LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113217.D
Acq On : 21 Mar 2019 19:20
Operator : JU/SJ
Sample : K2004-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(0.5-1.5)

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-BF022719.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	2.234	23	25	31	rVB4	10513	16141	1.19%	0.076%
2	5.334	548	552	567	rBV	656015	688119	50.74%	3.219%
3	6.363	723	727	745	rBV	955543	917368	67.65%	4.291%
4	6.493	745	749	759	rBV	982834	840767	62.00%	3.933%
5	6.722	784	788	794	rBV	1016846	849455	62.64%	3.973%
6	6.875	811	814	827	rVB	761090	691000	50.96%	3.232%
7	7.281	879	883	891	rBV	541662	556073	41.01%	2.601%
8	8.004	1002	1006	1021	rBV	1088589	1051608	77.55%	4.919%
9	9.081	1185	1189	1198	rBV	980030	1029826	75.94%	4.817%
10	9.357	1230	1236	1241	rVB4	8060	13588	1.00%	0.064%
11	9.416	1241	1246	1249	rBV2	15527	18958	1.40%	0.089%
12	9.475	1253	1256	1264	rVB	50378	56865	4.19%	0.266%
13	9.757	1300	1304	1307	rBV	1307898	1270044	93.66%	5.941%
14	9.786	1307	1309	1314	rVB	78758	75347	5.56%	0.352%
15	9.963	1335	1339	1344	rBV	12583	15625	1.15%	0.073%
16	10.304	1394	1397	1402	rBV	32379	34818	2.57%	0.163%
17	10.369	1402	1408	1410	rBV2	13616	19677	1.45%	0.092%
18	10.539	1434	1437	1443	rBV	384286	386166	28.48%	1.806%
19	10.669	1456	1459	1466	rVB2	23327	29675	2.19%	0.139%
20	10.851	1482	1490	1492	rBV3	13735	22930	1.69%	0.107%
21	11.039	1519	1522	1527	rVB2	19235	20854	1.54%	0.098%
22	11.098	1527	1532	1533	rVV2	25635	31094	2.29%	0.145%
23	11.133	1536	1538	1543	rVB	36555	41025	3.03%	0.192%
24	11.233	1551	1555	1557	rBV	1068311	958217	70.66%	4.482%
25	11.257	1557	1559	1564	rVV	628034	548072	40.42%	2.564%
26	11.310	1565	1568	1572	rVB	81704	78200	5.77%	0.366%
27	11.469	1590	1595	1597	rBV	26345	29886	2.20%	0.140%
28	11.539	1603	1607	1609	rBV2	23058	23467	1.73%	0.110%
29	11.569	1609	1612	1614	rVB	31176	27548	2.03%	0.129%
30	11.645	1621	1625	1629	rVB	26042	32386	2.39%	0.151%
31	11.692	1631	1633	1637	rBV4	14449	19849	1.46%	0.093%
32	11.733	1637	1640	1643	rVV	168728	162288	11.97%	0.759%
33	11.769	1643	1646	1650	rVV	231459	246802	18.20%	1.154%
34	11.810	1650	1653	1656	rVV	45226	47701	3.52%	0.223%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113217.D
Acq On : 21 Mar 2019 19:20
Operator : JU/SJ
Sample : K2004-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(0.5-1.5)

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.845	1656	1659	1661	rVV	188709	193817	14.29%	0.907%
36	11.869	1661	1663	1669	rVB	131303	124549	9.18%	0.583%
37	11.945	1673	1676	1678	rVB2	41377	34466	2.54%	0.161%
38	11.969	1678	1680	1683	rVB	26345	20249	1.49%	0.095%
39	12.027	1687	1690	1693	rBV	61205	63382	4.67%	0.296%
40	12.057	1693	1695	1700	rVB3	57408	57189	4.22%	0.268%
41	12.104	1700	1703	1708	rBV2	26350	26910	1.98%	0.126%
42	12.163	1710	1713	1714	rBV2	19675	19952	1.47%	0.093%
43	12.180	1714	1716	1719	rVB	55006	42571	3.14%	0.199%
44	12.210	1719	1721	1723	rBV	45064	36297	2.68%	0.170%
45	12.233	1723	1725	1729	rVB2	32861	29668	2.19%	0.139%
46	12.286	1730	1734	1736	rBV	128018	123192	9.08%	0.576%
47	12.327	1736	1741	1745	rVB3	87734	155845	11.49%	0.729%
48	12.369	1745	1748	1752	rBV3	74249	89287	6.58%	0.418%
49	12.410	1752	1755	1757	rBV3	17455	15306	1.13%	0.072%
50	12.445	1757	1761	1764	rBV	672963	579008	42.70%	2.708%
51	12.492	1767	1769	1770	rBV	19283	15146	1.12%	0.071%
52	12.510	1770	1772	1775	rVB2	38011	34408	2.54%	0.161%
53	12.575	1775	1783	1785	rBV7	38048	85333	6.29%	0.399%
54	12.627	1790	1792	1794	rVB	19874	14291	1.05%	0.067%
55	12.669	1794	1799	1802	rBV	691902	723616	53.36%	3.385%
56	12.698	1802	1804	1807	rVB	72875	64432	4.75%	0.301%
57	12.733	1808	1810	1813	rVB	53897	50234	3.70%	0.235%
58	12.786	1817	1819	1820	rBV2	28628	23603	1.74%	0.110%
59	12.816	1820	1824	1831	rVB	771495	774319	57.10%	3.622%
60	12.892	1833	1837	1844	rBV4	81626	145557	10.73%	0.681%
61	12.951	1844	1847	1850	rBV2	87991	103968	7.67%	0.486%
62	12.974	1850	1851	1852	rBV	27014	18262	1.35%	0.085%
63	12.998	1853	1855	1858	rVB	120584	110716	8.16%	0.518%
64	13.057	1862	1865	1869	rBV2	133019	166325	12.27%	0.778%
65	13.104	1869	1873	1875	rBV	138914	150331	11.09%	0.703%
66	13.192	1886	1888	1891	rVB	74067	62713	4.62%	0.293%
67	13.227	1891	1894	1897	rVB2	88815	73392	5.41%	0.343%
68	13.398	1920	1923	1926	rBV	162090	145804	10.75%	0.682%
69	13.510	1939	1942	1946	rVB2	86361	100087	7.38%	0.468%
70	13.616	1956	1960	1962	rBV3	72739	100474	7.41%	0.470%
71	13.639	1962	1964	1967	rVB2	65375	61438	4.53%	0.287%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113217.D
Acq On : 21 Mar 2019 19:20
Operator : JU/SJ
Sample : K2004-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(0.5-1.5)

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.721	1974	1978	1982	rBV2	166687	179413	13.23%	0.839%
73	13.833	1994	1997	1998	rBV	59098	60397	4.45%	0.283%
74	13.863	1998	2002	2005	rVV2	1061112	1356077	100.00%	6.343%
75	13.892	2005	2007	2012	rVB	381029	326428	24.07%	1.527%
76	14.039	2029	2032	2039	rBV	253108	238095	17.56%	1.114%
77	14.216	2060	2062	2064	rBV	43750	39253	2.89%	0.184%
78	14.251	2066	2068	2071	rVV	126893	125935	9.29%	0.589%
79	14.286	2071	2074	2076	rVB2	66334	59977	4.42%	0.281%
80	14.345	2081	2084	2087	rVB	310797	286970	21.16%	1.342%
81	14.374	2087	2089	2091	rBV	54589	52482	3.87%	0.245%
82	14.639	2130	2134	2137	rBV	353148	339903	25.07%	1.590%
83	14.880	2171	2175	2184	rVB	257640	456396	33.66%	2.135%
84	14.957	2184	2188	2196	rVB2	305992	370105	27.29%	1.731%
85	15.163	2219	2223	2228	rVB	165411	217687	16.05%	1.018%
86	15.216	2229	2232	2238	rVB	215419	249333	18.39%	1.166%
87	15.280	2238	2243	2245	rBV	602030	727593	53.65%	3.403%
88	15.310	2245	2248	2255	rVB2	282630	367556	27.10%	1.719%
89	15.715	2313	2317	2323	rVB	196473	270113	19.92%	1.263%
90	16.180	2393	2396	2402	rVB	115859	167448	12.35%	0.783%

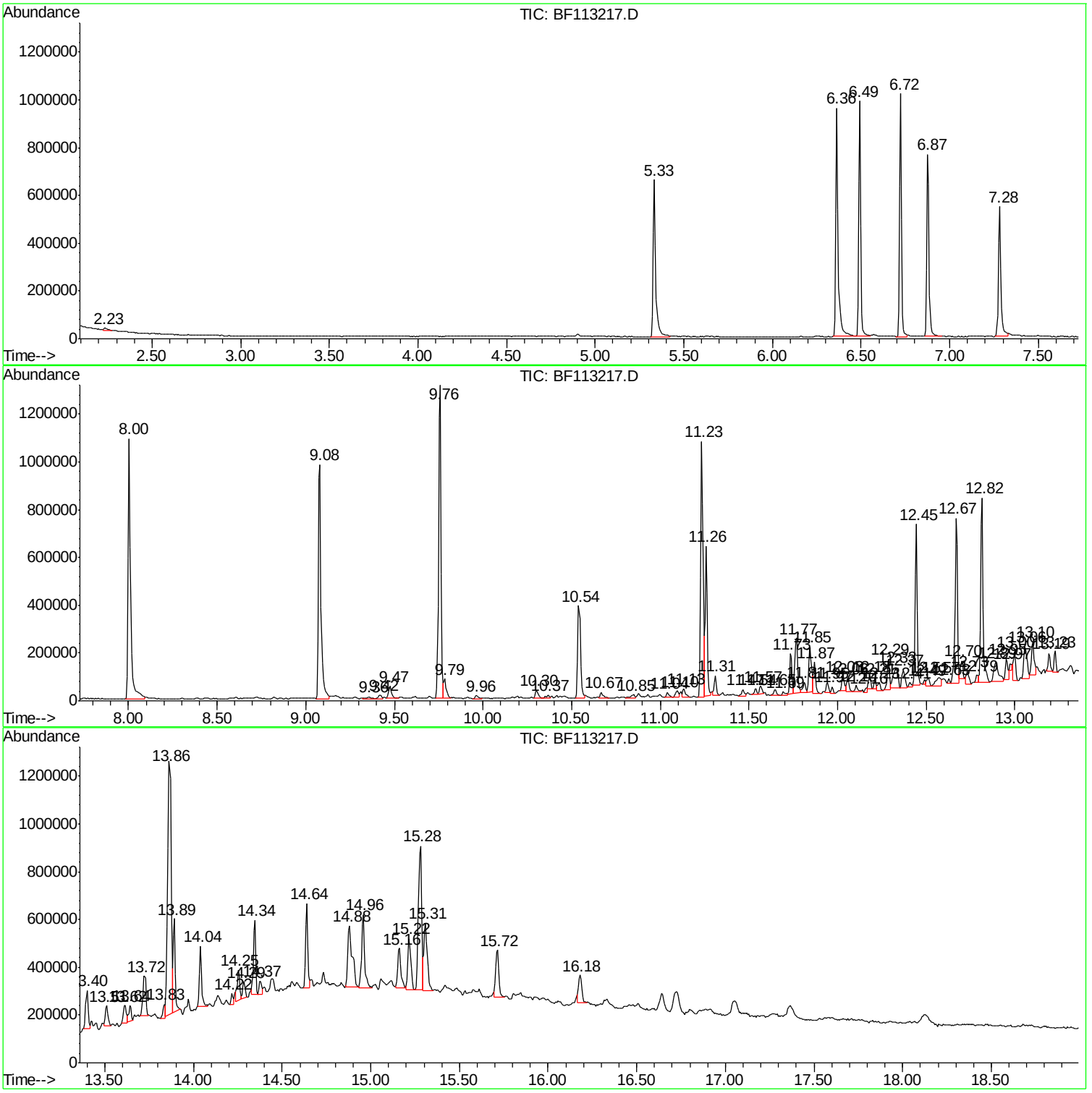
Sum of corrected areas: 21378737

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113217.D
Acq On : 21 Mar 2019 19:20
Operator : JU/SJ
Sample : K2004-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-23(0.5-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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\BF032119\
Data File : BF113217.D
Acq On : 21 Mar 2019 19:20
Operator : JU/SJ
Sample : K2004-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(0.5-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

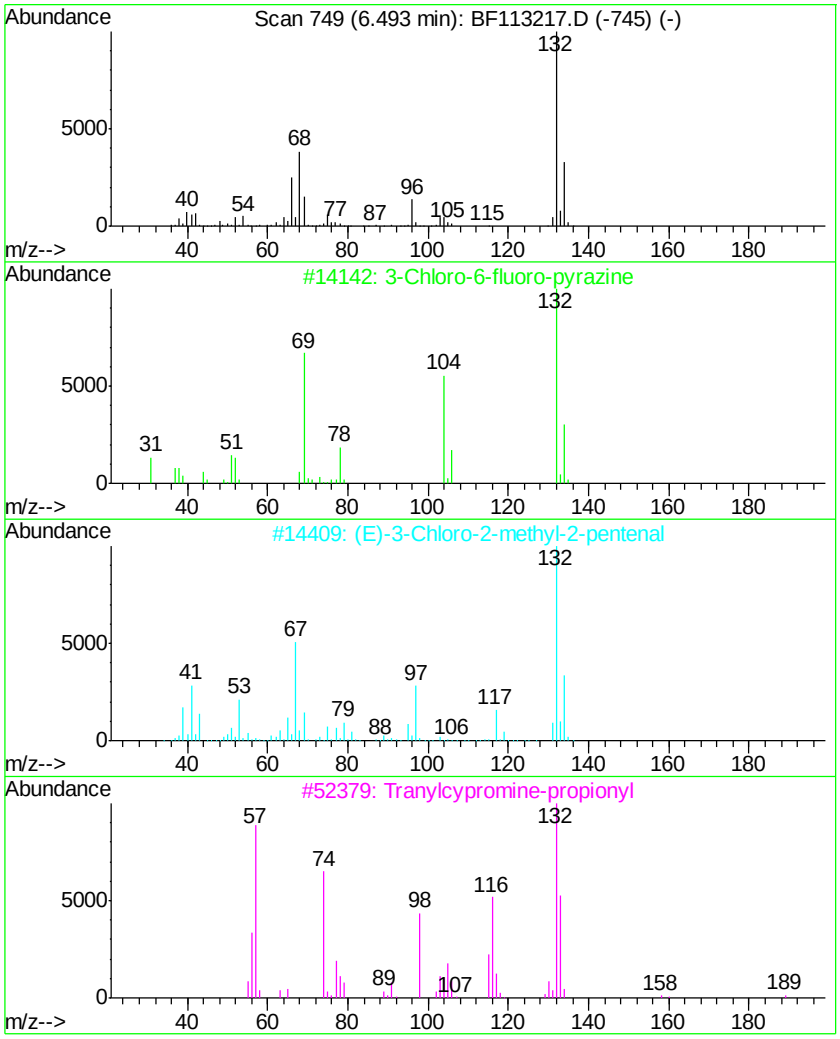
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

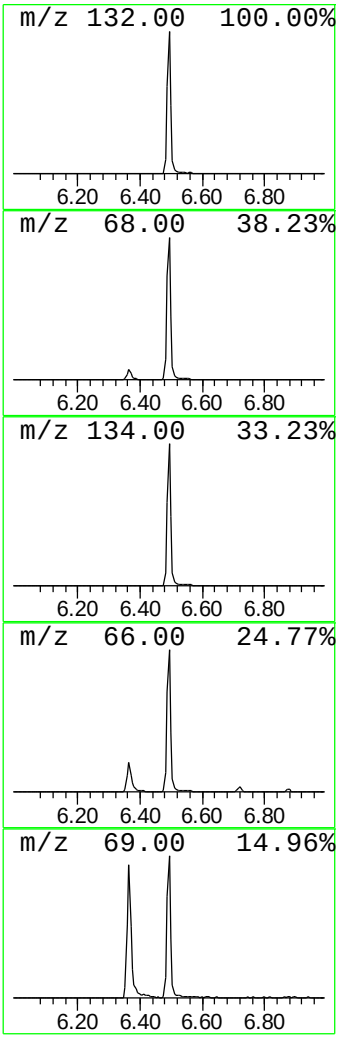
****

Peak Number 1 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	19.80 ng	840767	1,4-Dichlorobenzene-d4	6.72

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	12
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113217.D
Acq On : 21 Mar 2019 19:20
Operator : JU/SJ
Sample : K2004-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(0.5-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

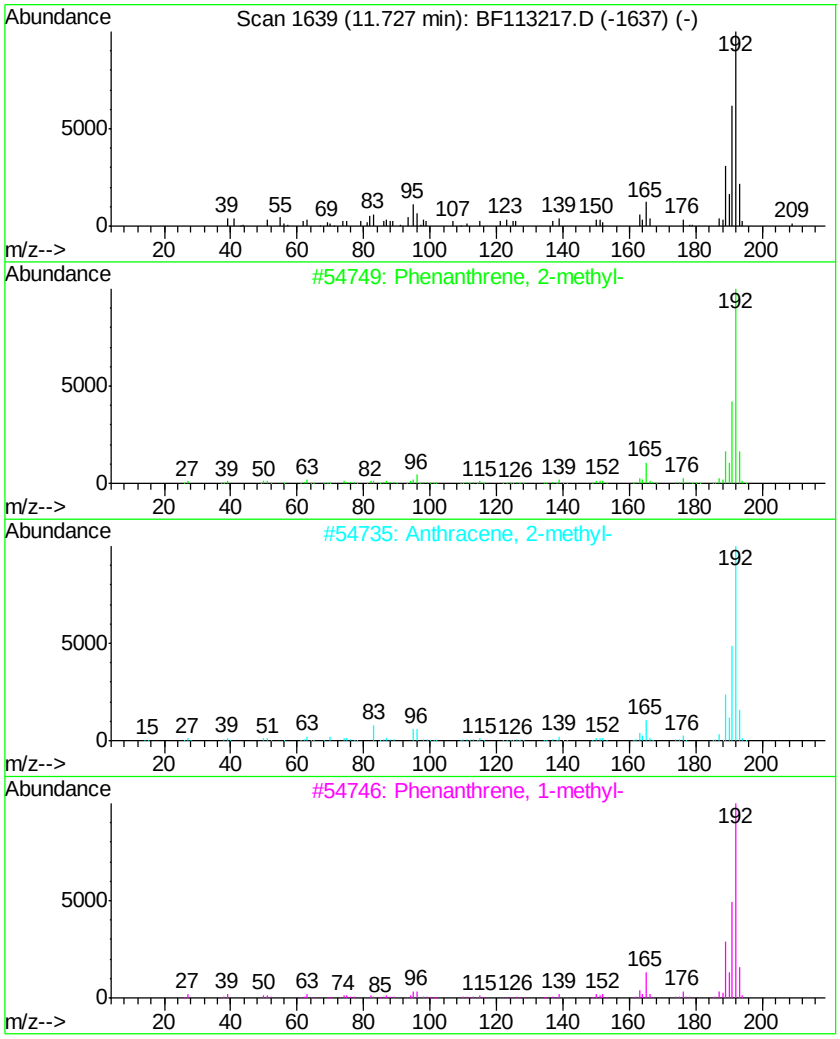
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

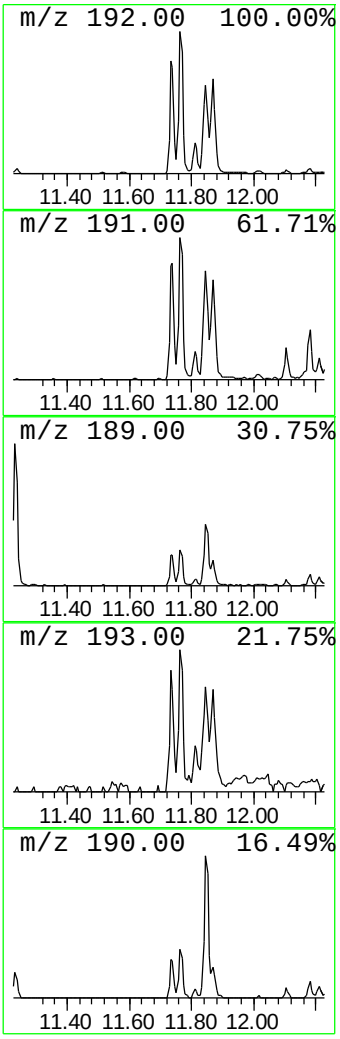
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	3.39 ng	162288	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113217.D
Acq On : 21 Mar 2019 19:20
Operator : JU/SJ
Sample : K2004-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(0.5-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

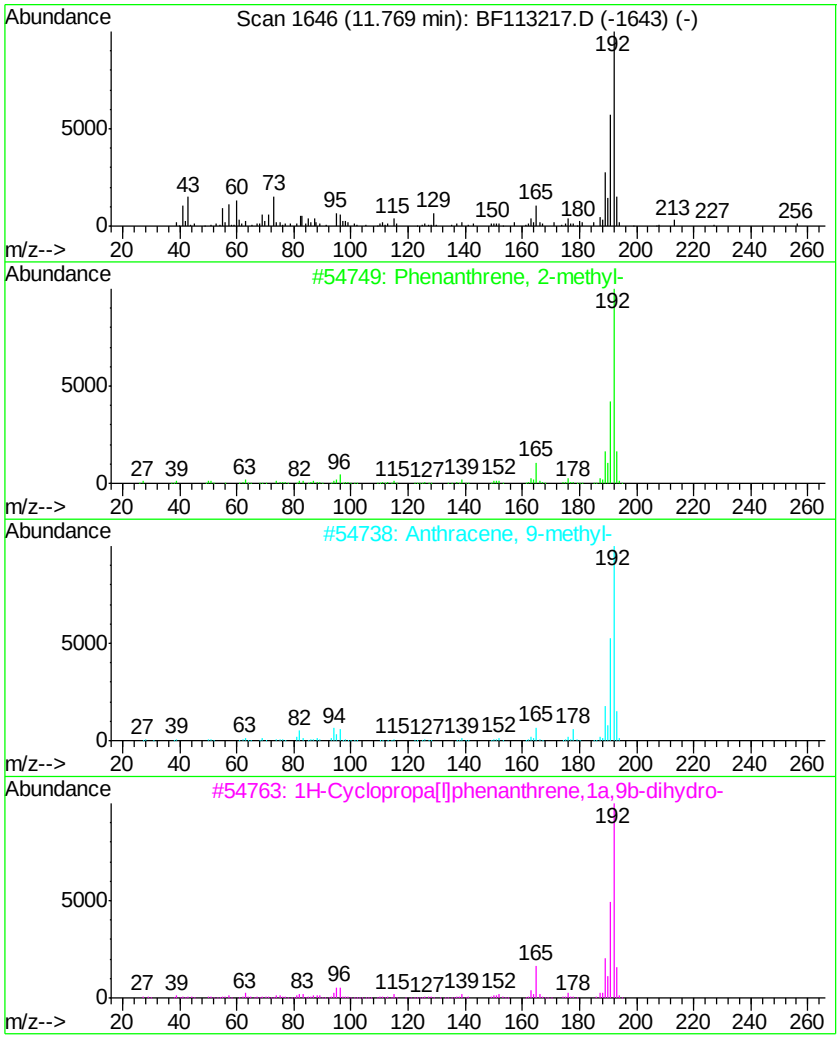
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

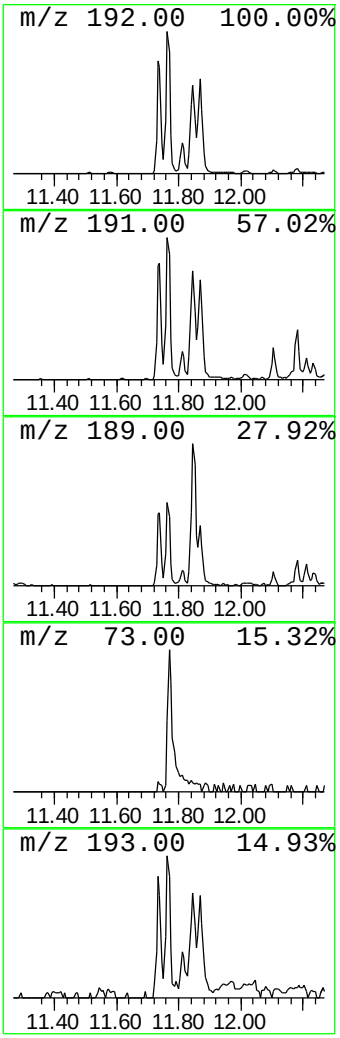
****

Peak Number 4 Anthracene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	5.15 ng	246802	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113217.D
Acq On : 21 Mar 2019 19:20
Operator : JU/SJ
Sample : K2004-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(0.5-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

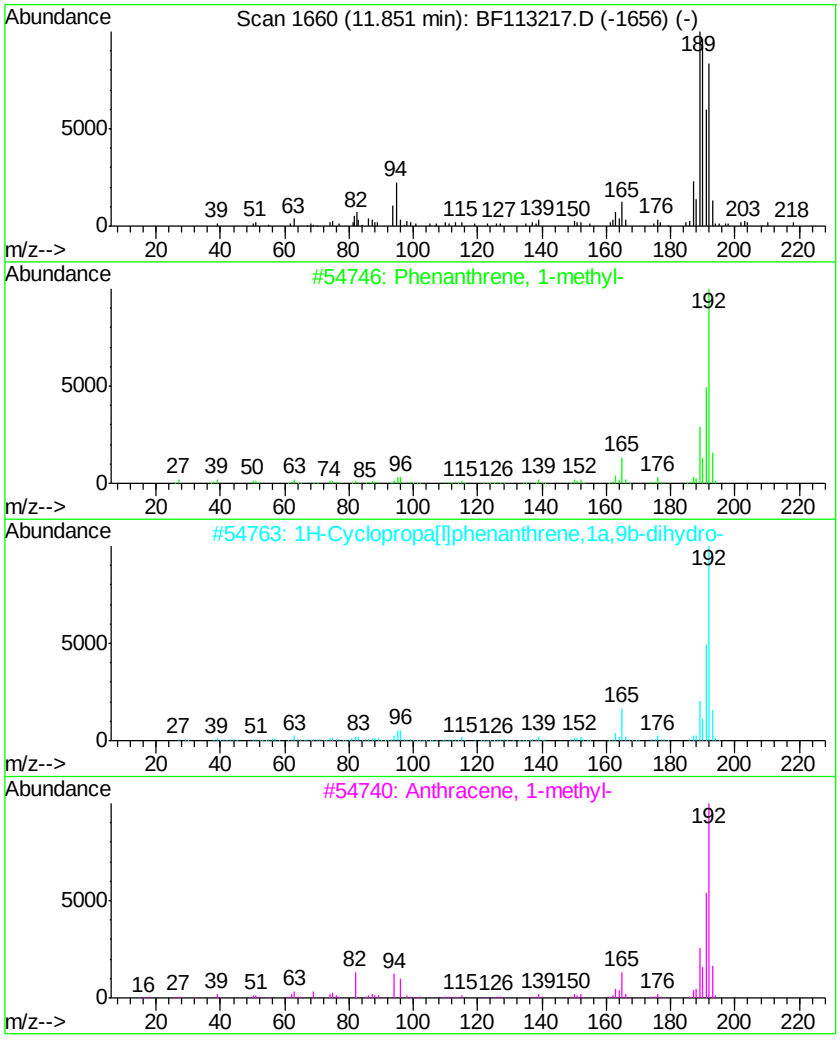
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

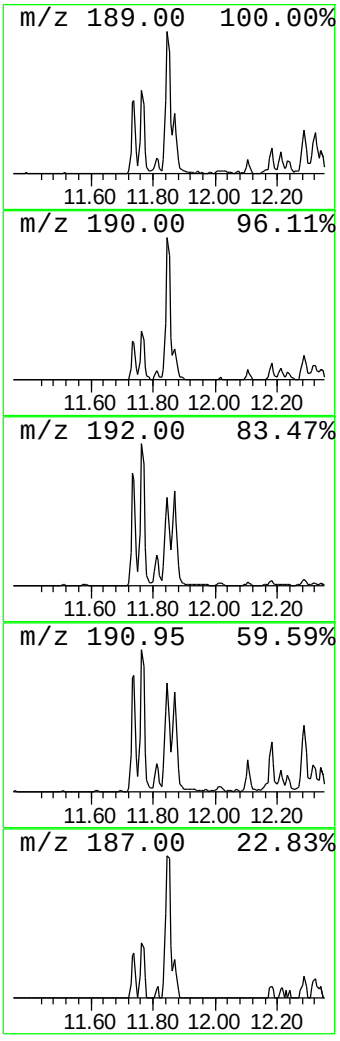
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	4.05 ng	193817	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113217.D
Acq On : 21 Mar 2019 19:20
Operator : JU/SJ
Sample : K2004-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(0.5-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

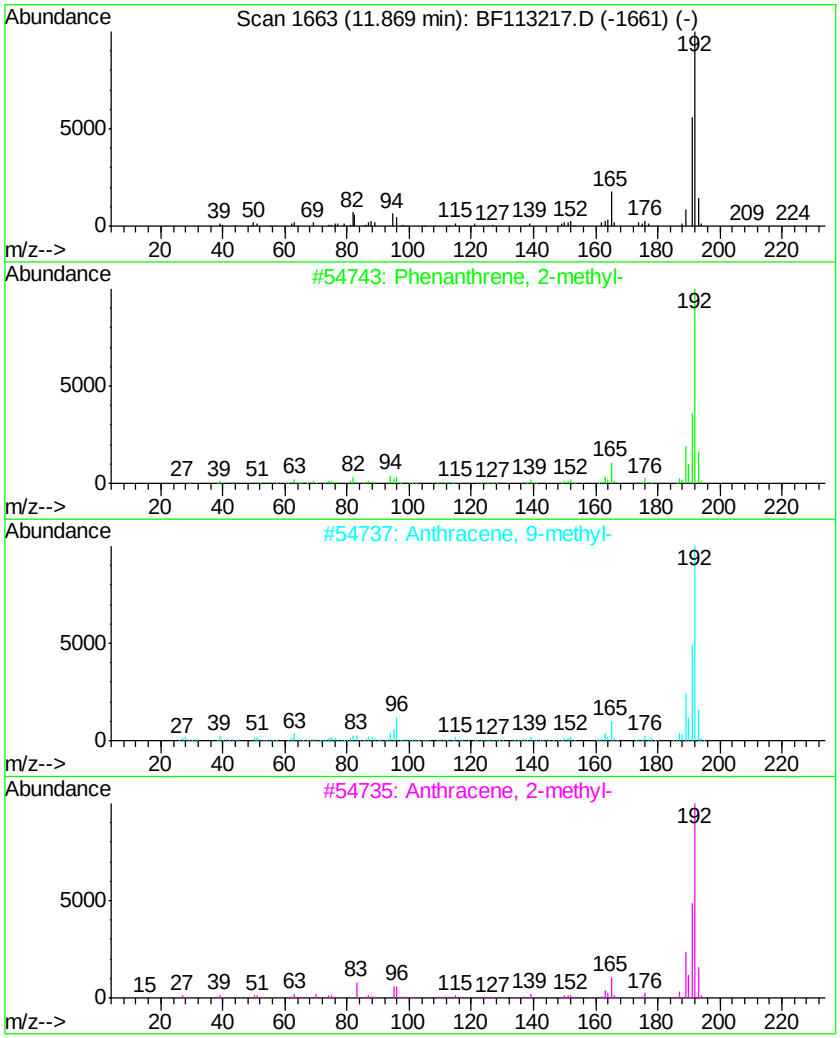
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

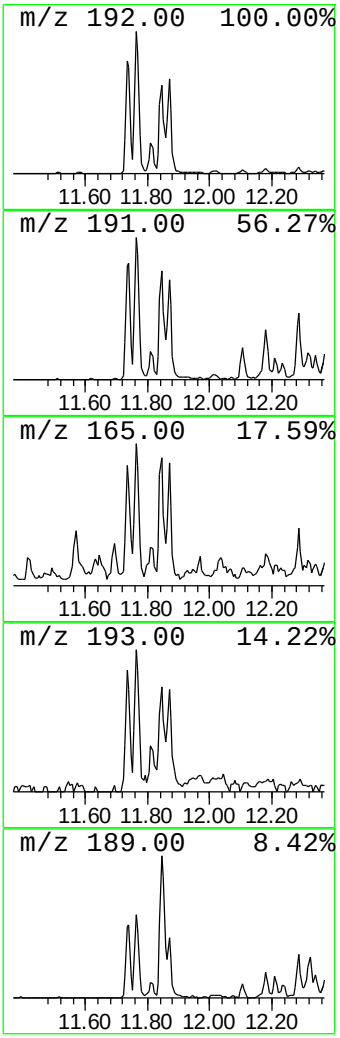
****

Peak Number 6 Propyne, 1,3-diphenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.60 ng	124549	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113217.D
Acq On : 21 Mar 2019 19:20
Operator : JU/SJ
Sample : K2004-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(0.5-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

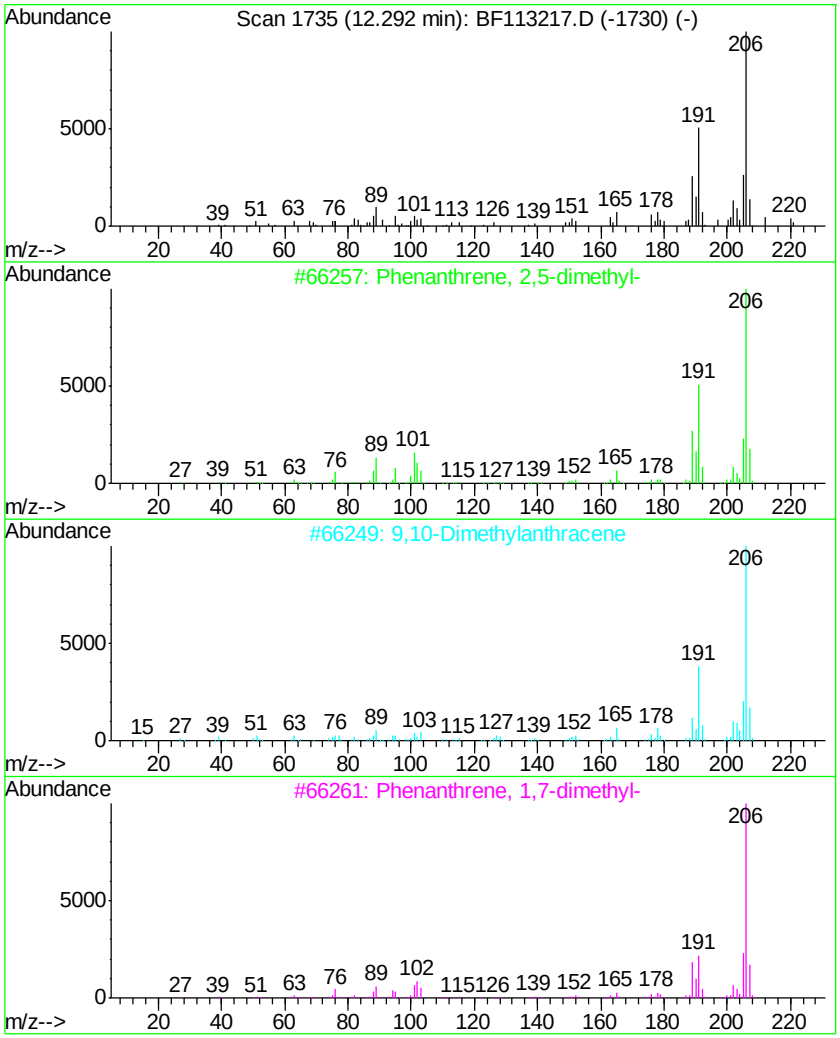
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

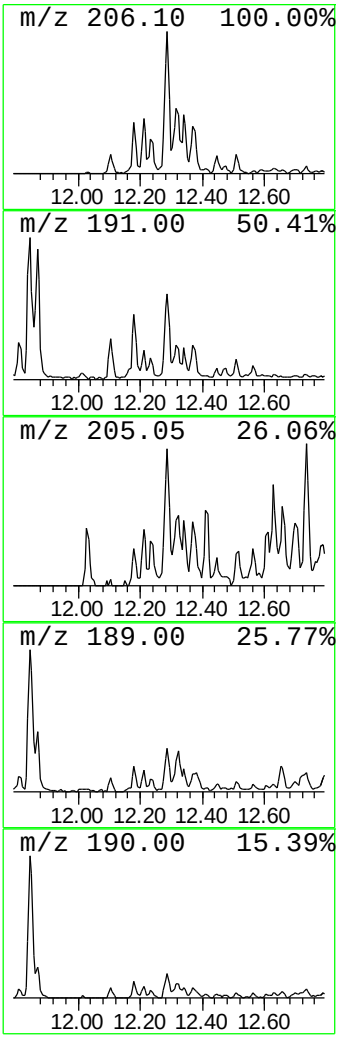
****

Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	2.57 ng	123192	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113217.D
Acq On : 21 Mar 2019 19:20
Operator : JU/SJ
Sample : K2004-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(0.5-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

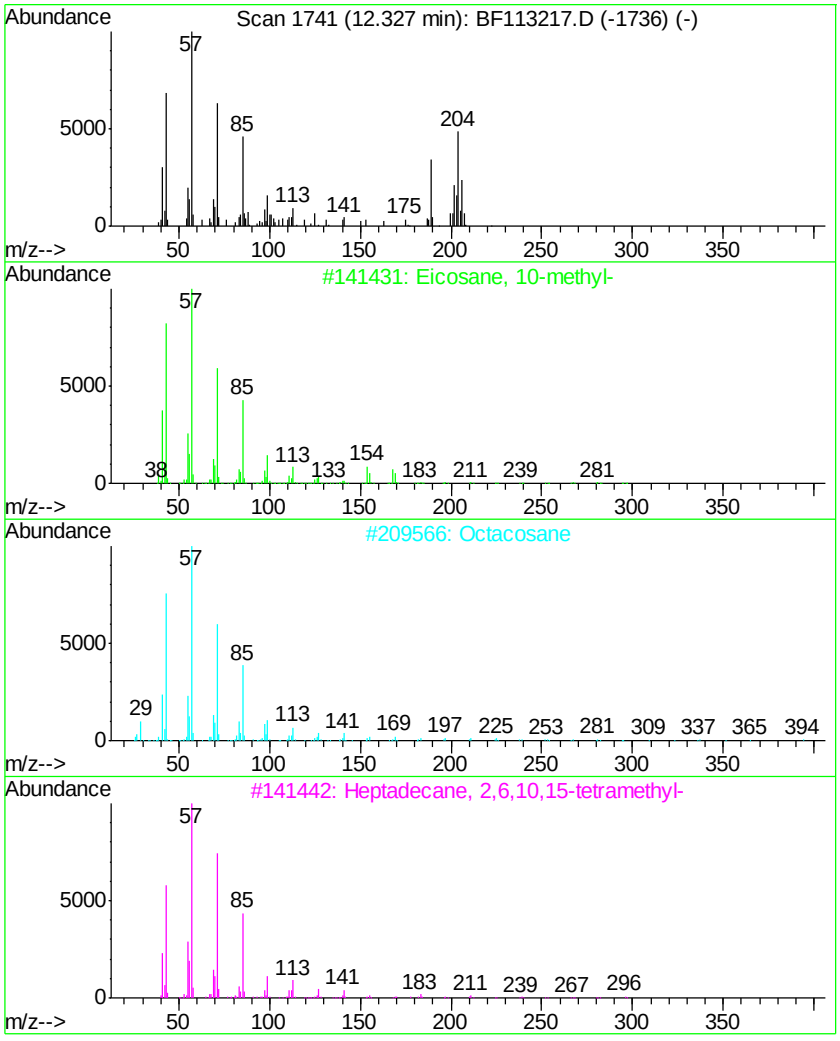
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

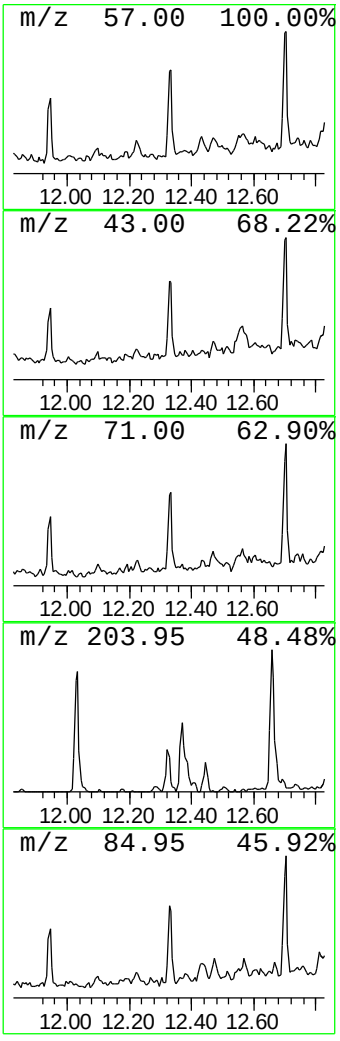
****

Peak Number 8 unknown12.33 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	3.25 ng	155845	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	41
2	Octacosane	394	C28H58	000630-02-4	41
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	38
4	Tetracosane	338	C24H50	000646-31-1	38
5	10-Methylnonadecane	282	C20H42	056862-62-5	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113217.D
Acq On : 21 Mar 2019 19:20
Operator : JU/SJ
Sample : K2004-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(0.5-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

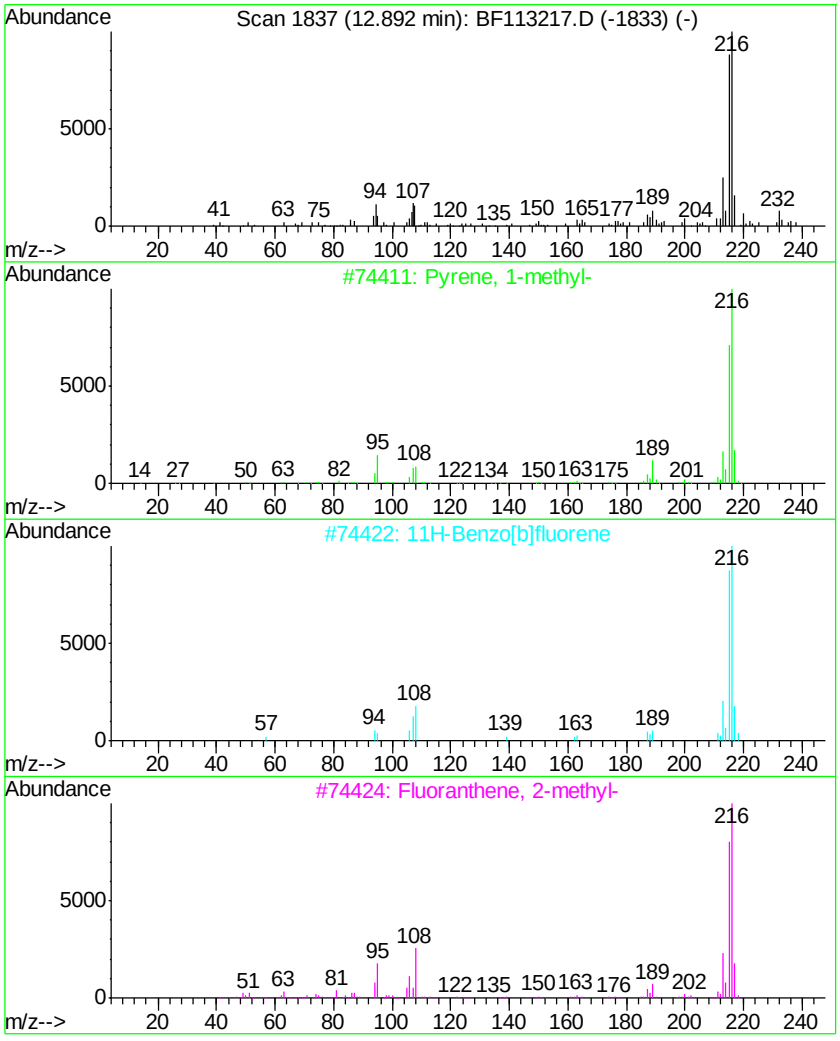
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

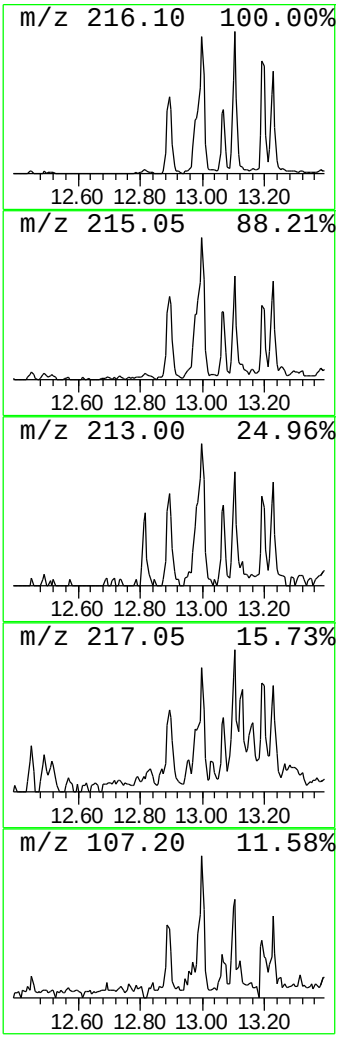
****

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	2.15 ng	145557	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113217.D
Acq On : 21 Mar 2019 19:20
Operator : JU/SJ
Sample : K2004-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(0.5-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

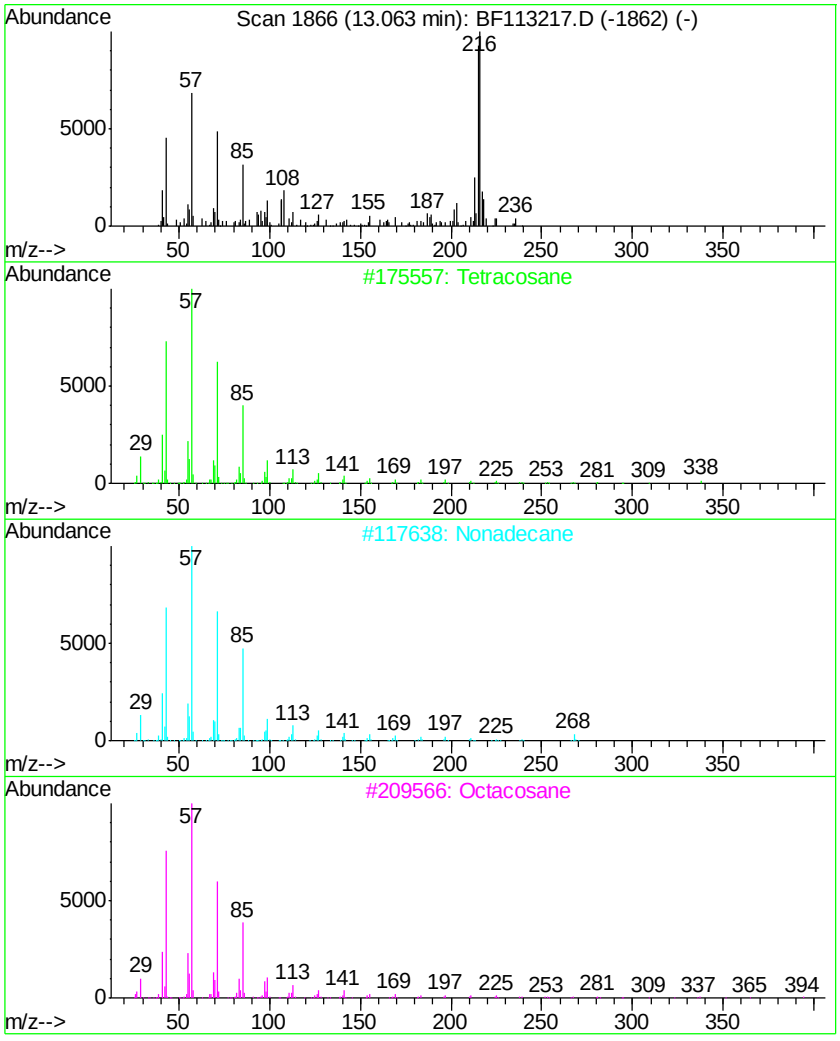
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

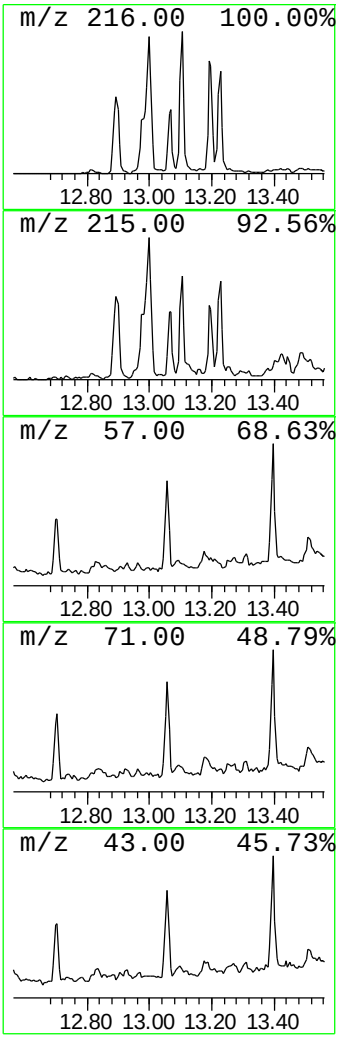
****

Peak Number 10 Tetracosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	2.45 ng	166325	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	81
2	Nonadecane	268	C19H40	000629-92-5	81
3	Octacosane	394	C28H58	000630-02-4	81
4	Octadecane	254	C18H38	000593-45-3	74
5	Eicosane	282	C20H42	000112-95-8	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113217.D
Acq On : 21 Mar 2019 19:20
Operator : JU/SJ
Sample : K2004-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(0.5-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

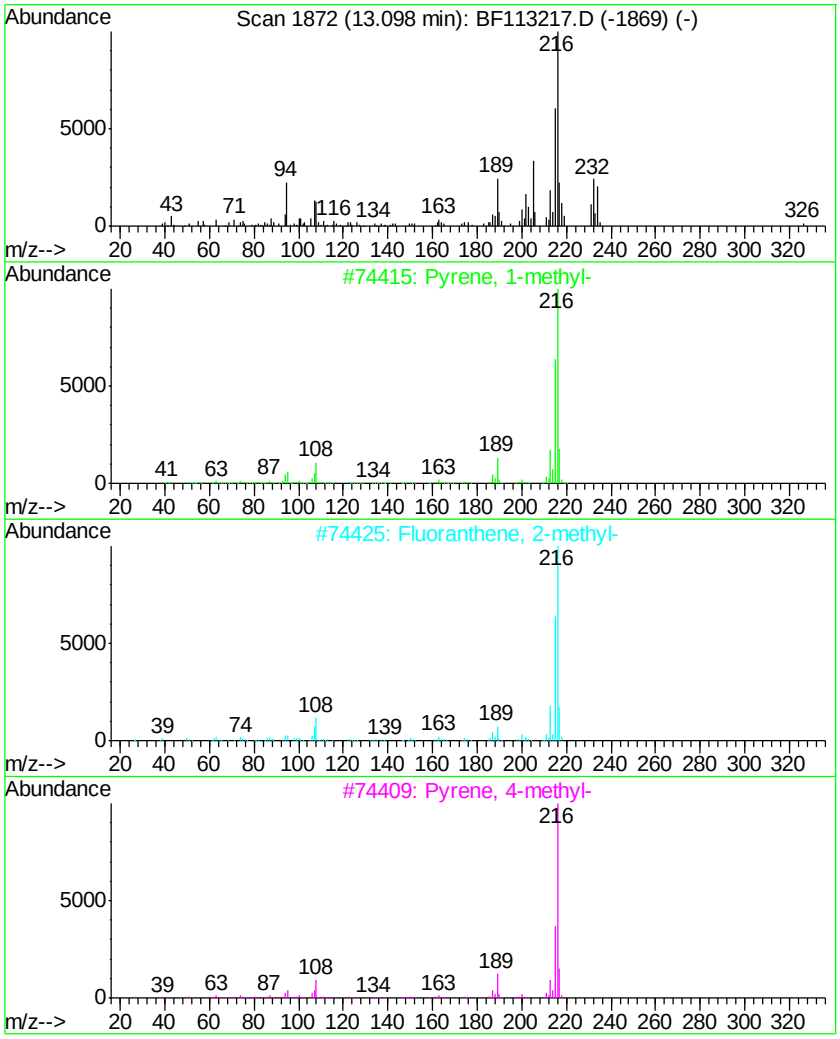
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

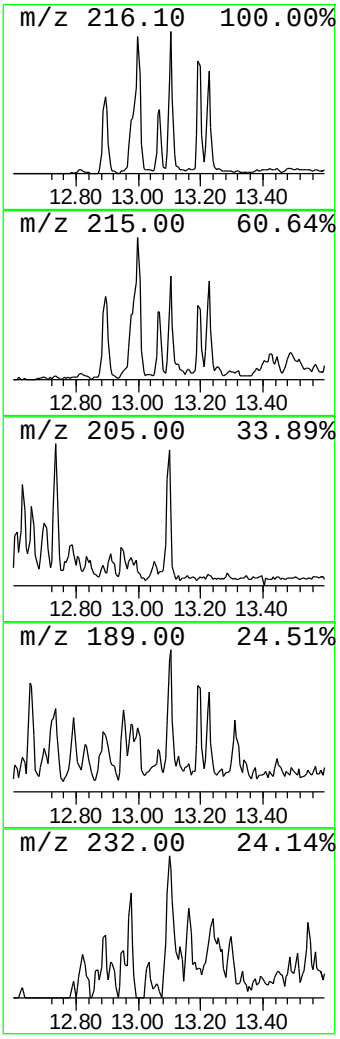
****

Peak Number 11 Pyrene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	2.22 ng	150331	Chrysene-d12	13.87

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	91
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113217.D
Acq On : 21 Mar 2019 19:20
Operator : JU/SJ
Sample : K2004-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(0.5-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

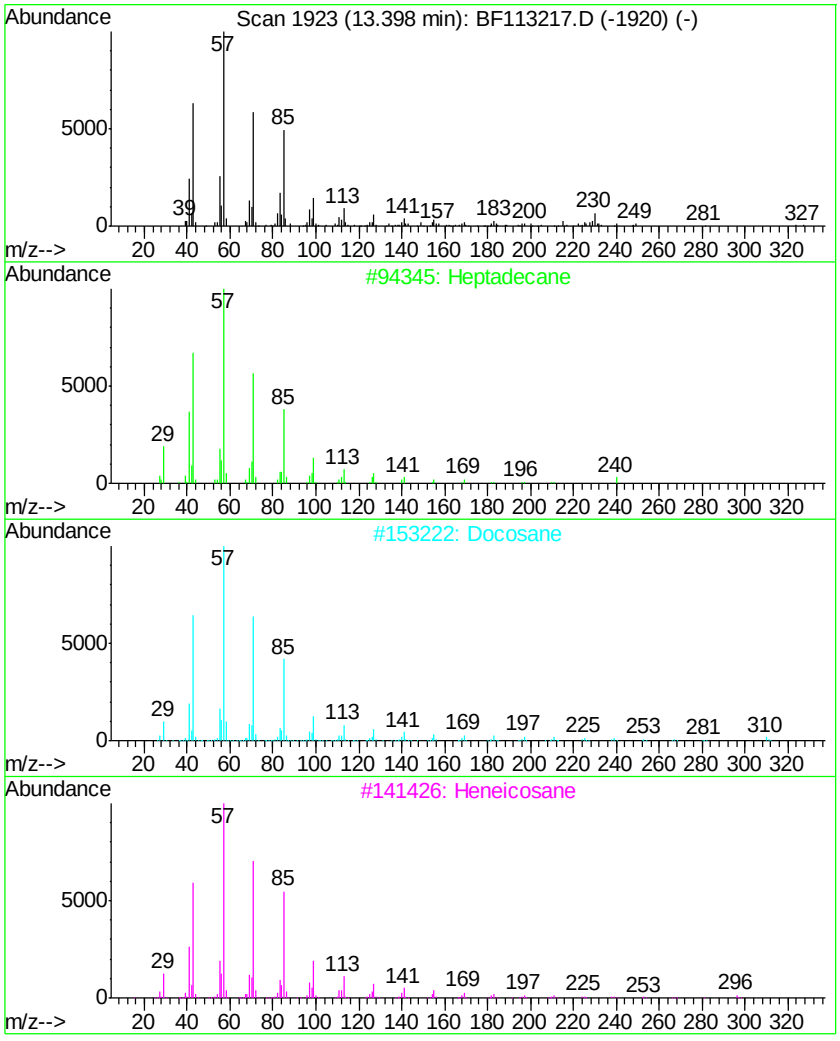
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

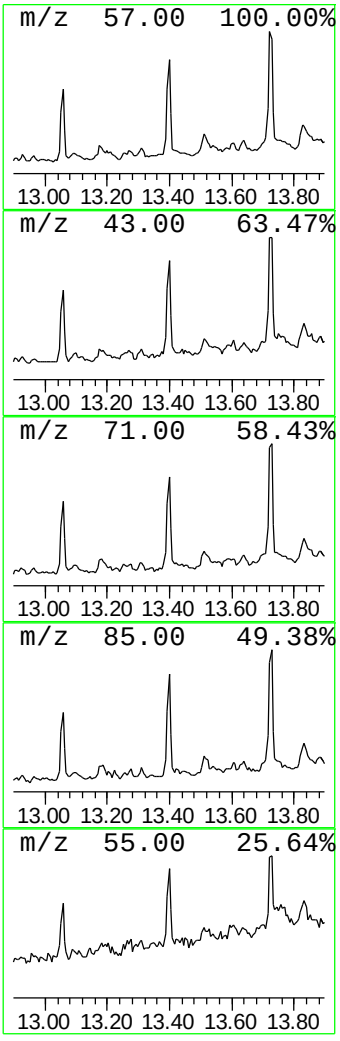
****

Peak Number 12 Heptadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	2.15 ng	145804	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Docosane	310	C22H46	000629-97-0	80
3	Heneicosane	296	C21H44	000629-94-7	68
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	62
5	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113217.D
Acq On : 21 Mar 2019 19:20
Operator : JU/SJ
Sample : K2004-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(0.5-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

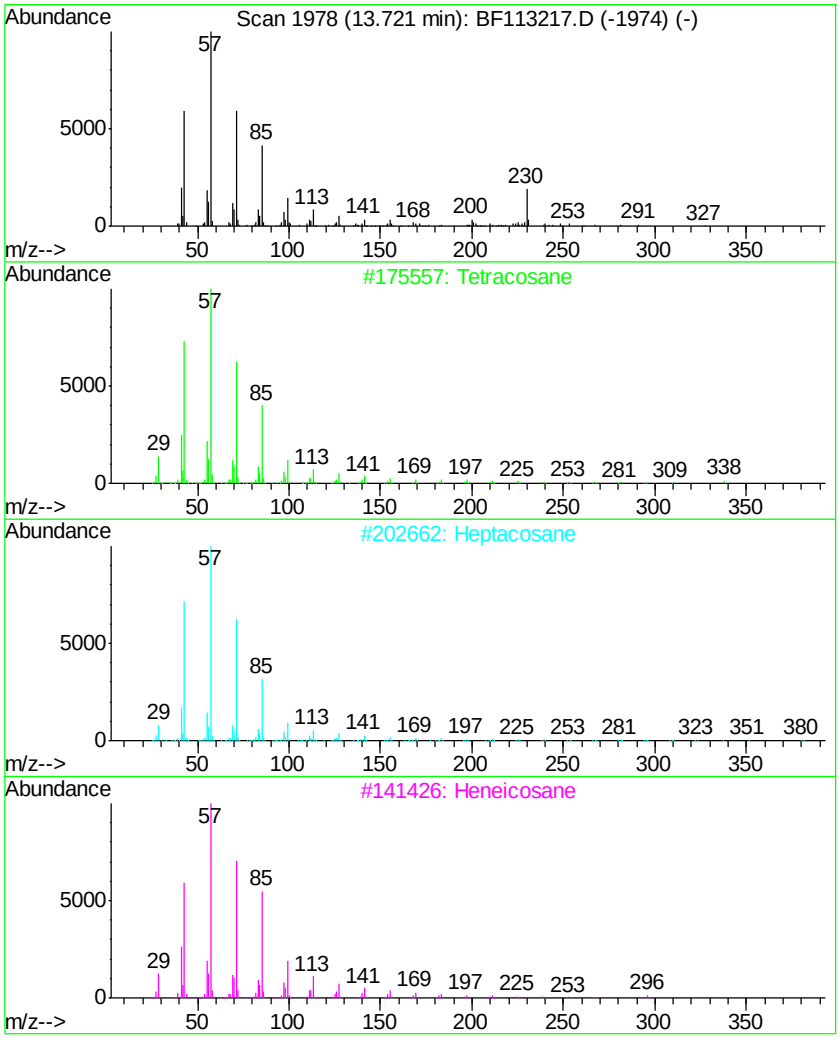
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

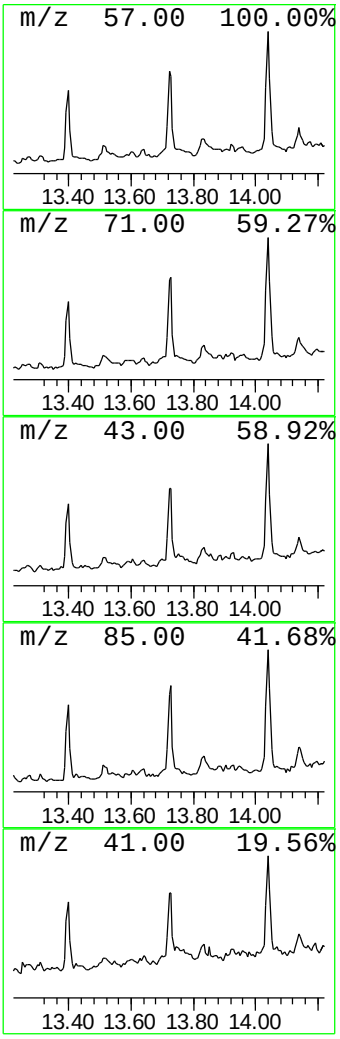
****

Peak Number 13 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	2.65 ng	179413	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	76
2	Heptacosane	380	C27H56	000593-49-7	76
3	Heneicosane	296	C21H44	000629-94-7	76
4	Hexacosane	366	C26H54	000630-01-3	68
5	Pentadecane	212	C15H32	000629-62-9	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113217.D
Acq On : 21 Mar 2019 19:20
Operator : JU/SJ
Sample : K2004-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(0.5-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

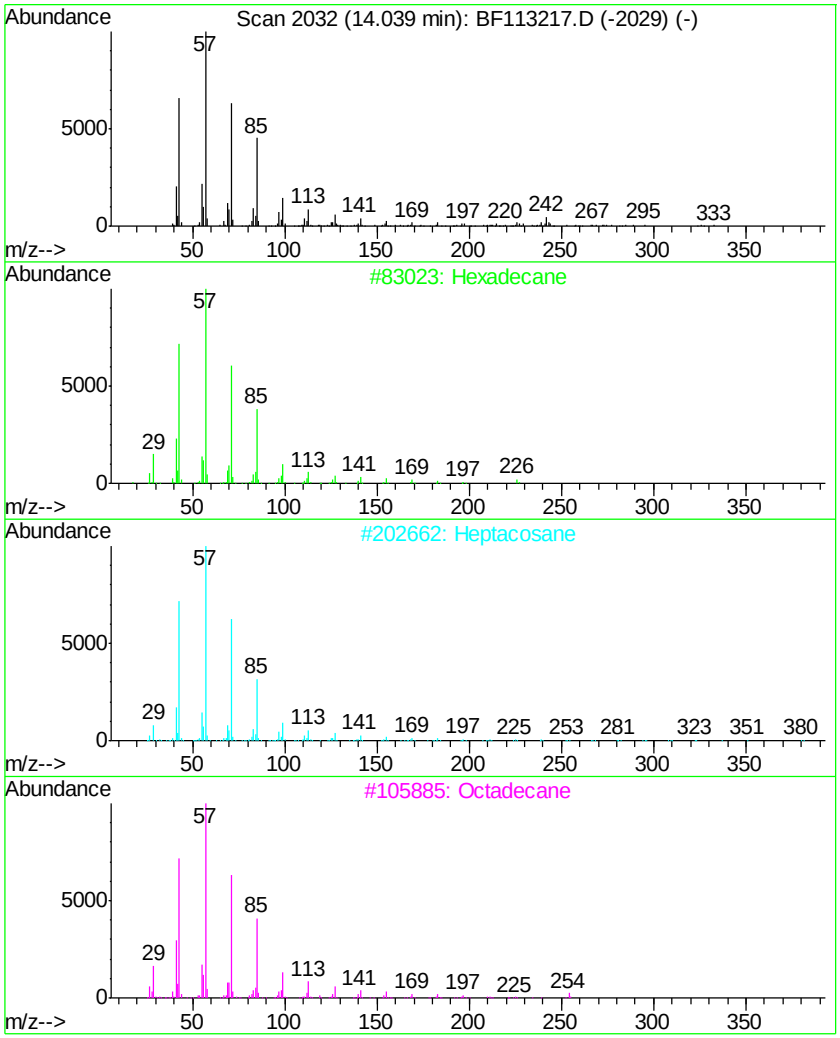
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

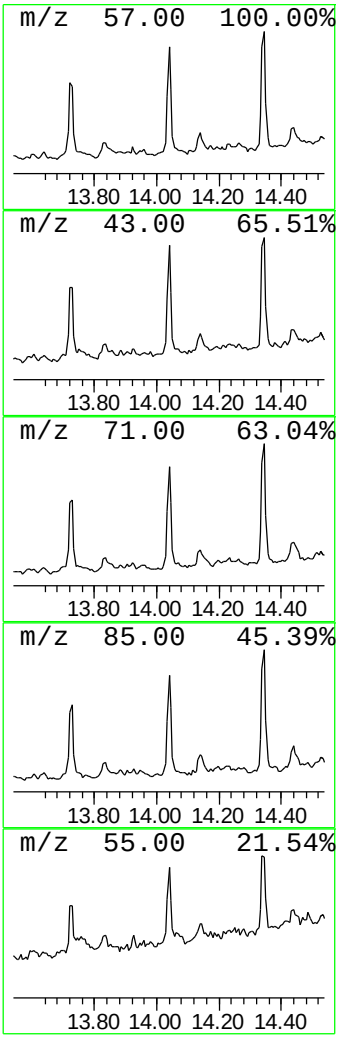
****

Peak Number 14 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	3.51 ng	238095	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Heptacosane	380	C27H56	000593-49-7	90
3	Octadecane	254	C18H38	000593-45-3	90
4	Tricosane	324	C23H48	000638-67-5	90
5	Octacosane	394	C28H58	000630-02-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113217.D
Acq On : 21 Mar 2019 19:20
Operator : JU/SJ
Sample : K2004-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(0.5-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

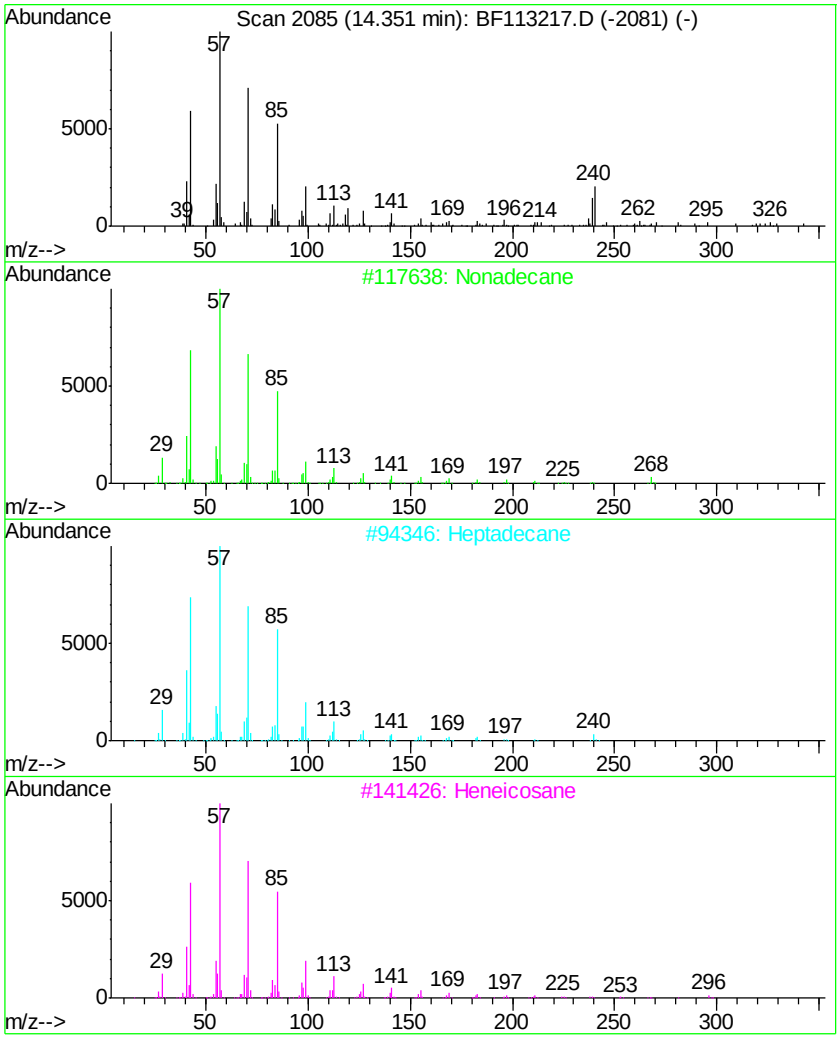
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

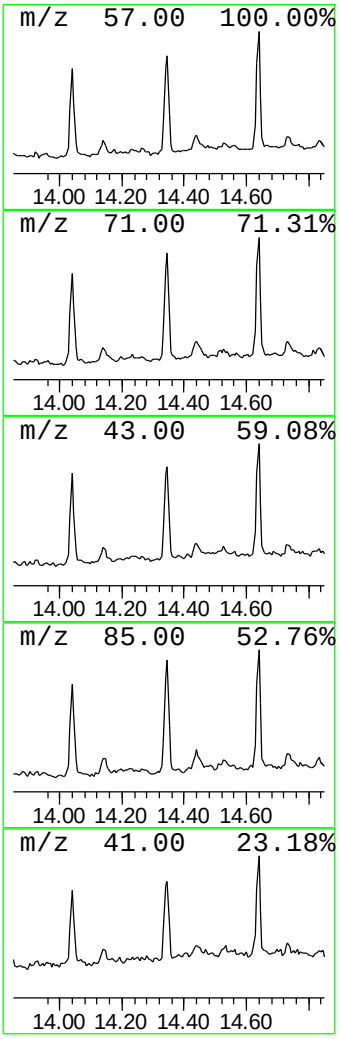
****

Peak Number 15 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	4.23 ng	286970	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Heptadecane	240	C17H36	000629-78-7	93
3	Heneicosane	296	C21H44	000629-94-7	87
4	Octacosane	394	C28H58	000630-02-4	83
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113217.D
Acq On : 21 Mar 2019 19:20
Operator : JU/SJ
Sample : K2004-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(0.5-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

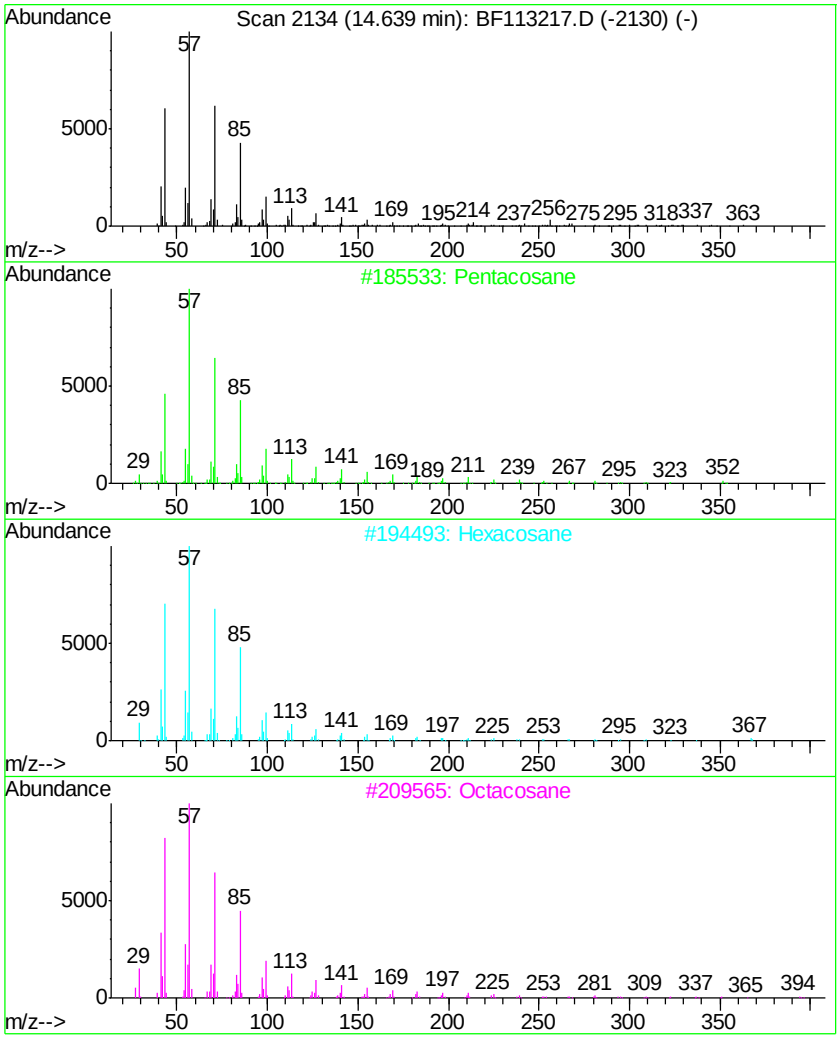
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

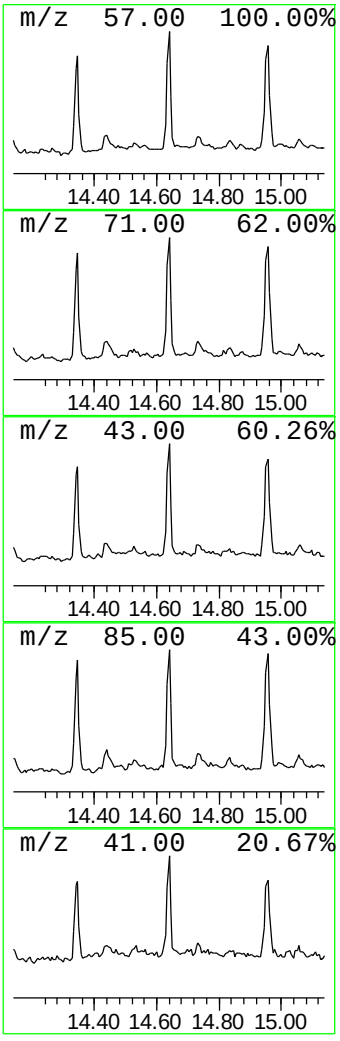
****

Peak Number 16 Pentacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	9.34 ng	339903	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Tricosane	324	C23H48	000638-67-5	91
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113217.D
Acq On : 21 Mar 2019 19:20
Operator : JU/SJ
Sample : K2004-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(0.5-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

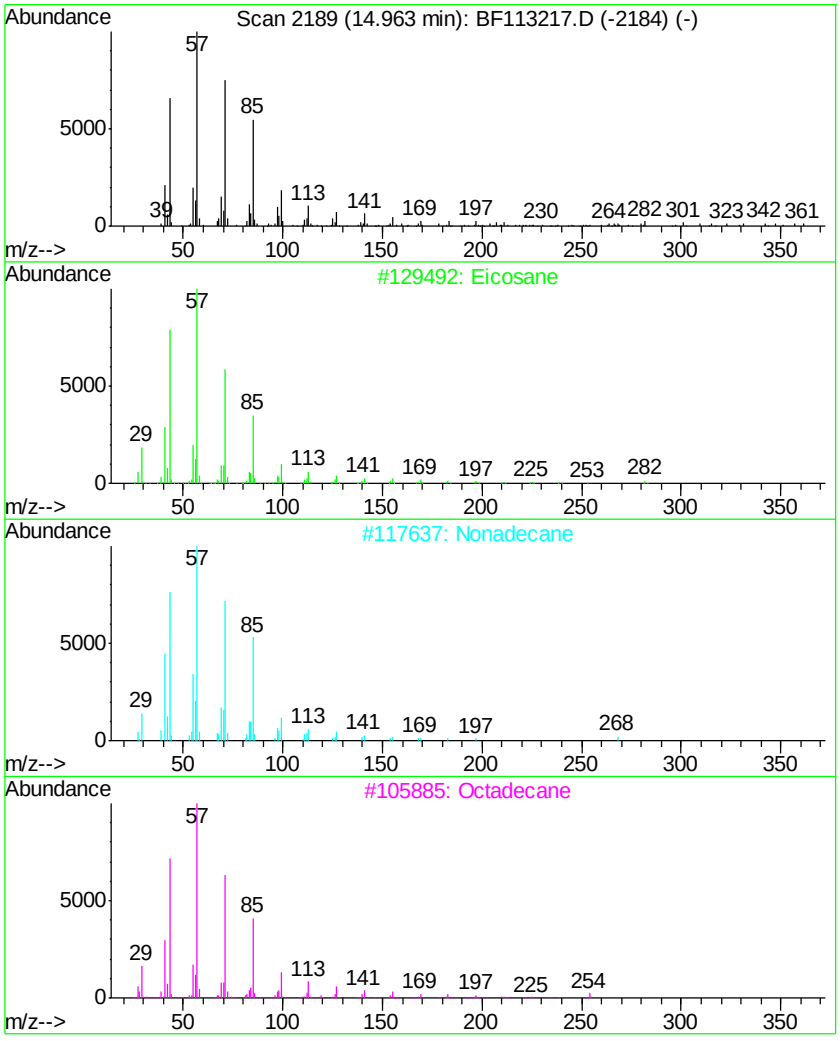
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

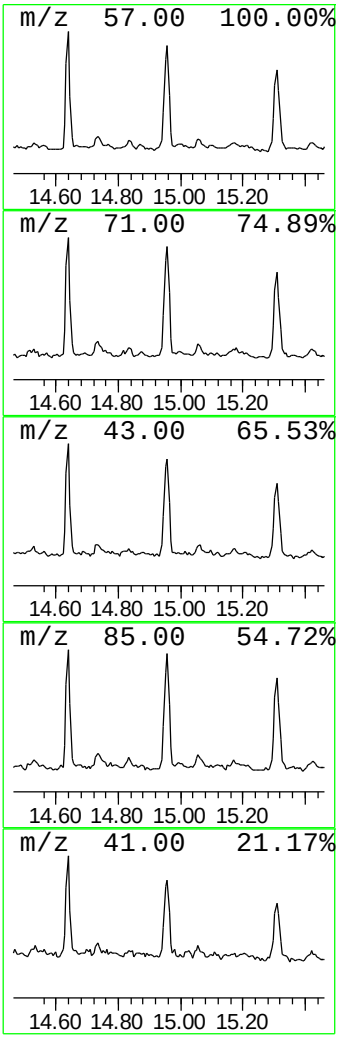
****

Peak Number 17 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	10.17 ng	370105	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Nonadecane	268	C19H40	000629-92-5	93
3	Octadecane	254	C18H38	000593-45-3	93
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113217.D
Acq On : 21 Mar 2019 19:20
Operator : JU/SJ
Sample : K2004-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(0.5-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

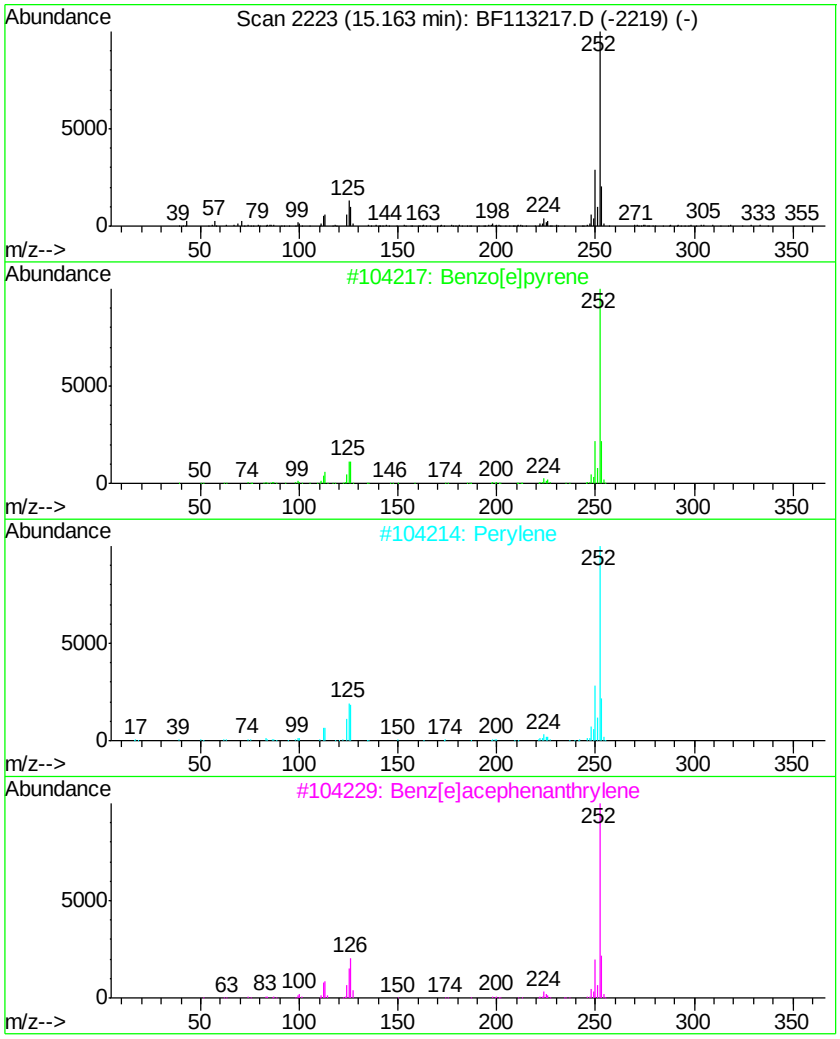
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

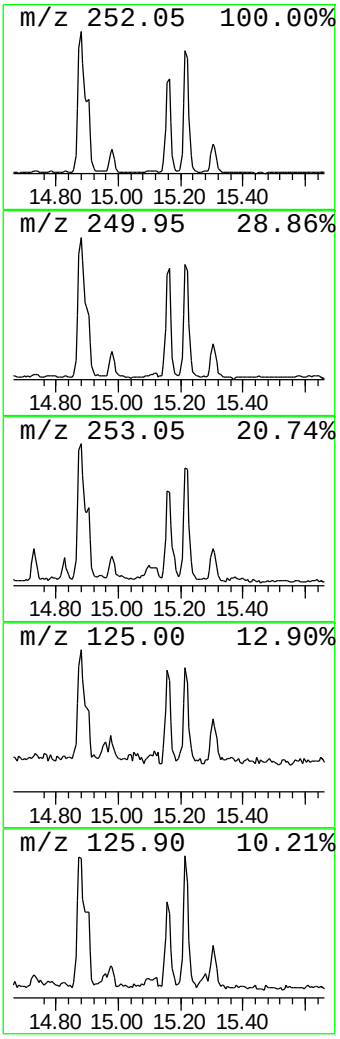
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	5.98 ng	217687	Perylene-d12	15.28

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	96
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	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113217.D
Acq On : 21 Mar 2019 19:20
Operator : JU/SJ
Sample : K2004-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(0.5-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

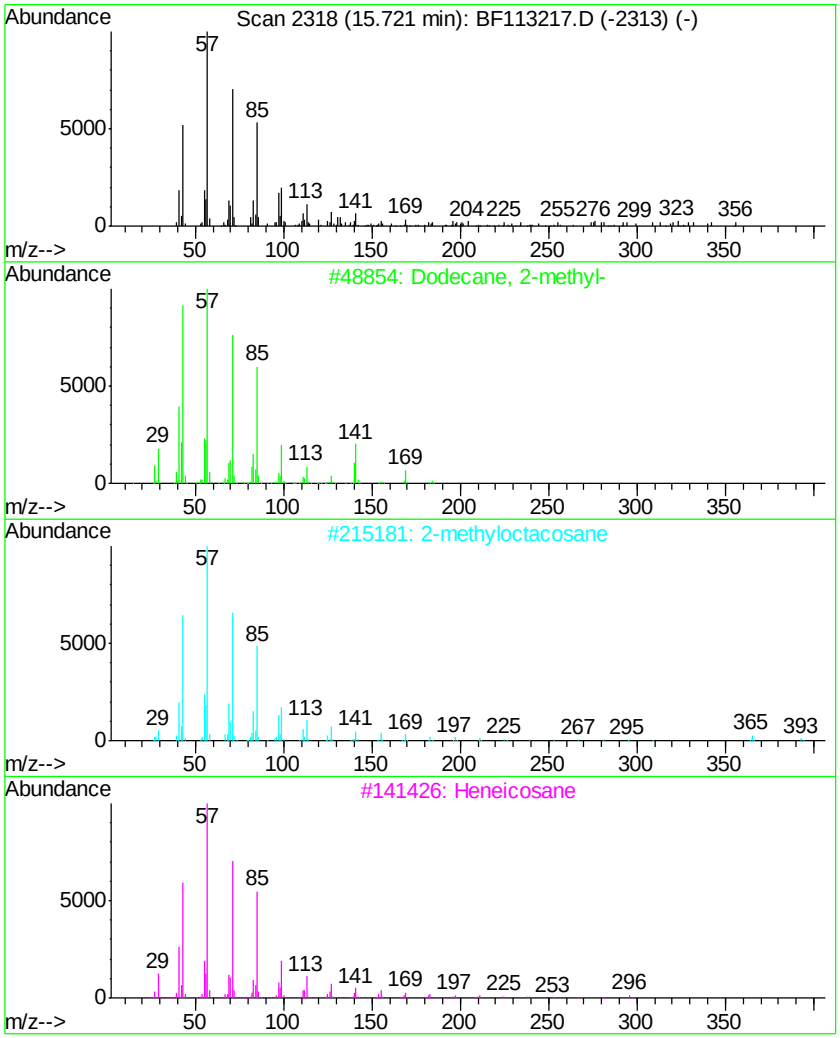
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

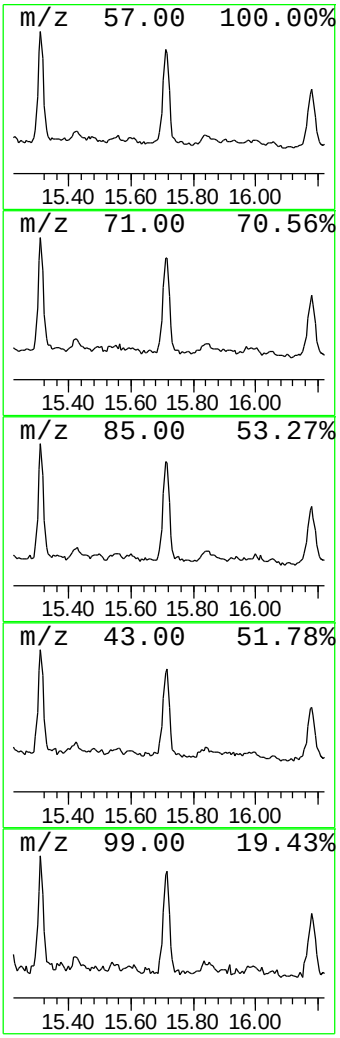
****

Peak Number 19 Dodecane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	7.42 ng	270113	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
2	2-methyloctacosane	408	C29H60	1000376-72-8	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Octacosane	394	C28H58	000630-02-4	83
5	Hexatriacontane	507	C36H74	000630-06-8	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113217.D
Acq On : 21 Mar 2019 19:20
Operator : JU/SJ
Sample : K2004-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(0.5-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

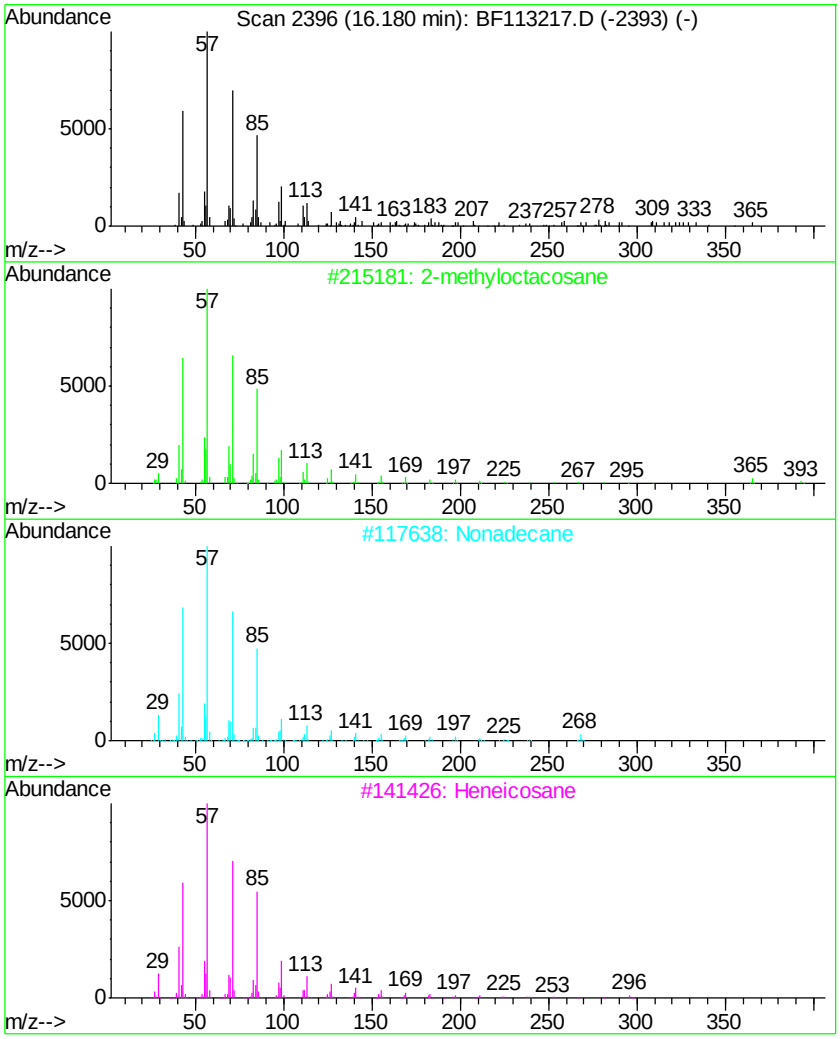
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

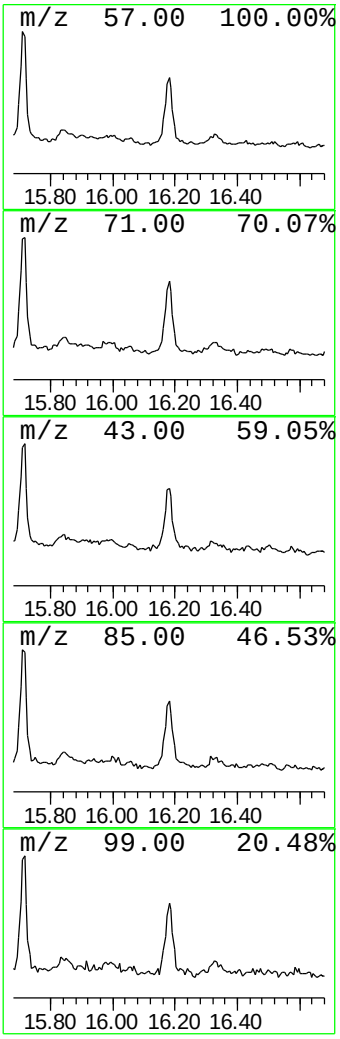
****

Peak Number 20 2-methyloctacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	4.60 ng	167448	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Nonadecane	268	C19H40	000629-92-5	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	83
5	Heptadecane	240	C17H36	000629-78-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113217.D
Acq On : 21 Mar 2019 19:20
Operator : JU/SJ
Sample : K2004-11 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(0.5-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.49	6.49	19.8	ng	840767	1	6.72	849455	20.0
Phenanthrene, 2-m...	11.73	3.4	ng	162288	4	11.23	958217	20.0
Anthracene, 9-met...	11.77	5.2	ng	246802	4	11.23	958217	20.0
Phenanthrene, 1-m...	11.85	4.0	ng	193817	4	11.23	958217	20.0
Propyne, 1,3-diph...	11.87	2.6	ng	124549	4	11.23	958217	20.0
Phenanthrene, 2,5...	12.29	2.6	ng	123192	4	11.23	958217	20.0
unknown12.33	12.33	3.3	ng	155845	4	11.23	958217	20.0
Pyrene, 1-methyl-	12.89	2.1	ng	145557	5	13.87	1356080	20.0
Tetracosane	13.06	2.5	ng	166325	5	13.87	1356080	20.0
Pyrene, 4-methyl-	13.10	2.2	ng	150331	5	13.87	1356080	20.0
Heptadecane	13.40	2.1	ng	145804	5	13.87	1356080	20.0
Pentadecane	13.72	2.6	ng	179413	5	13.87	1356080	20.0
Hexadecane	14.04	3.5	ng	238095	5	13.87	1356080	20.0
Nonadecane	14.35	4.2	ng	286970	5	13.87	1356080	20.0
Pentacosane	14.64	9.3	ng	339903	6	15.28	727593	20.0
Eicosane	14.96	10.2	ng	370105	6	15.28	727593	20.0
Benzo[e]pyrene	15.16	6.0	ng	217687	6	15.28	727593	20.0
Dodecane, 2-methyl-	15.72	7.4	ng	270113	6	15.28	727593	20.0
2-methyloctacosane	16.18	4.6	ng	167448	6	15.28	727593	20.0