LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114026.D
Acq On : 29 Apr 2019 16:51
Operator : JU/SJ
Sample : K2554-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3860

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-BF042219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.204	16	20	30	rVB	58743	87835	2.49%	0.197%
2	5.522	579	584	587	rBV	2716465	2596623	73.62%	5.831%
3	6.522	749	754	757	rBV	2588312	2748188	77.92%	6.171%
4	6.663	773	778	782	rBV	2944747	2900579	82.24%	6.514%
5	6.892	813	817	820	rBV	955265	727003	20.61%	1.633%
6	7.051	840	844	847	rBV	2648662	2206272	62.56%	4.954%
7	7.451	907	912	915	rBV	1816563	1705787	48.36%	3.831%
8	8.175	1031	1035	1052	rBV	987666	934308	26.49%	2.098%
9	9.245	1212	1217	1220	rBV	3952194	3481948	98.73%	7.819%
10	9.633	1279	1283	1288	rBV	500149	396277	11.24%	0.890%
11	9.921	1326	1332	1336	rBV	1267886	1160248	32.90%	2.605%
12	10.127	1363	1367	1371	rBV	61478	60922	1.73%	0.137%
13	10.469	1422	1425	1431	rBV	309820	257150	7.29%	0.577%
14	10.710	1462	1466	1470	rBV	2526486	2396073	67.94%	5.381%
15	10.839	1483	1488	1491	rBV3	37963	51652	1.46%	0.116%
16	10.892	1494	1497	1500	rBV	47217	51656	1.46%	0.116%
17	11.074	1525	1528	1531	rVB3	39037	39383	1.12%	0.088%
18	11.210	1549	1551	1556	rVB2	49639	42835	1.21%	0.096%
19	11.257	1556	1559	1564	rVV4	34576	66006	1.87%	0.148%
20	11.304	1564	1567	1573	rVB	96969	86770	2.46%	0.195%
21	11.410	1581	1585	1587	rBV	1343638	1357732	38.50%	3.049%
22	11.433	1587	1589	1592	rVV	1861700	1423745	40.37%	3.197%
23	11.480	1592	1597	1600	rVB2	376233	363109	10.30%	0.815%
24	11.633	1618	1623	1626	rBV2	64644	89216	2.53%	0.200%
25	11.704	1632	1635	1639	rBV2	65488	60860	1.73%	0.137%
26	11.910	1666	1670	1671	rBV	125424	120176	3.41%	0.270%
27	11.933	1671	1674	1680	rVB	712995	619147	17.55%	1.390%
28	11.980	1680	1682	1685	rVB	80633	69296	1.96%	0.156%
29	12.021	1685	1689	1692	rBV	493098	491514	13.94%	1.104%
30	12.204	1716	1720	1722	rBV	145332	135289	3.84%	0.304%
31	12.221	1722	1723	1728	rVB2	60354	47902	1.36%	0.108%
32	12.351	1740	1745	1748	rBV2	53910	55824	1.58%	0.125%
33	12.457	1759	1763	1766	rBV	76912	84529	2.40%	0.190%
34	12.492	1766	1769	1772	rVV2	59762	76322	2.16%	0.171%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114026.D
Acq On : 29 Apr 2019 16:51
Operator : JU/SJ
Sample : K2554-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3860

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-BF042219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.539	1774	1777	1782	rVB	182091	176296	5.00%	0.396%
36	12.621	1787	1791	1795	rBV	3028429	2945313	83.51%	6.614%
37	12.715	1803	1807	1810	rBV	313622	298851	8.47%	0.671%
38	12.768	1814	1816	1820	rVV	102210	94302	2.67%	0.212%
39	12.851	1823	1830	1833	rBV	2297150	2560381	72.60%	5.750%
40	12.892	1835	1837	1843	rVB2	86941	98946	2.81%	0.222%
41	12.992	1850	1854	1857	rVB	3885032	3526909	100.00%	7.920%
42	13.068	1861	1867	1870	rBV2	103005	163157	4.63%	0.366%
43	13.151	1877	1881	1882	rBV3	85000	85064	2.41%	0.191%
44	13.174	1882	1885	1888	rVB	334595	303771	8.61%	0.682%
45	13.239	1888	1896	1899	rBV	338240	342214	9.70%	0.768%
46	13.280	1899	1903	1905	rVV2	143513	169469	4.81%	0.381%
47	13.304	1905	1907	1910	rVB	69633	62627	1.78%	0.141%
48	13.368	1916	1918	1921	rVB	52470	46044	1.31%	0.103%
49	13.404	1921	1924	1927	rBV2	63642	73096	2.07%	0.164%
50	13.562	1946	1951	1952	rBV4	27651	42343	1.20%	0.095%
51	13.680	1969	1971	1976	rVB	75071	76501	2.17%	0.172%
52	13.792	1986	1990	1993	rBV2	108843	129971	3.69%	0.292%
53	13.821	1993	1995	1997	rVV	112585	84546	2.40%	0.190%
54	13.845	1997	1999	2003	rVB2	75182	73422	2.08%	0.165%
55	13.909	2003	2010	2018	rBV4	171778	473573	13.43%	1.063%
56	14.045	2026	2033	2036	rBV2	1276398	1764688	50.03%	3.963%
57	14.074	2036	2038	2044	rVB	463796	425535	12.07%	0.956%
58	14.151	2049	2051	2054	rBV	56081	50284	1.43%	0.113%
59	14.268	2068	2071	2075	rVB2	38230	47734	1.35%	0.107%
60	14.439	2097	2100	2103	rVB	62253	55463	1.57%	0.125%
61	14.474	2103	2106	2110	rVB3	43244	45601	1.29%	0.102%
62	14.527	2110	2115	2119	rBV4	97071	125297	3.55%	0.281%
63	14.568	2119	2122	2124	rVV3	57559	68480	1.94%	0.154%
64	14.592	2124	2126	2130	rVB2	65535	61674	1.75%	0.138%
65	14.751	2150	2153	2157	rBV2	33330	42309	1.20%	0.095%
66	14.839	2164	2168	2172	rBV	130859	136616	3.87%	0.307%
67	15.104	2208	2213	2216	rBV	288346	443772	12.58%	0.997%
68	15.180	2223	2226	2229	rBV	141296	165734	4.70%	0.372%
69	15.209	2229	2231	2234	rVB	44147	44720	1.27%	0.100%
70	15.409	2260	2265	2271	rVB	144559	195226	5.54%	0.438%
71	15.468	2271	2275	2281	rVV	185313	233415	6.62%	0.524%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114026.D
Acq On : 29 Apr 2019 16:51
Operator : JU/SJ
Sample : K2554-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3860

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-BF042219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.539	2281	2287	2290	rVV	795274	1022122	28.98%	2.295%
73	15.568	2290	2292	2300	rVB	179940	224102	6.35%	0.503%
74	16.015	2363	2368	2374	rVB	120087	180052	5.11%	0.404%
75	16.109	2380	2384	2385	rBV4	34032	40719	1.15%	0.091%
76	16.527	2450	2455	2459	rBV2	57144	96217	2.73%	0.216%
77	17.015	2532	2538	2547	rBV2	72975	144596	4.10%	0.325%
78	17.456	2608	2613	2620	rVB	49132	98122	2.78%	0.220%

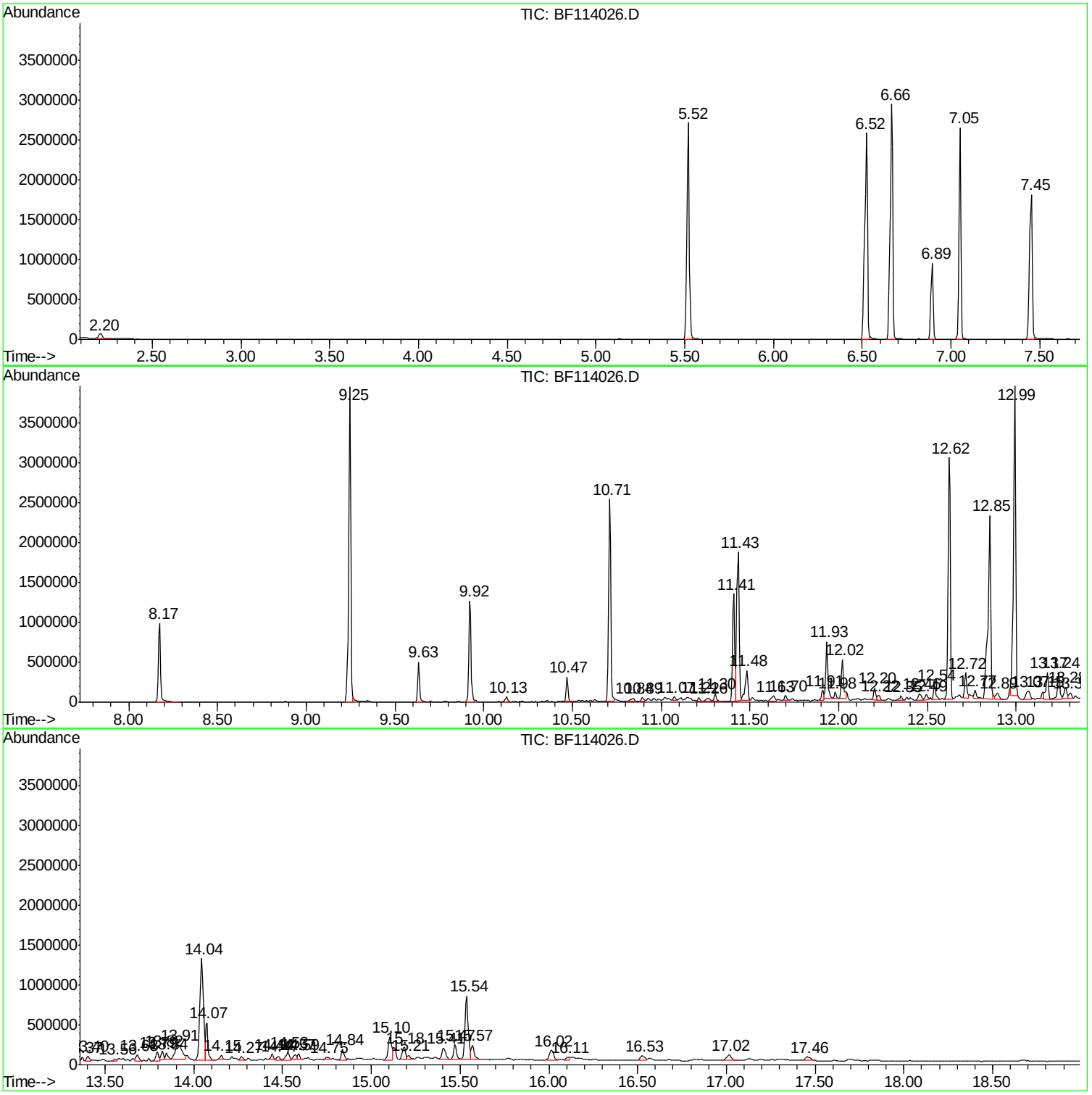
Sum of corrected areas: 44531450

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114026.D
Acq On : 29 Apr 2019 16:51
Operator : JU/SJ
Sample : K2554-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT3860

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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\BF042919\
Data File : BF114026.D
Acq On : 29 Apr 2019 16:51
Operator : JU/SJ
Sample : K2554-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3860

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

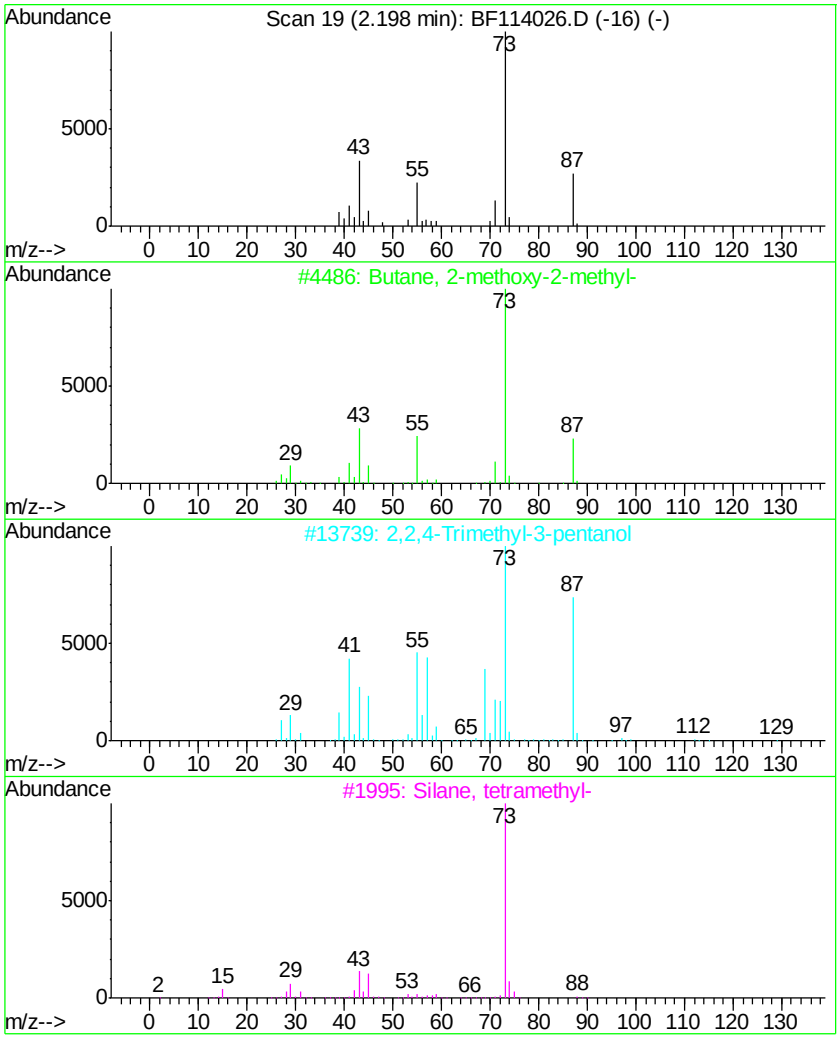
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

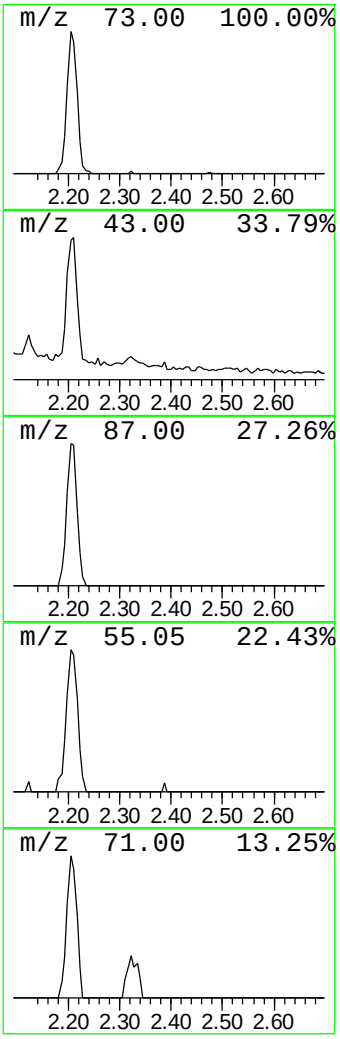
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	2.42 ng	87835	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114026.D
Acq On : 29 Apr 2019 16:51
Operator : JU/SJ
Sample : K2554-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3860

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

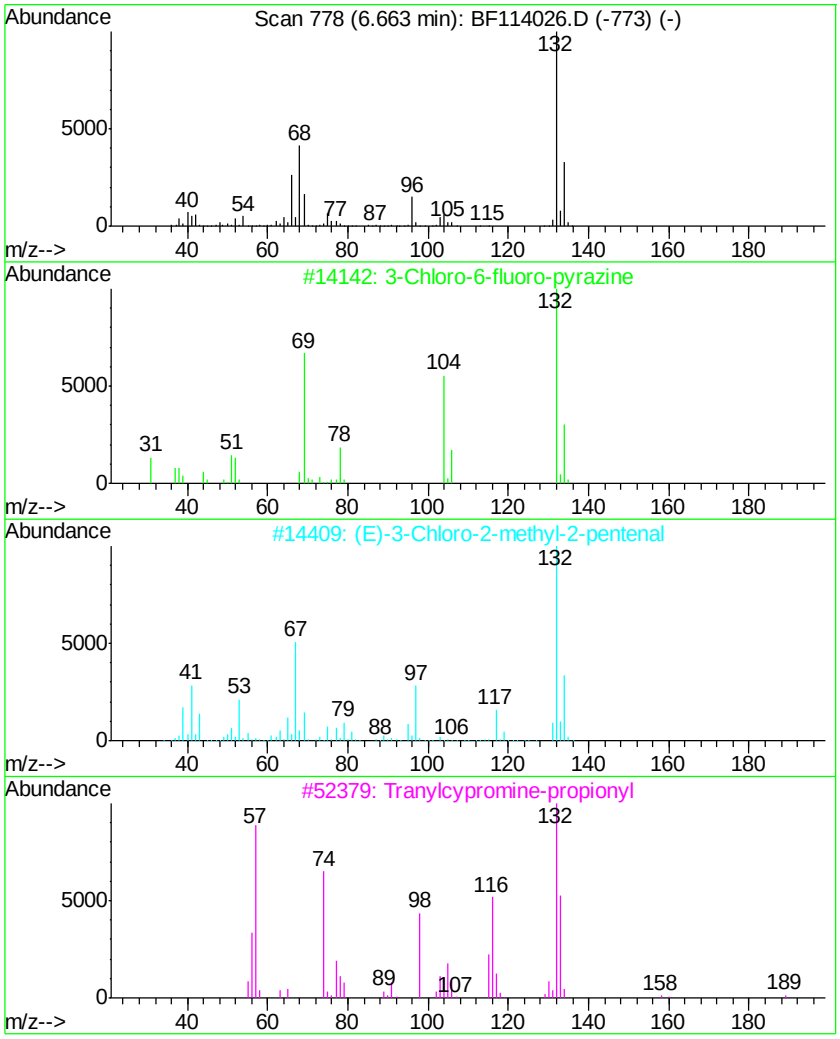
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

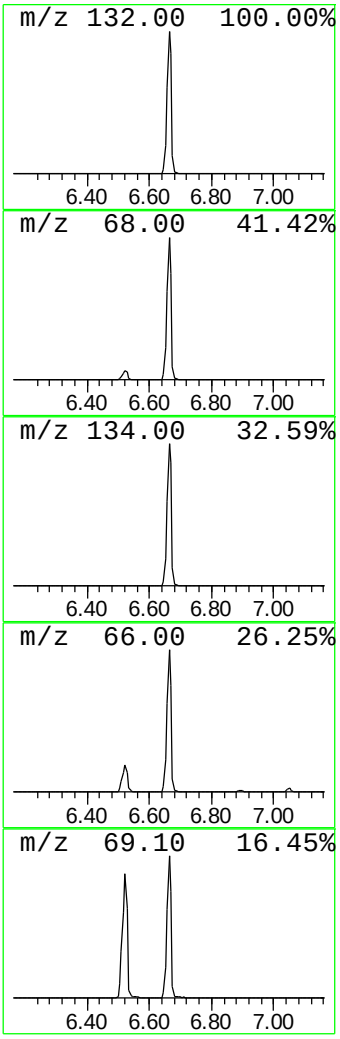
****

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	79.80 ng	2900580	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114026.D
Acq On : 29 Apr 2019 16:51
Operator : JU/SJ
Sample : K2554-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3860

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

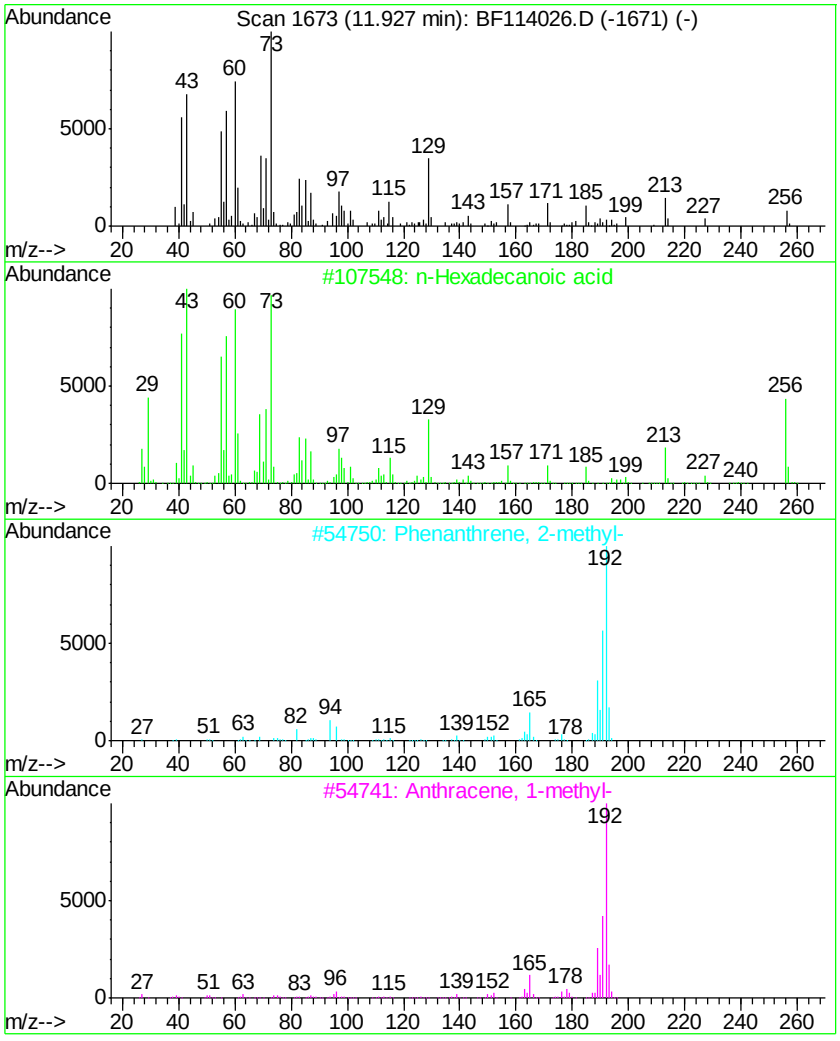
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

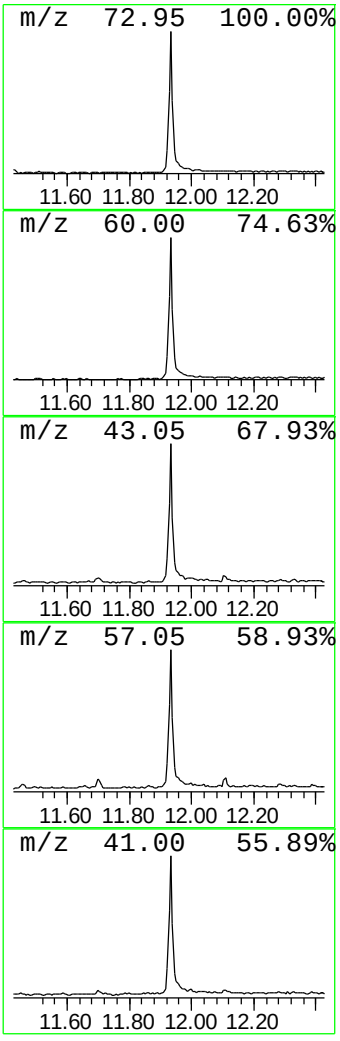
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	9.12 ng	619147	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114026.D
Acq On : 29 Apr 2019 16:51
Operator : JU/SJ
Sample : K2554-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3860

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

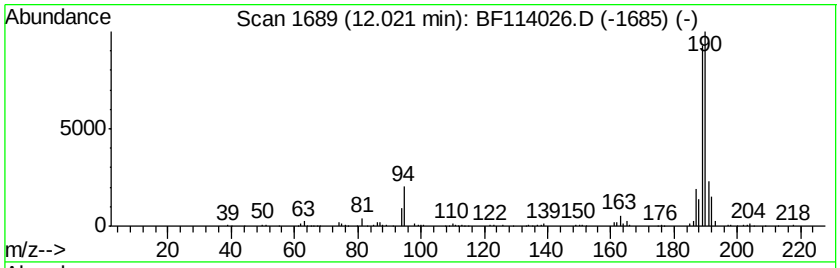
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

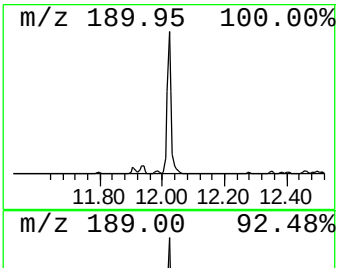
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	7.24 ng	491514	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40
5	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114026.D
Acq On : 29 Apr 2019 16:51
Operator : JU/SJ
Sample : K2554-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3860

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

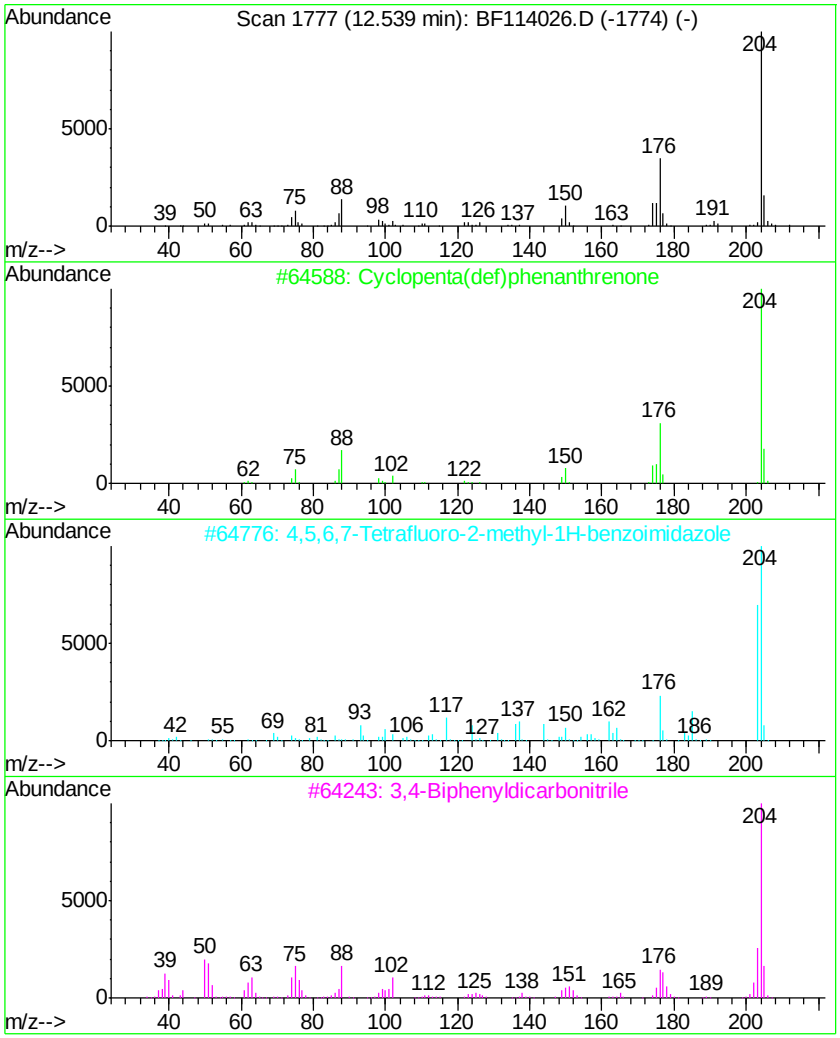
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

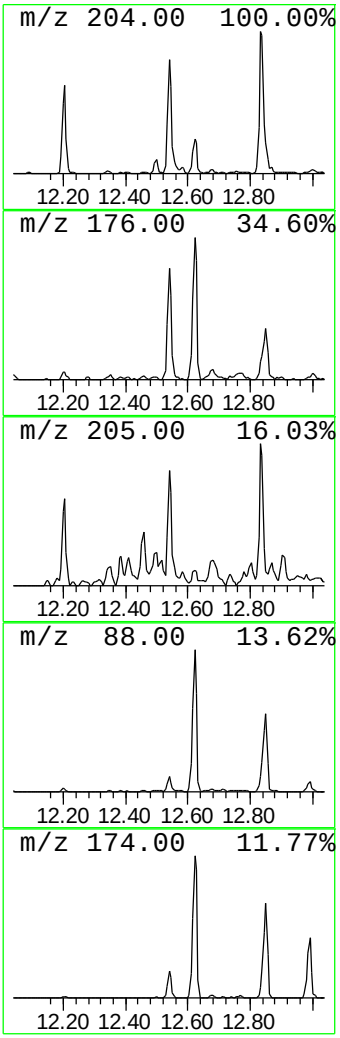
****

Peak Number 6 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	2.60 ng	176296	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	4,5,6,7-Tetrafluoro-2-methyl-1H-...	204	C8H4F4N2	081430-75-3	59
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
4	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	50
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114026.D
Acq On : 29 Apr 2019 16:51
Operator : JU/SJ
Sample : K2554-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3860

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

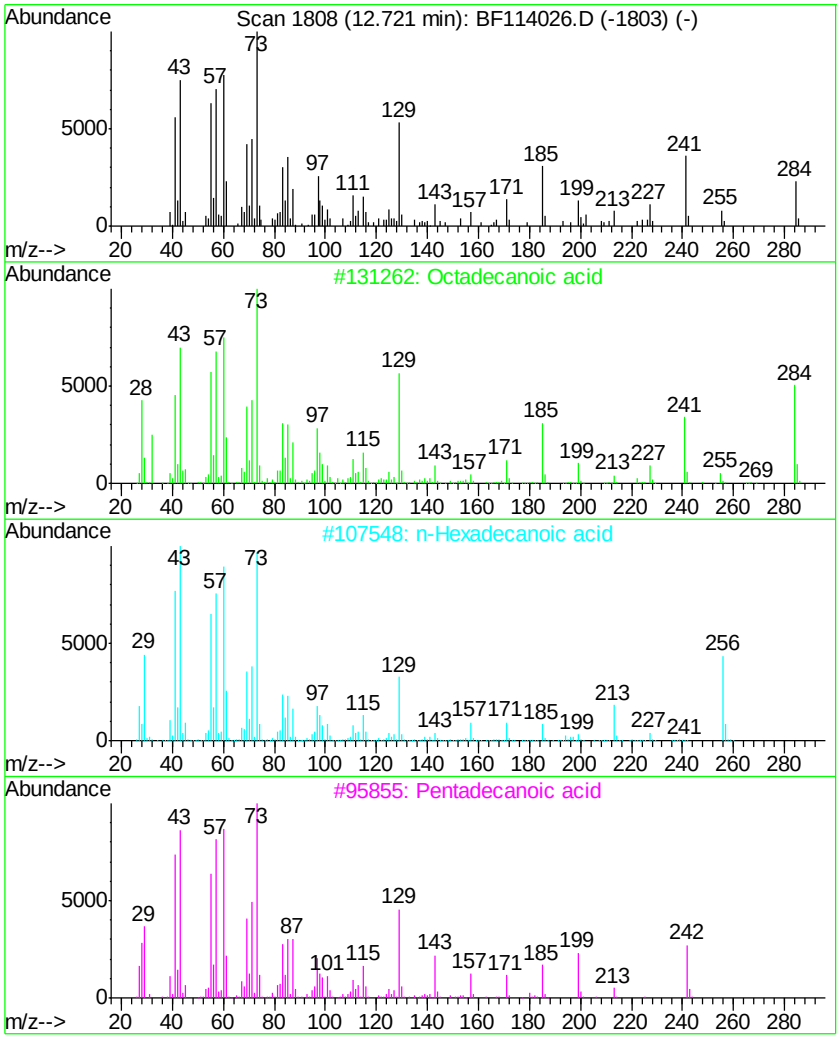
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

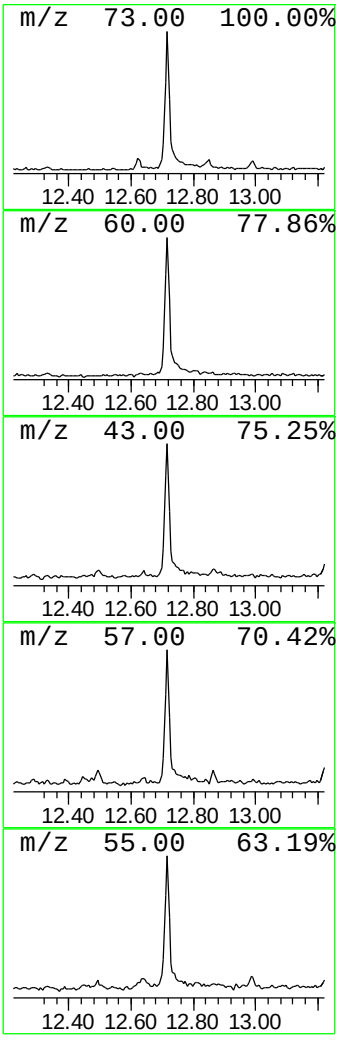
****

Peak Number 7 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	4.40 ng	298851	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114026.D
Acq On : 29 Apr 2019 16:51
Operator : JU/SJ
Sample : K2554-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3860

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

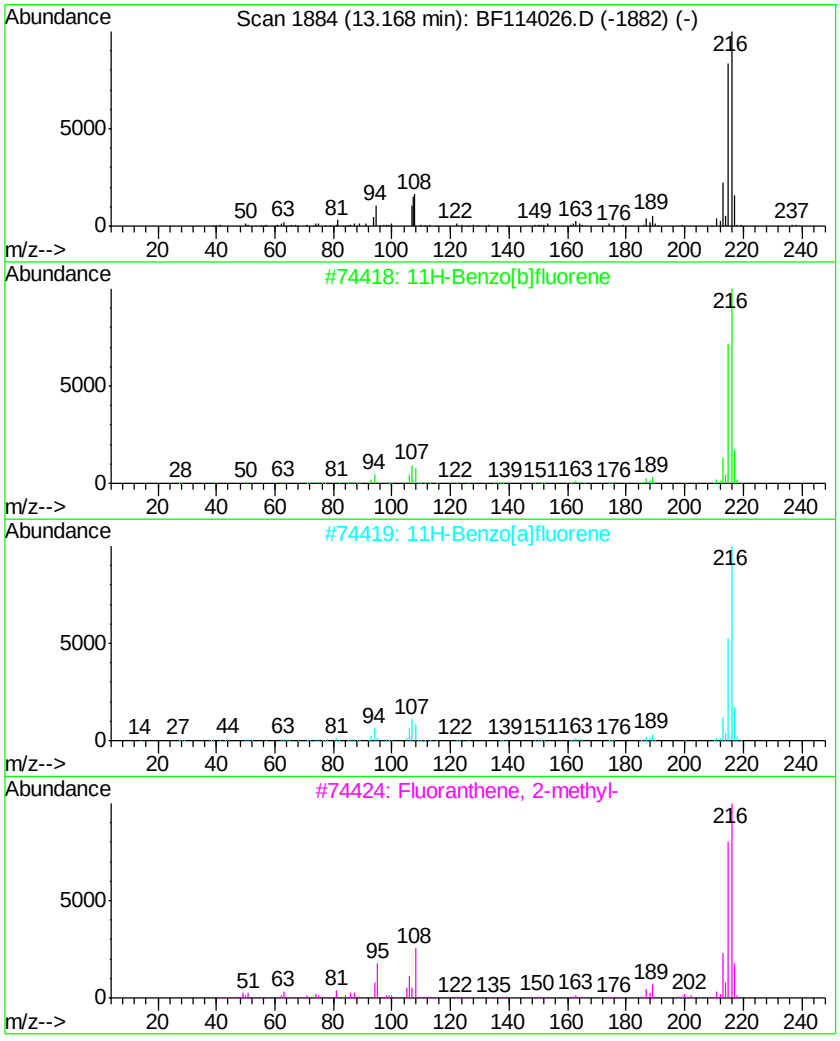
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

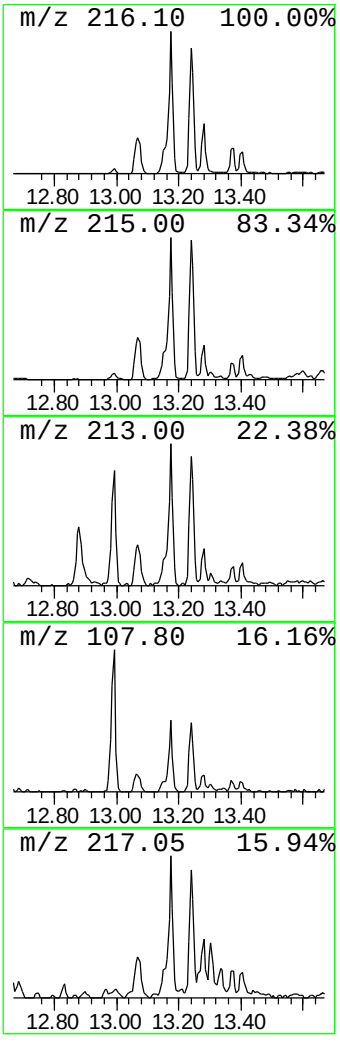
****

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	3.44 ng	303771	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114026.D
Acq On : 29 Apr 2019 16:51
Operator : JU/SJ
Sample : K2554-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3860

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

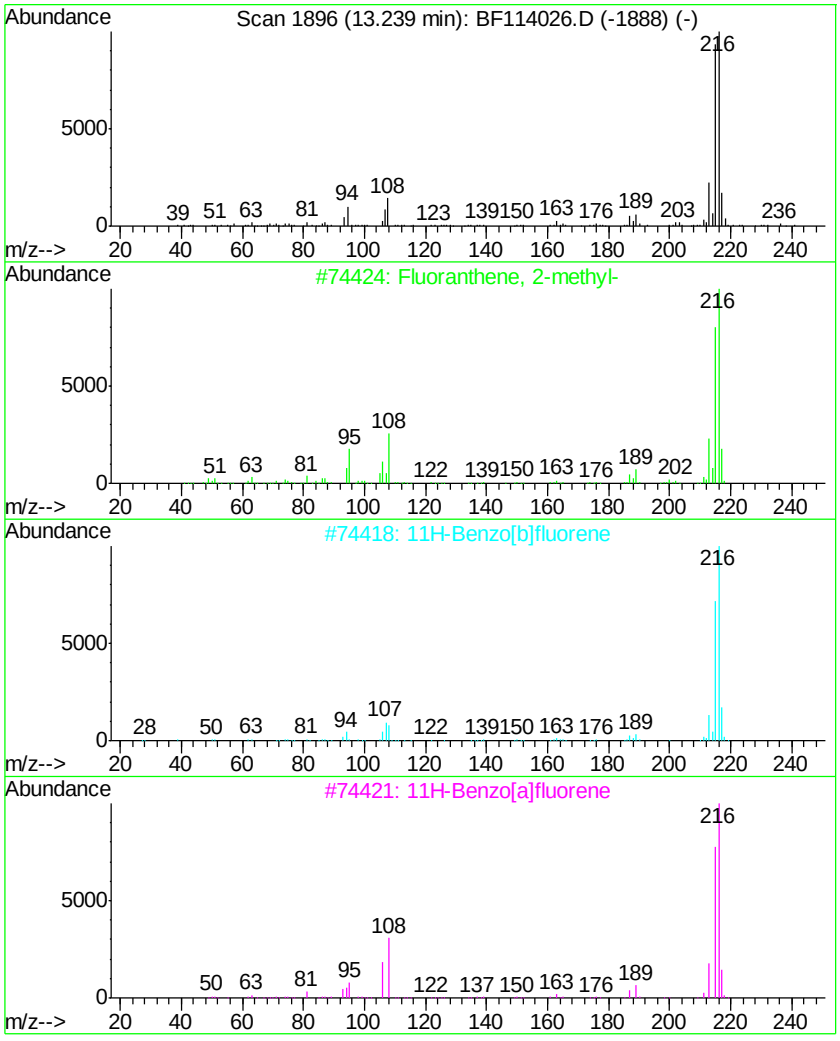
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

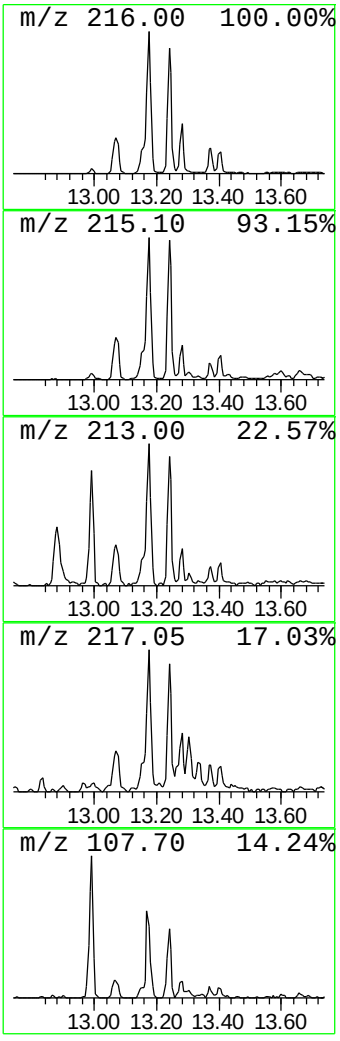
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	3.88 ng	342214	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	62
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114026.D
Acq On : 29 Apr 2019 16:51
Operator : JU/SJ
Sample : K2554-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3860

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

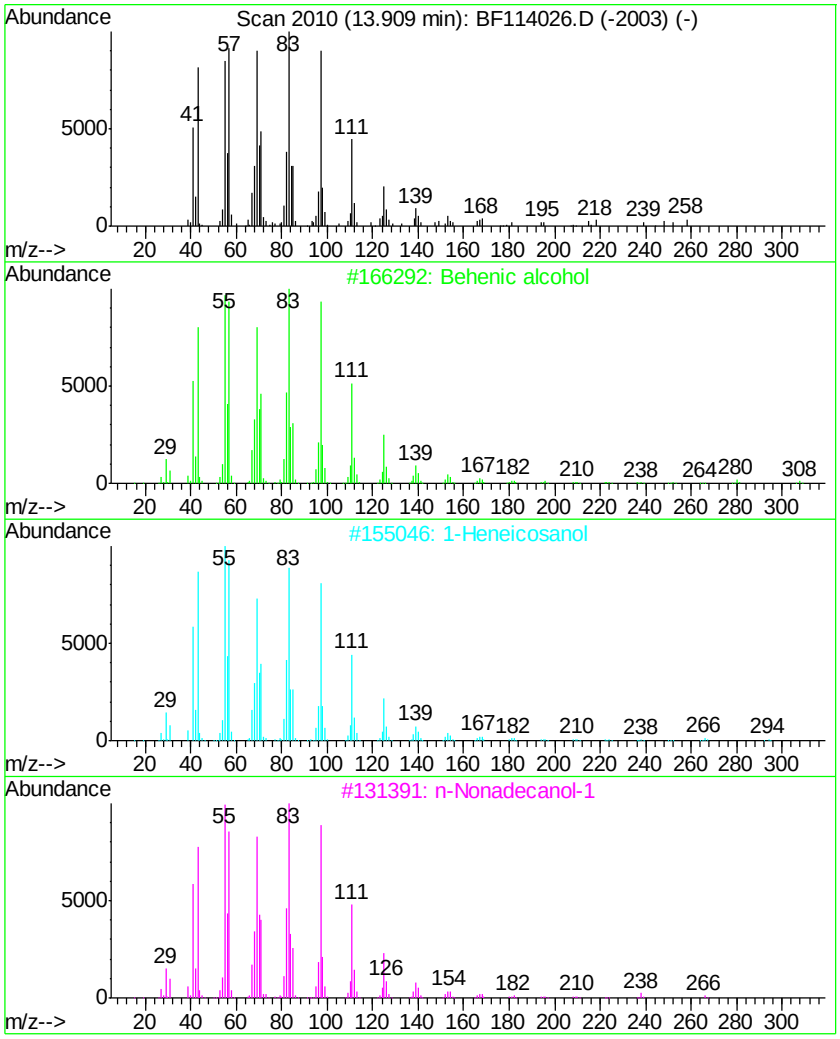
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

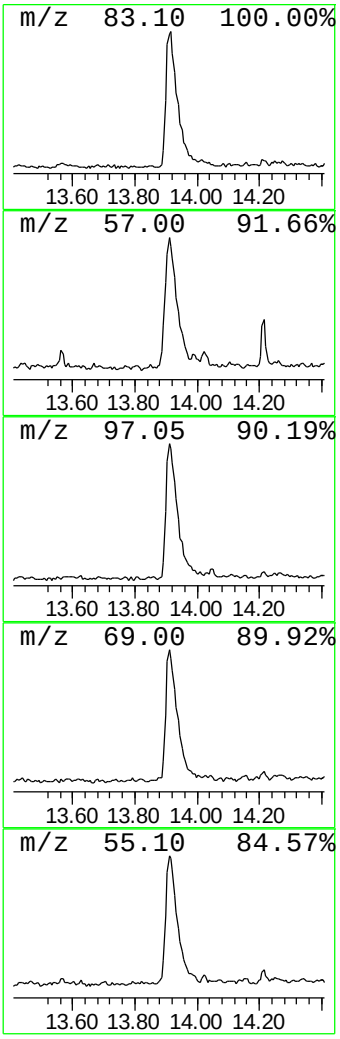
****

Peak Number 10 Behenic alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	5.37 ng	473573	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114026.D
Acq On : 29 Apr 2019 16:51
Operator : JU/SJ
Sample : K2554-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3860

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

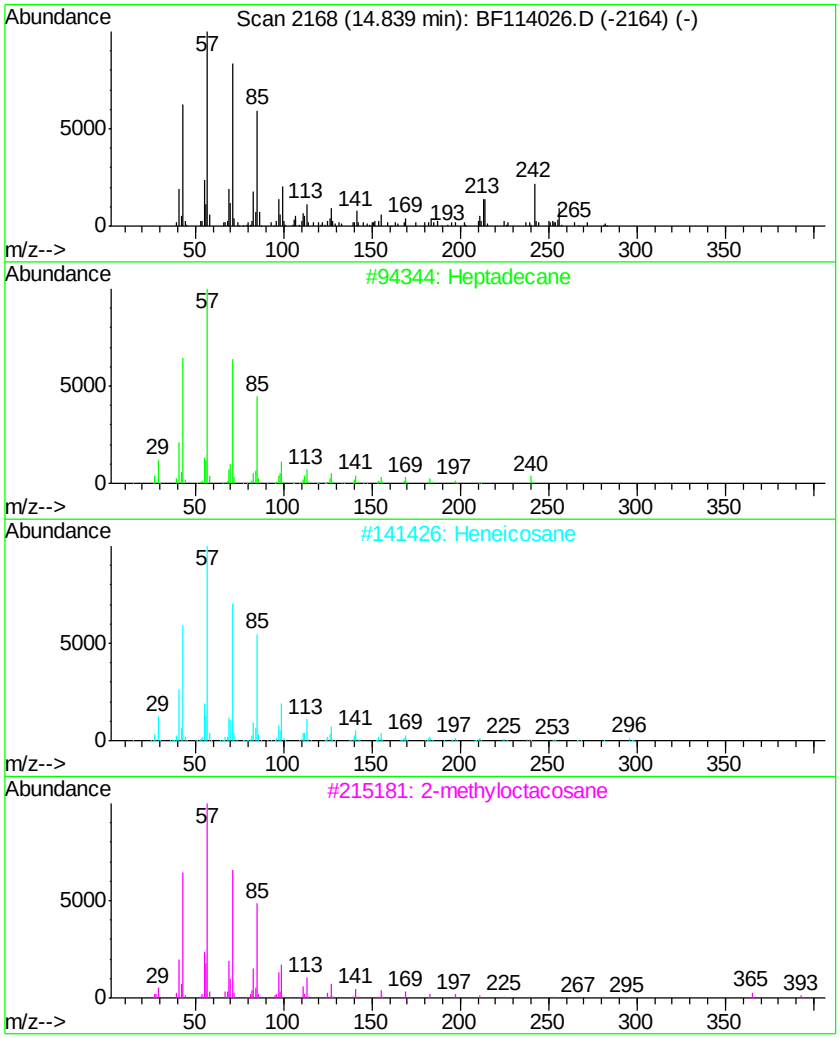
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

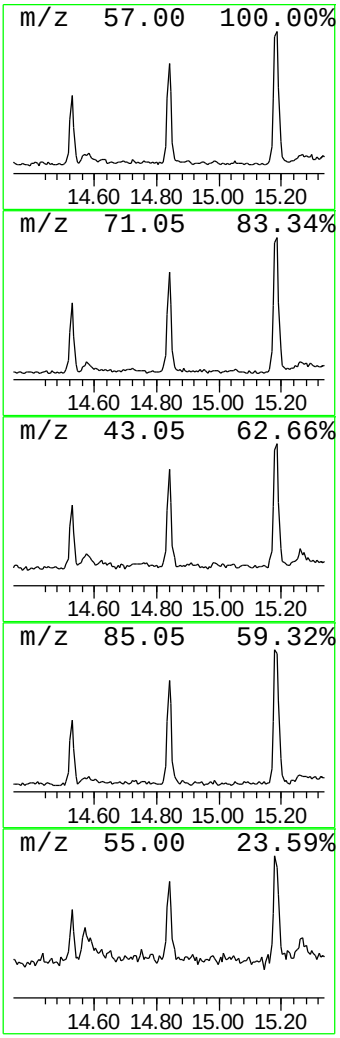
****

Peak Number 11 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	2.67 ng	136616	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Heneicosane	296	C21H44	000629-94-7	76
3	2-methyloctacosane	408	C29H60	1000376-72-8	76
4	Octacosane	394	C28H58	000630-02-4	76
5	Hexacosane	366	C26H54	000630-01-3	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114026.D
Acq On : 29 Apr 2019 16:51
Operator : JU/SJ
Sample : K2554-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3860

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

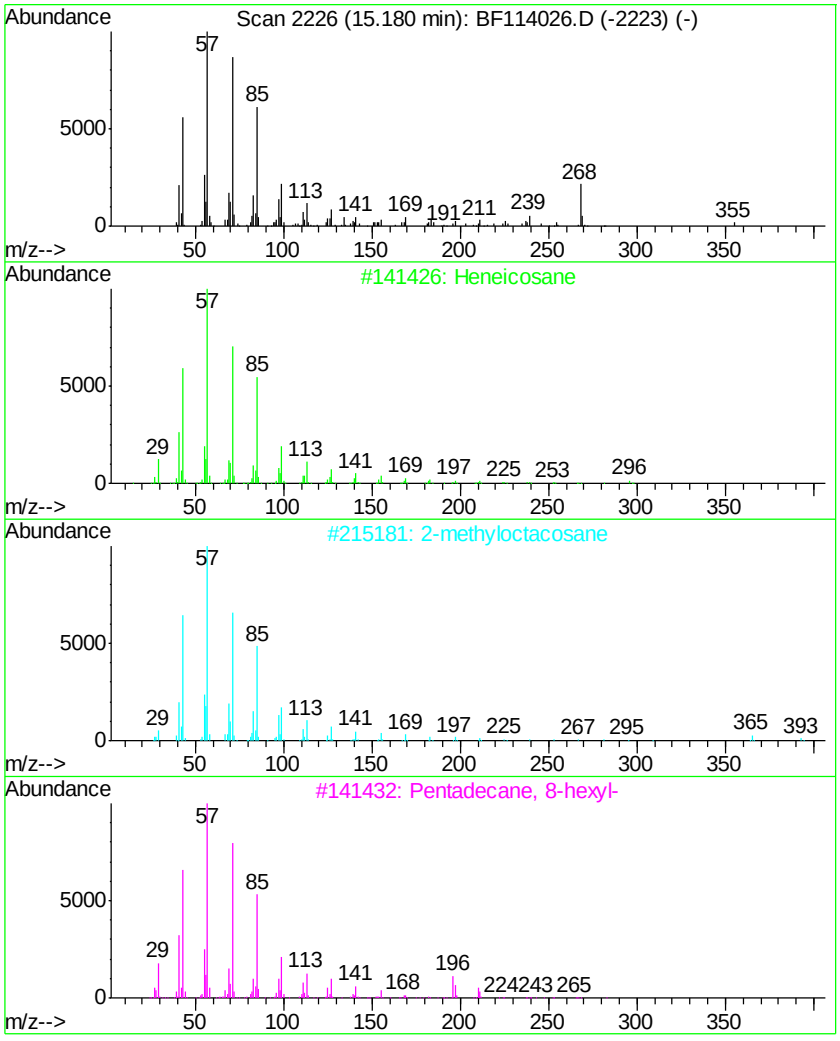
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

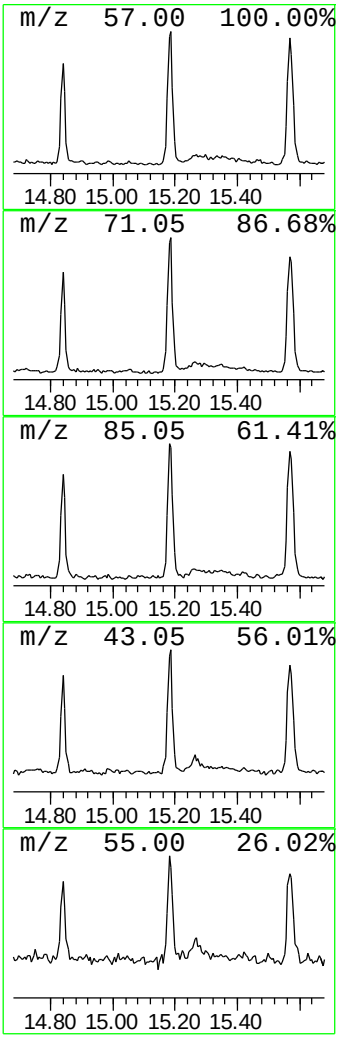
****

Peak Number 12 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	3.24 ng	165734	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	2-methyloctacosane	408	C29H60	1000376-72-8	83
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	83
4	Pentacosane	352	C25H52	000629-99-2	83
5	Hexacosane	366	C26H54	000630-01-3	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114026.D
Acq On : 29 Apr 2019 16:51
Operator : JU/SJ
Sample : K2554-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3860

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

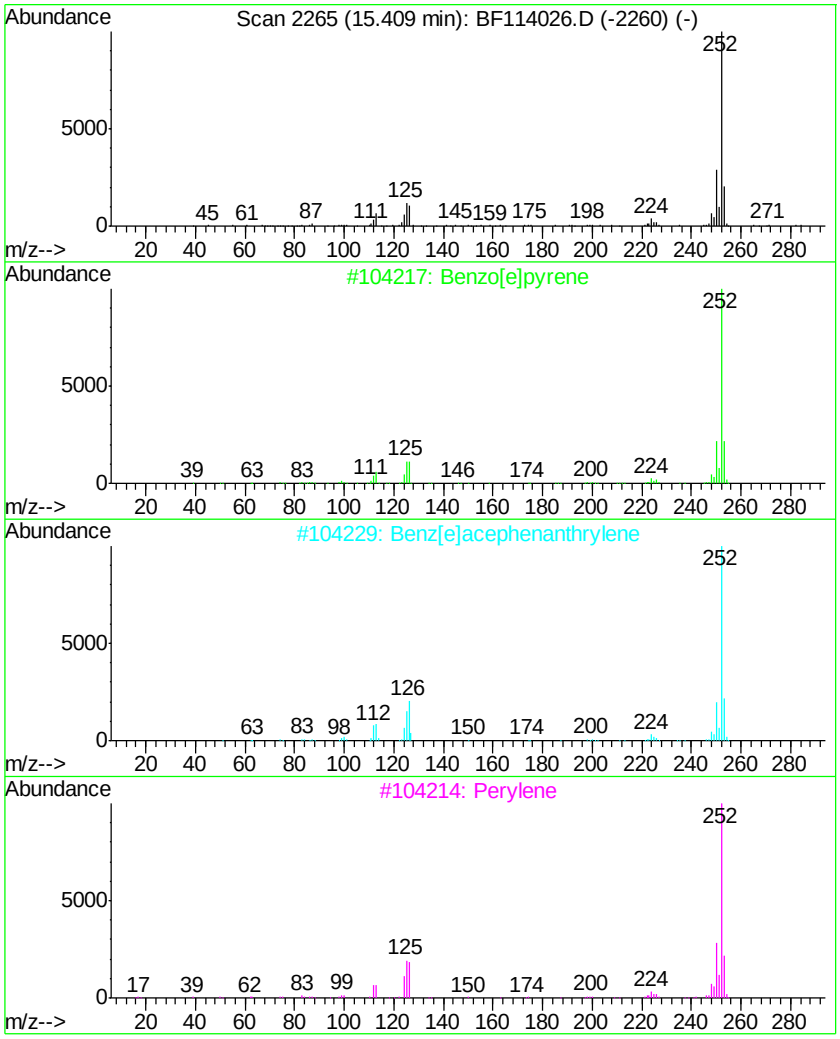
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

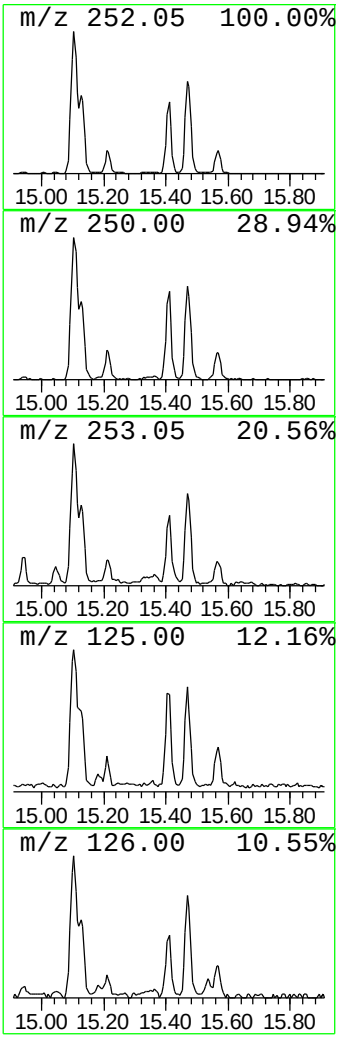
****

Peak Number 13 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	3.82 ng	195226	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114026.D
Acq On : 29 Apr 2019 16:51
Operator : JU/SJ
Sample : K2554-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3860

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

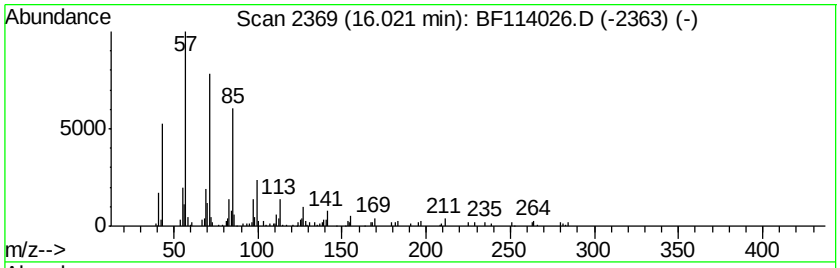
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

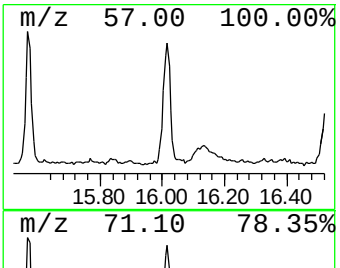
****

Peak Number 14 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	3.52 ng	180052	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114026.D
Acq On : 29 Apr 2019 16:51
Operator : JU/SJ
Sample : K2554-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3860

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.20	2.4	ng	87835	1	6.89	727003	20.0
unknown6.66	6.66	79.8	ng	2900580	1	6.89	727003	20.0
n-Hexadecanoic acid	11.93	9.1	ng	619147	4	11.41	1357730	20.0
4H-Cyclopenta[def...	12.02	7.2	ng	491514	4	11.41	1357730	20.0
Cyclopenta(def)ph...	12.54	2.6	ng	176296	4	11.41	1357730	20.0
Octadecanoic acid	12.72	4.4	ng	298851	4	11.41	1357730	20.0
11H-Benzo[b]fluorene	13.17	3.4	ng	303771	5	14.04	1764690	20.0
Fluoranthene, 2-m...	13.24	3.9	ng	342214	5	14.04	1764690	20.0
Behenic alcohol	13.91	5.4	ng	473573	5	14.04	1764690	20.0
Heptadecane	14.84	2.7	ng	136616	6	15.54	1022120	20.0
Heneicosane	15.18	3.2	ng	165734	6	15.54	1022120	20.0
Benzo[e]pyrene	15.41	3.8	ng	195226	6	15.54	1022120	20.0
2-methyloctacosane	16.02	3.5	ng	180052	6	15.54	1022120	20.0