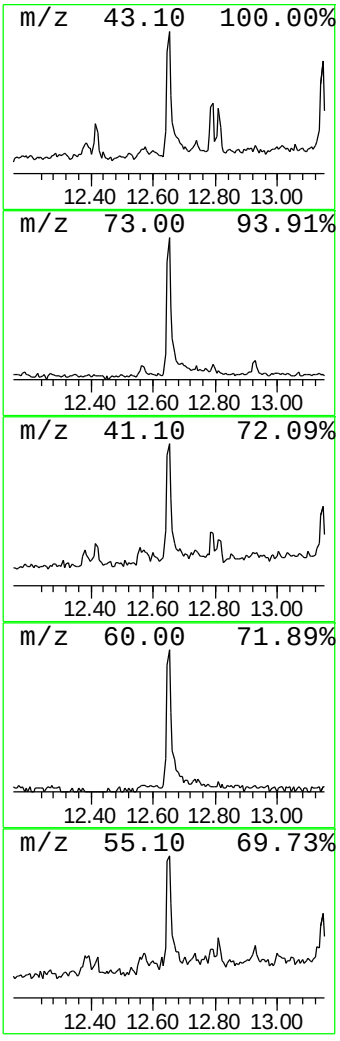
Peak Number 10 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	6.92 ng	343851	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Dodecanoic acid	200	C12H24O2	000143-07-7	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	62





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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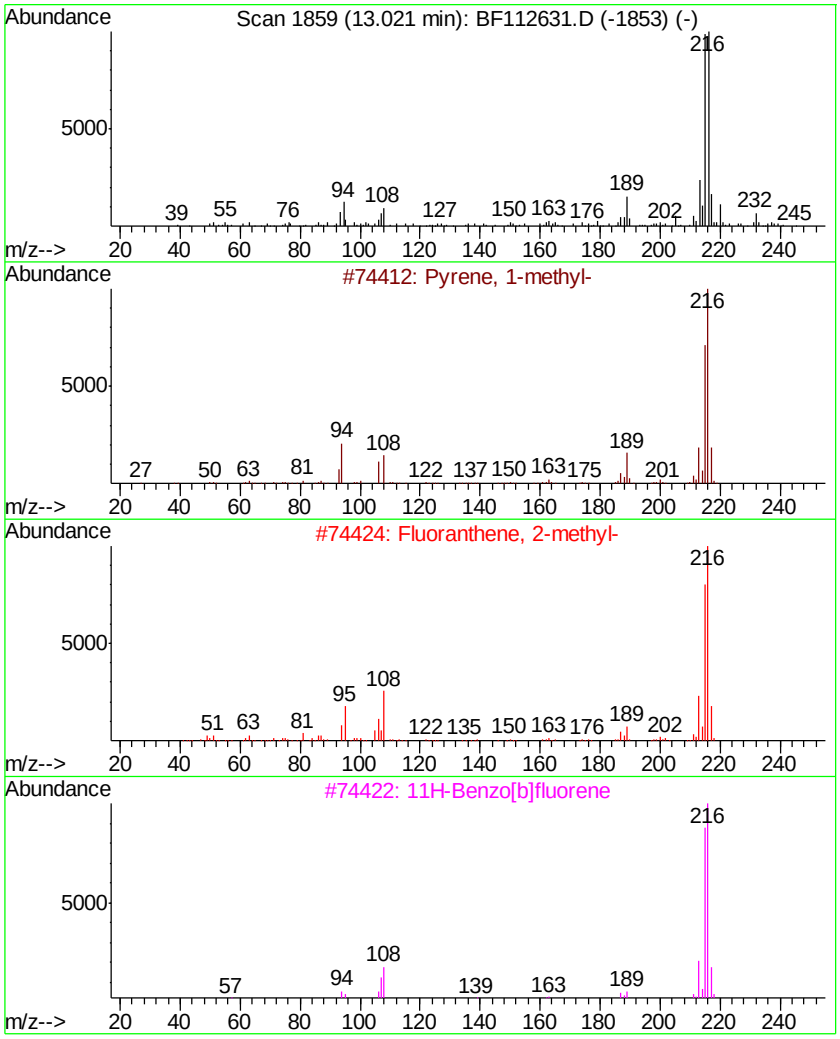
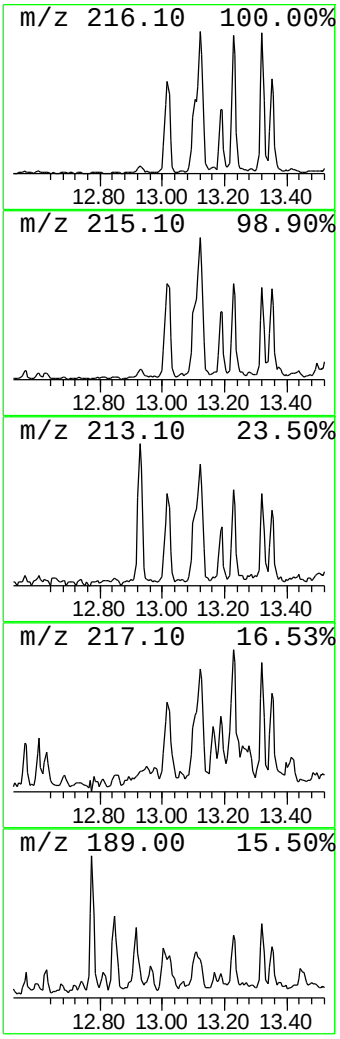
Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	3.49 ng	264658	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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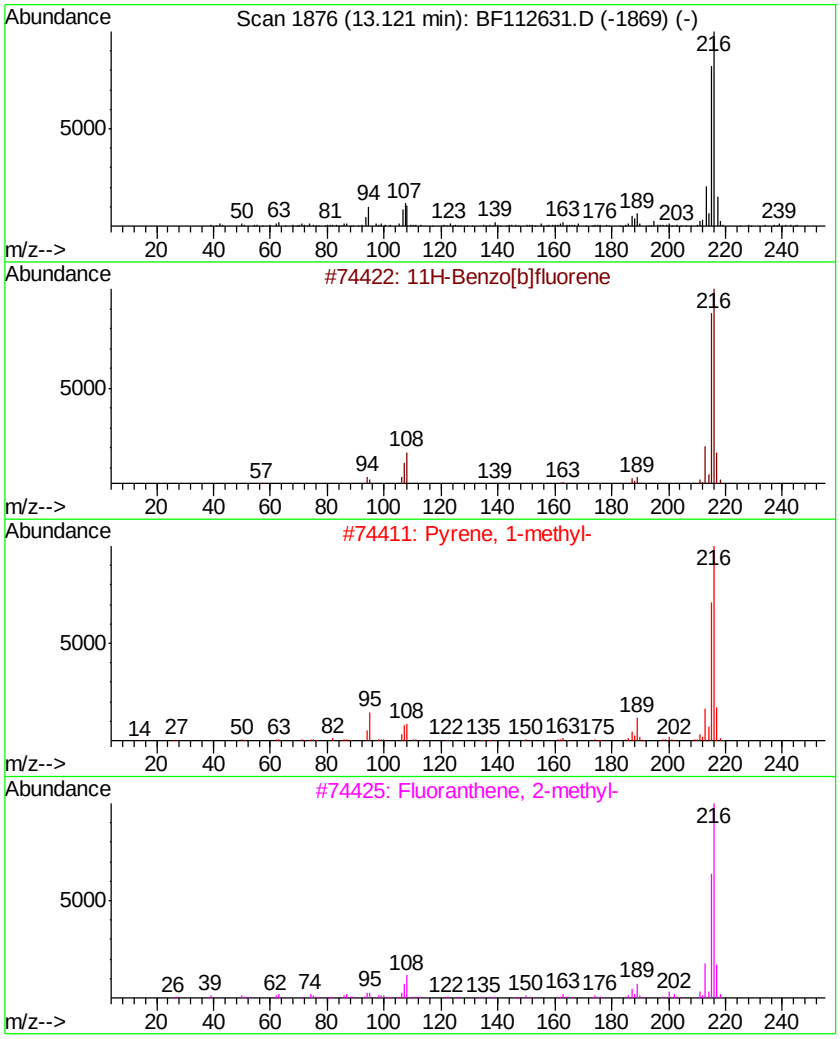
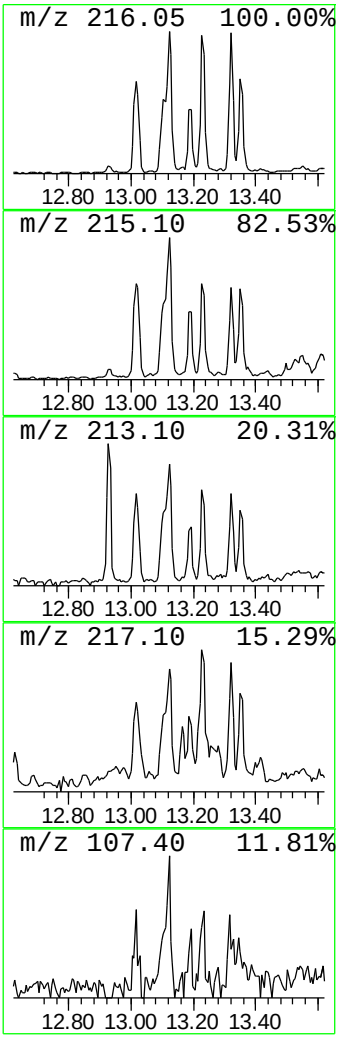
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	4.38 ng	332143	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68





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

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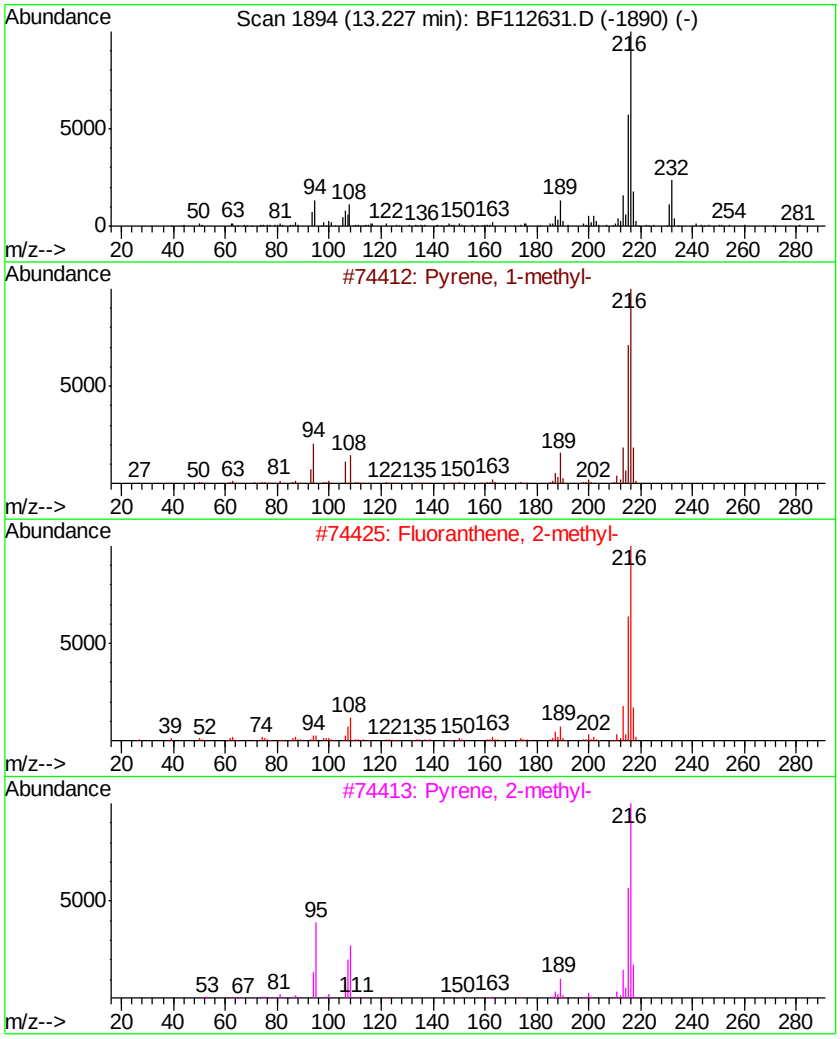
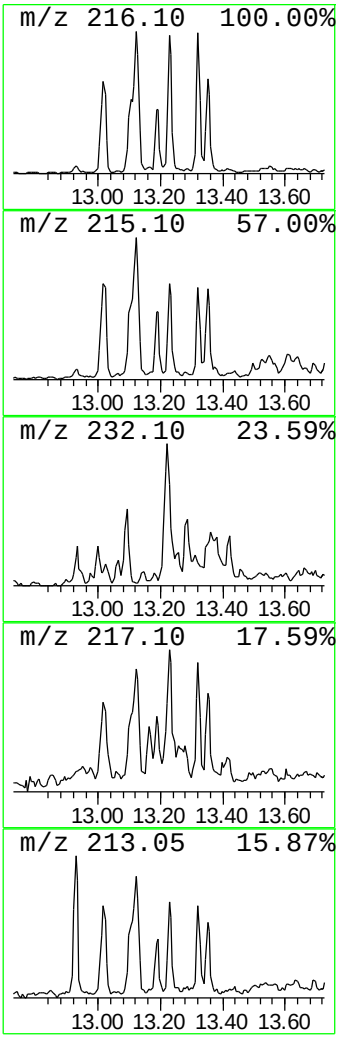
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	2.62 ng	198553	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





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

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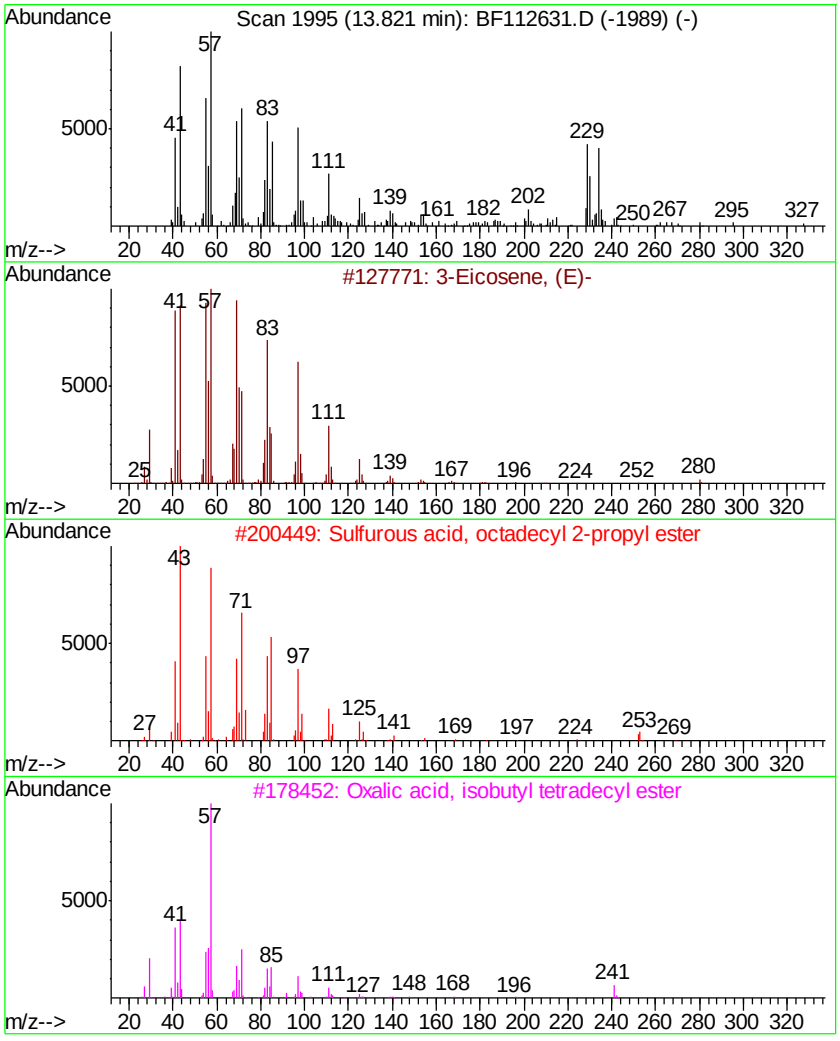
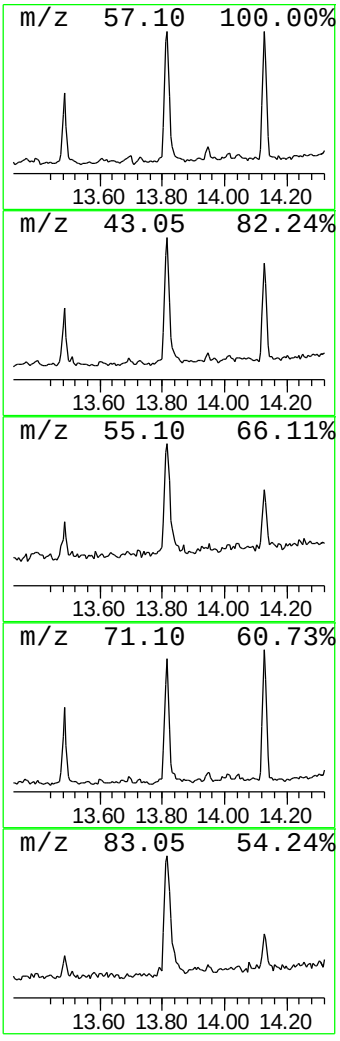
Peak Number 14 3-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	7.32 ng	554366	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	80
2	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	70
3	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	62
4	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	62
5	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	62





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Instrument : BNA_F
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-5

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TIC Integration Parameters: LSCINT.P

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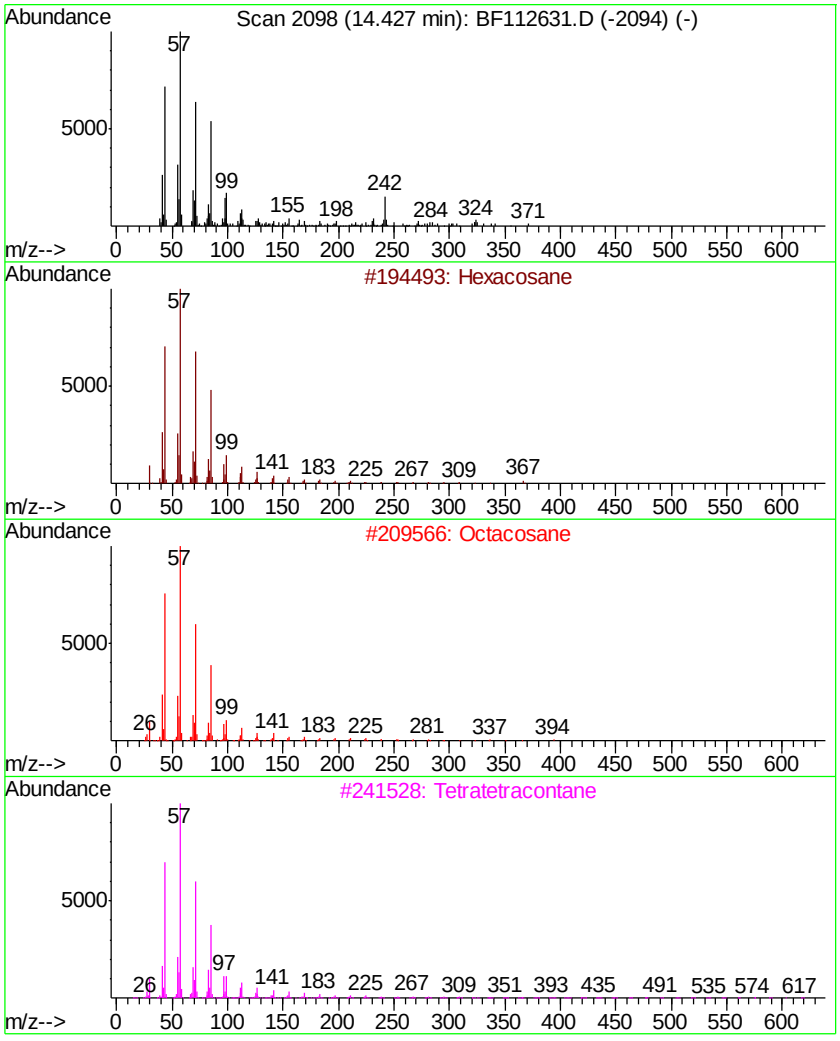
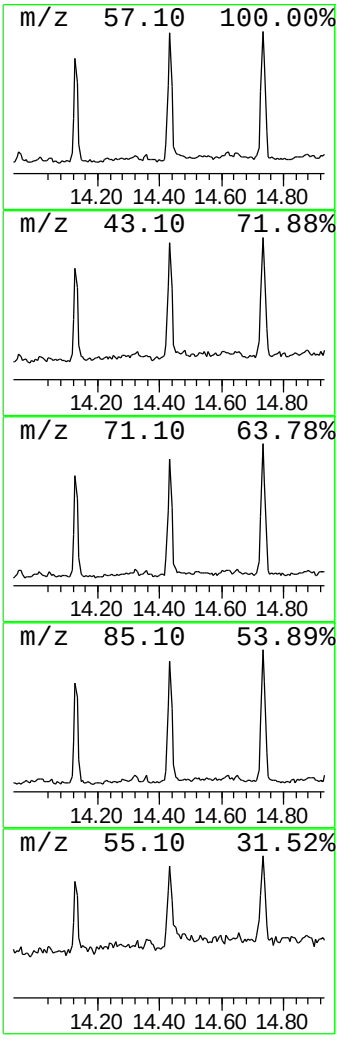
Peak Number 15 Hexacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	4.16 ng	314945	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Heneicosane	296	C21H44	000629-94-7	87





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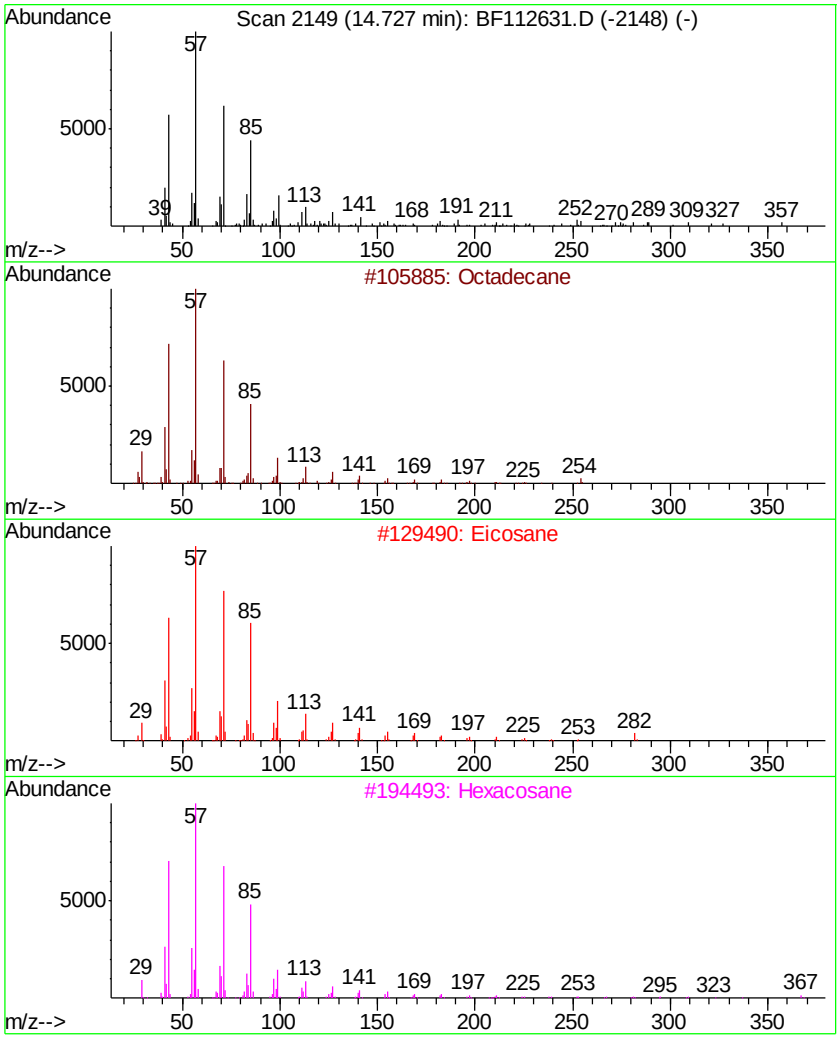
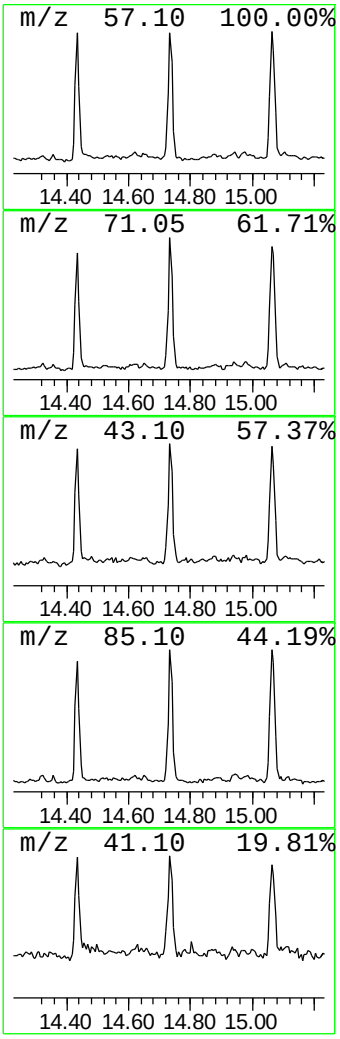
Peak Number 16 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	8.05 ng	275445	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Eicosane	282	C20H42	000112-95-8	93
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





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TIC Integration Parameters: LSCINT.P

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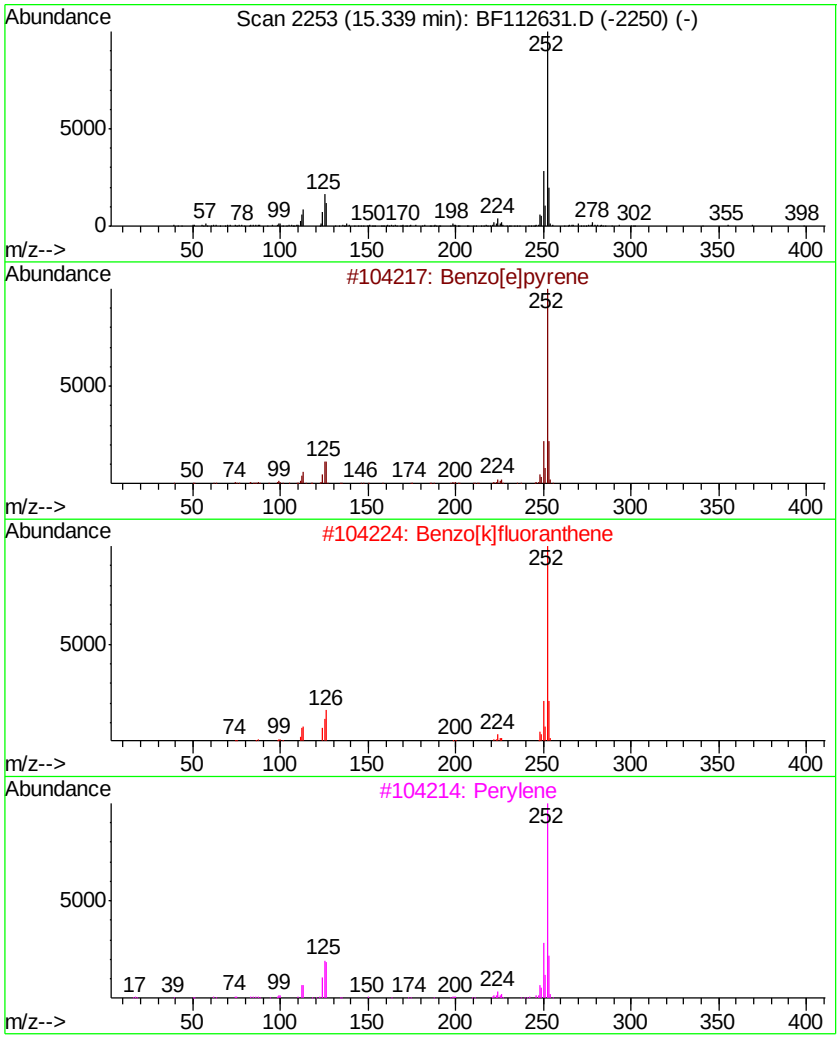
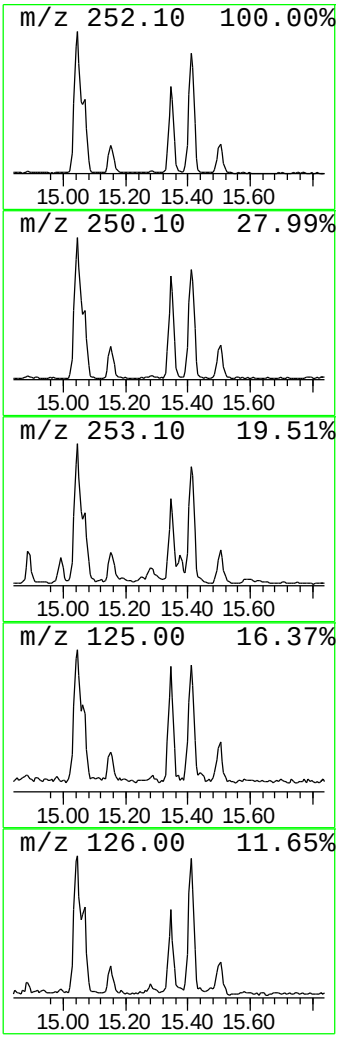
Peak Number 18 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	12.91 ng	441563	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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

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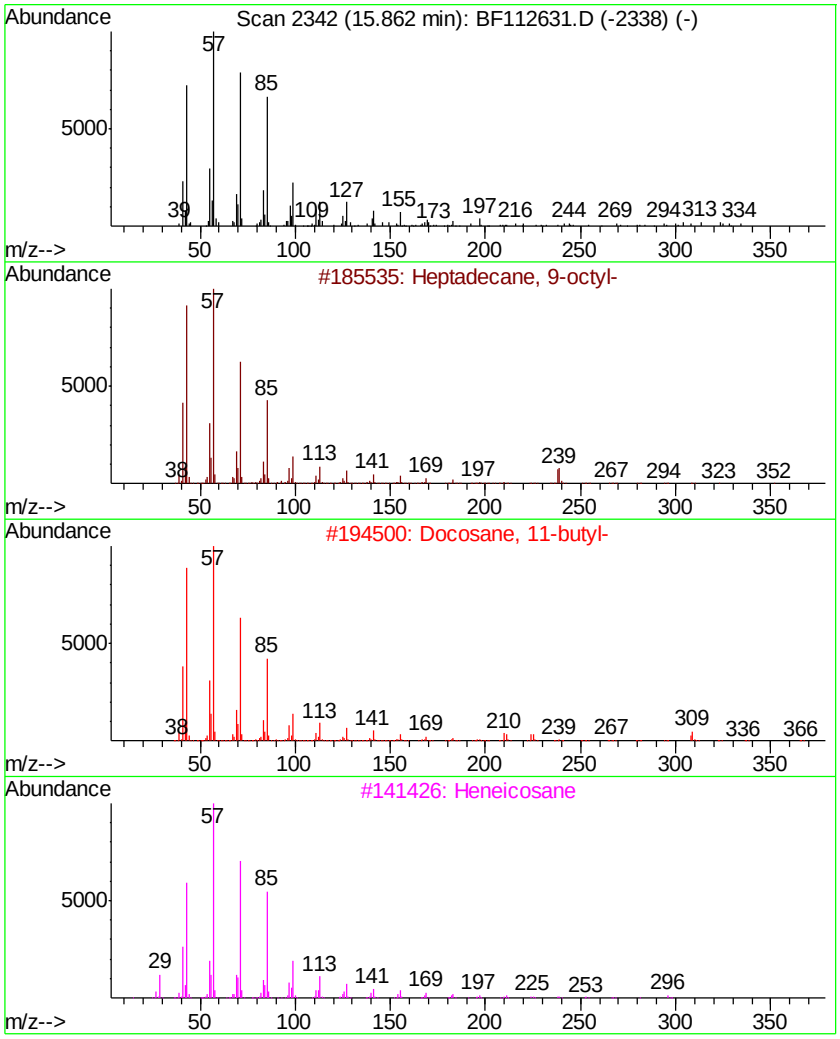
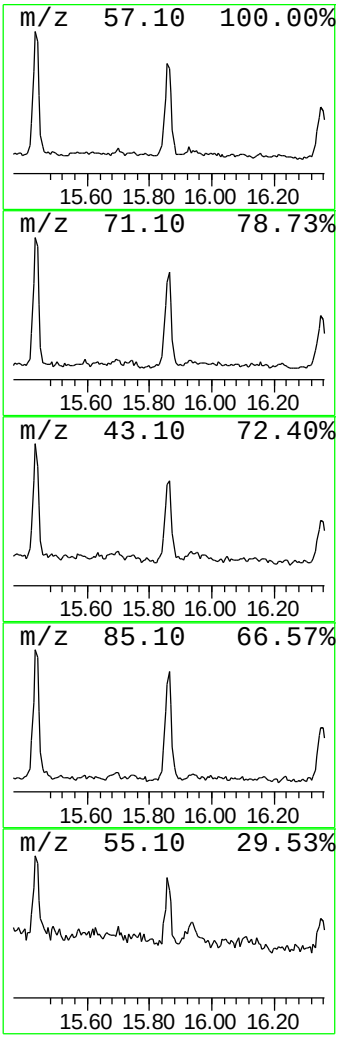
Peak Number 19 Heptadecane, 9-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	6.08 ng	207792	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Docosane	310	C22H46	000629-97-0	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021919\
Data File : BF112631.D
Acq On : 19 Feb 2019 20:02
Operator : JU/SJ
Sample : K1518-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

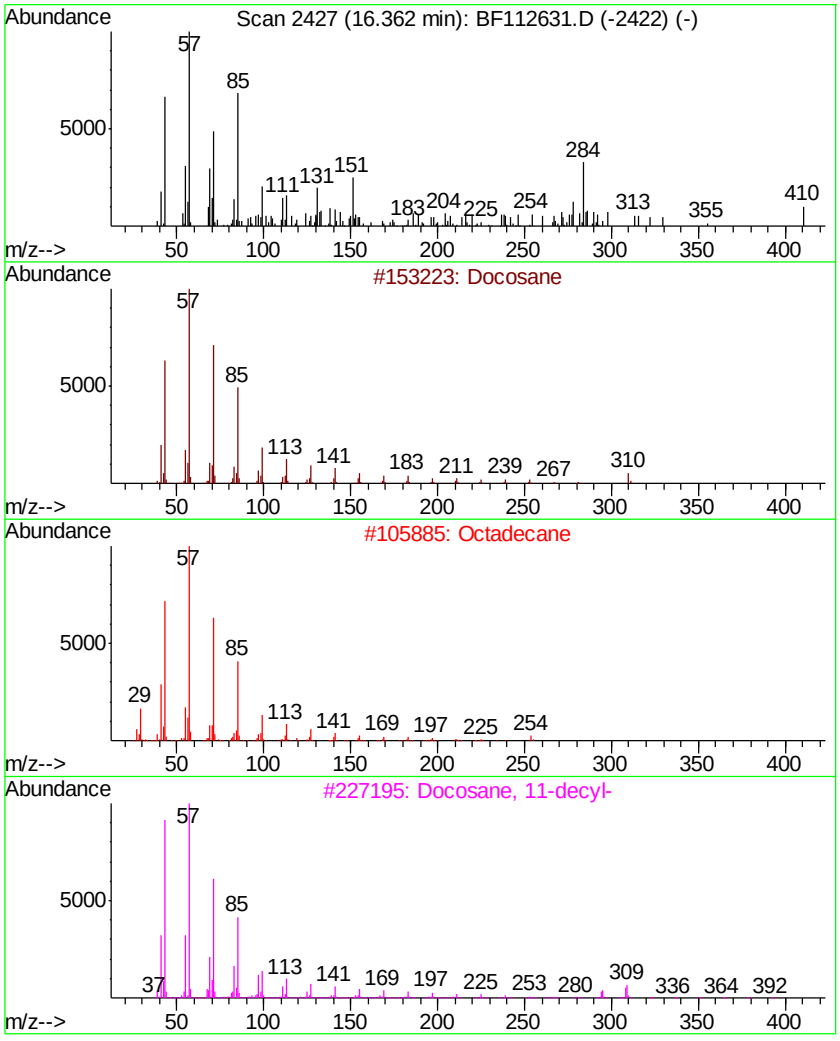
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

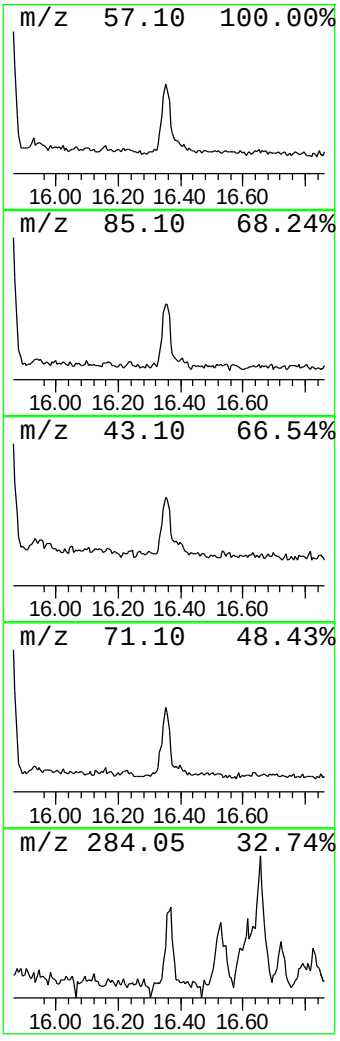
****

Peak Number 20 Docosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	2.84 ng	97274	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	64
2	Octadecane	254	C18H38	000593-45-3	58
3	Docosane, 11-decyl-	451	C32H66	055401-55-3	52
4	Eicosane	282	C20H42	000112-95-8	52
5	Tetrapentacontane	759	C54H110	005856-66-6	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021919\
Data File : BF112631.D
Acq On : 19 Feb 2019 20:02
Operator : JU/SJ
Sample : K1518-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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
2-Pentanone, 4-hy...	5.05	4.8	ng	141984	1	6.82	596611	20.0
unknown6.60	6.60	99.1	ng	2956670	1	6.82	596611	20.0
Phenanthrene, 2-m...	11.85	3.7	ng	182403	4	11.34	994416	20.0
n-Hexadecanoic acid	11.87	13.4	ng	667813	4	11.34	994416	20.0
4H-Cyclopenta[def...	11.96	5.8	ng	290774	4	11.34	994416	20.0
1H-Cyclopropa[l]p...	11.99	2.7	ng	135827	4	11.34	994416	20.0
9,10-Dimethylanth...	12.40	5.2	ng	259310	4	11.34	994416	20.0
Cyclopenta(def)ph...	12.50	4.0	ng	196741	4	11.34	994416	20.0
Octadecanoic acid	12.65	6.9	ng	343851	4	11.34	994416	20.0
Fluoranthene, 2-m...	13.02	3.5	ng	264658	5	14.00	1515280	20.0
11H-Benzo[b]fluorene	13.12	4.4	ng	332143	5	14.00	1515280	20.0
Pyrene, 1-methyl-	13.23	2.6	ng	198553	5	14.00	1515280	20.0
3-Eicosene, (E)-	13.82	7.3	ng	554366	5	14.00	1515280	20.0
Hexacosane	14.43	4.2	ng	314945	5	14.00	1515280	20.0
Octadecane	14.73	8.1	ng	275445	6	15.47	684060	20.0
Benzo[e]pyrene	15.34	12.9	ng	441563	6	15.47	684060	20.0
Heptadecane, 9-oc...	15.86	6.1	ng	207792	6	15.47	684060	20.0
Docosane	16.36	2.8	ng	97274	6	15.47	684060	20.0