LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115905.D
Acq On : 1 Aug 2019 14:05
Operator : HP/JU
Sample : K4066-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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	2.152	4	11	25	rVB	983233	1302182	31.05%	2.354%
2	3.940	311	315	327	rVB	154105	220038	5.25%	0.398%
3	5.481	573	577	591	rBV	3321521	3682304	87.80%	6.656%
4	6.492	743	749	752	rBV	3517673	3853488	91.88%	6.965%
5	6.628	767	772	775	rBV	4038808	3882732	92.58%	7.018%
6	6.851	807	810	819	rBV	1110722	913614	21.78%	1.651%
7	7.010	833	837	840	rBV	3328266	2995727	71.43%	5.415%
8	7.416	901	906	909	rBV	2642170	2520647	60.10%	4.556%
9	8.134	1024	1028	1045	rBV	1331299	1165560	27.79%	2.107%
10	9.216	1207	1212	1215	rBV	4515321	4193926	100.00%	7.580%
11	9.604	1275	1278	1286	rVB	615790	512297	12.22%	0.926%
12	9.751	1300	1303	1309	rBV	75507	67279	1.60%	0.122%
13	9.892	1320	1327	1330	rBV	1540962	1280327	30.53%	2.314%
14	9.922	1330	1332	1338	rVB	89397	91942	2.19%	0.166%
15	10.098	1358	1362	1366	rBV	53249	55730	1.33%	0.101%
16	10.439	1417	1420	1425	rVB2	54992	61008	1.45%	0.110%
17	10.598	1444	1447	1451	rVB	49567	46703	1.11%	0.084%
18	10.686	1457	1462	1468	rBV	2424547	2368178	56.47%	4.280%
19	10.810	1478	1483	1489	rVB5	54631	84910	2.02%	0.153%
20	10.992	1507	1514	1517	rBV4	35216	51715	1.23%	0.093%
21	11.116	1531	1535	1537	rBV3	47602	54972	1.31%	0.099%
22	11.139	1537	1539	1545	rVV2	51697	62086	1.48%	0.112%
23	11.186	1545	1547	1551	rVV	78954	74551	1.78%	0.135%
24	11.239	1551	1556	1559	rVV3	67870	111434	2.66%	0.201%
25	11.274	1559	1562	1568	rVB	78883	84818	2.02%	0.153%
26	11.380	1576	1580	1582	rBV	1285418	1137182	27.11%	2.055%
27	11.404	1582	1584	1588	rVV	1410714	1114998	26.59%	2.015%
28	11.457	1588	1593	1596	rVV	247323	261647	6.24%	0.473%
29	11.492	1596	1599	1605	rVB3	33286	47825	1.14%	0.086%
30	11.610	1614	1619	1621	rBV2	80858	86756	2.07%	0.157%
31	11.674	1627	1630	1634	rVV	73977	66340	1.58%	0.120%
32	11.716	1634	1637	1642	rVB5	35447	45764	1.09%	0.083%
33	11.880	1661	1665	1667	rBV	191597	173611	4.14%	0.314%
34	11.910	1667	1670	1674	rVV	345832	335116	7.99%	0.606%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115905.D
Acq On : 1 Aug 2019 14:05
Operator : HP/JU
Sample : K4066-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.957	1675	1678	1681	rVV	106589	106801	2.55%	0.193%
36	11.992	1681	1684	1687	rVV	245730	303059	7.23%	0.548%
37	12.016	1687	1688	1693	rVB	154265	108633	2.59%	0.196%
38	12.174	1712	1715	1718	rBV	148722	127390	3.04%	0.230%
39	12.204	1718	1720	1724	rVB	71131	64018	1.53%	0.116%
40	12.327	1736	1741	1744	rBV2	75255	87885	2.10%	0.159%
41	12.433	1755	1759	1761	rBV	141907	141036	3.36%	0.255%
42	12.469	1761	1765	1767	rVV3	94893	128033	3.05%	0.231%
43	12.521	1771	1774	1779	rVB	163769	168778	4.02%	0.305%
44	12.598	1783	1787	1790	rBV	1894960	1671326	39.85%	3.021%
45	12.657	1795	1797	1800	rVB2	60475	54395	1.30%	0.098%
46	12.692	1800	1803	1805	rBV	71258	63669	1.52%	0.115%
47	12.745	1805	1812	1815	rBV3	61868	103281	2.46%	0.187%
48	12.827	1819	1826	1831	rBV	1727938	1849846	44.11%	3.343%
49	12.874	1831	1834	1839	rVB2	101591	127221	3.03%	0.230%
50	12.969	1842	1850	1853	rBV	3173618	3359674	80.11%	6.072%
51	13.045	1857	1863	1867	rBV2	152850	265152	6.32%	0.479%
52	13.127	1874	1877	1879	rBV4	139143	168491	4.02%	0.305%
53	13.151	1879	1881	1884	rVB	167119	152472	3.64%	0.276%
54	13.192	1884	1888	1890	rBV4	38989	61152	1.46%	0.111%
55	13.257	1895	1899	1902	rBV2	215823	238129	5.68%	0.430%
56	13.351	1912	1915	1917	rBV	138574	117715	2.81%	0.213%
57	13.380	1917	1920	1923	rVV	139659	123847	2.95%	0.224%
58	13.439	1927	1930	1933	rBV2	127030	118852	2.83%	0.215%
59	13.533	1942	1946	1949	rBV3	55875	83430	1.99%	0.151%
60	13.663	1965	1968	1972	rVB	232016	224842	5.36%	0.406%
61	13.768	1982	1986	1989	rBV2	161394	198406	4.73%	0.359%
62	13.798	1989	1991	1993	rVV	192607	178482	4.26%	0.323%
63	13.821	1993	1995	1997	rVV	128462	145679	3.47%	0.263%
64	13.880	2001	2005	2011	rVB2	267777	458458	10.93%	0.829%
65	14.021	2021	2029	2032	rBV2	1369348	2189020	52.20%	3.957%
66	14.051	2032	2034	2036	rVB	819588	640276	15.27%	1.157%
67	14.127	2045	2047	2049	rBV	74712	53293	1.27%	0.096%
68	14.180	2052	2056	2060	rBV5	66024	136634	3.26%	0.247%
69	14.251	2064	2068	2071	rBV2	75418	111816	2.67%	0.202%
70	14.280	2071	2073	2076	rVB3	44867	44202	1.05%	0.080%
71	14.374	2086	2089	2090	rBV2	67262	59891	1.43%	0.108%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115905.D
Acq On : 1 Aug 2019 14:05
Operator : HP/JU
Sample : K4066-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.410	2090	2095	2098	rVV	259476	289972	6.91%	0.524%
73	14.439	2098	2100	2104	rVV	123697	141684	3.38%	0.256%
74	14.486	2104	2108	2113	rVV4	138466	225945	5.39%	0.408%
75	14.533	2113	2116	2118	rVV	137296	146665	3.50%	0.265%
76	14.557	2118	2120	2123	rVV2	85547	93505	2.23%	0.169%
77	14.604	2126	2128	2134	rVB2	91323	92372	2.20%	0.167%
78	14.721	2143	2148	2151	rBV3	82743	124701	2.97%	0.225%
79	14.792	2157	2160	2165	rBV3	99647	129424	3.09%	0.234%
80	14.904	2175	2179	2187	rVB2	91645	158606	3.78%	0.287%
81	15.068	2202	2207	2210	rBV	950587	1446846	34.50%	2.615%
82	15.127	2214	2217	2222	rVV3	160134	214397	5.11%	0.388%
83	15.174	2222	2225	2229	rVB	183116	184990	4.41%	0.334%
84	15.262	2236	2240	2241	rBV2	74731	80867	1.93%	0.146%
85	15.368	2254	2258	2264	rVB	585004	756350	18.03%	1.367%
86	15.433	2264	2269	2274	rBV	822073	970256	23.13%	1.754%
87	15.498	2274	2280	2283	rBV	862307	1208704	28.82%	2.185%
88	15.939	2351	2355	2359	rBV	131801	183909	4.39%	0.332%
89	16.057	2373	2375	2381	rVB3	39431	52852	1.26%	0.096%
90	16.445	2438	2441	2448	rVB	70825	116214	2.77%	0.210%
91	16.968	2524	2530	2537	rVV2	304528	596096	14.21%	1.077%
92	17.045	2539	2543	2549	rVB3	50761	92224	2.20%	0.167%
93	17.145	2555	2560	2564	rBV	56783	97124	2.32%	0.176%
94	17.204	2565	2570	2576	rBV3	54242	110392	2.63%	0.200%
95	17.415	2600	2606	2617	rVB	223137	480590	11.46%	0.869%
96	17.656	2643	2647	2654	rVB	45868	89493	2.13%	0.162%

Sum of corrected areas: 55326869

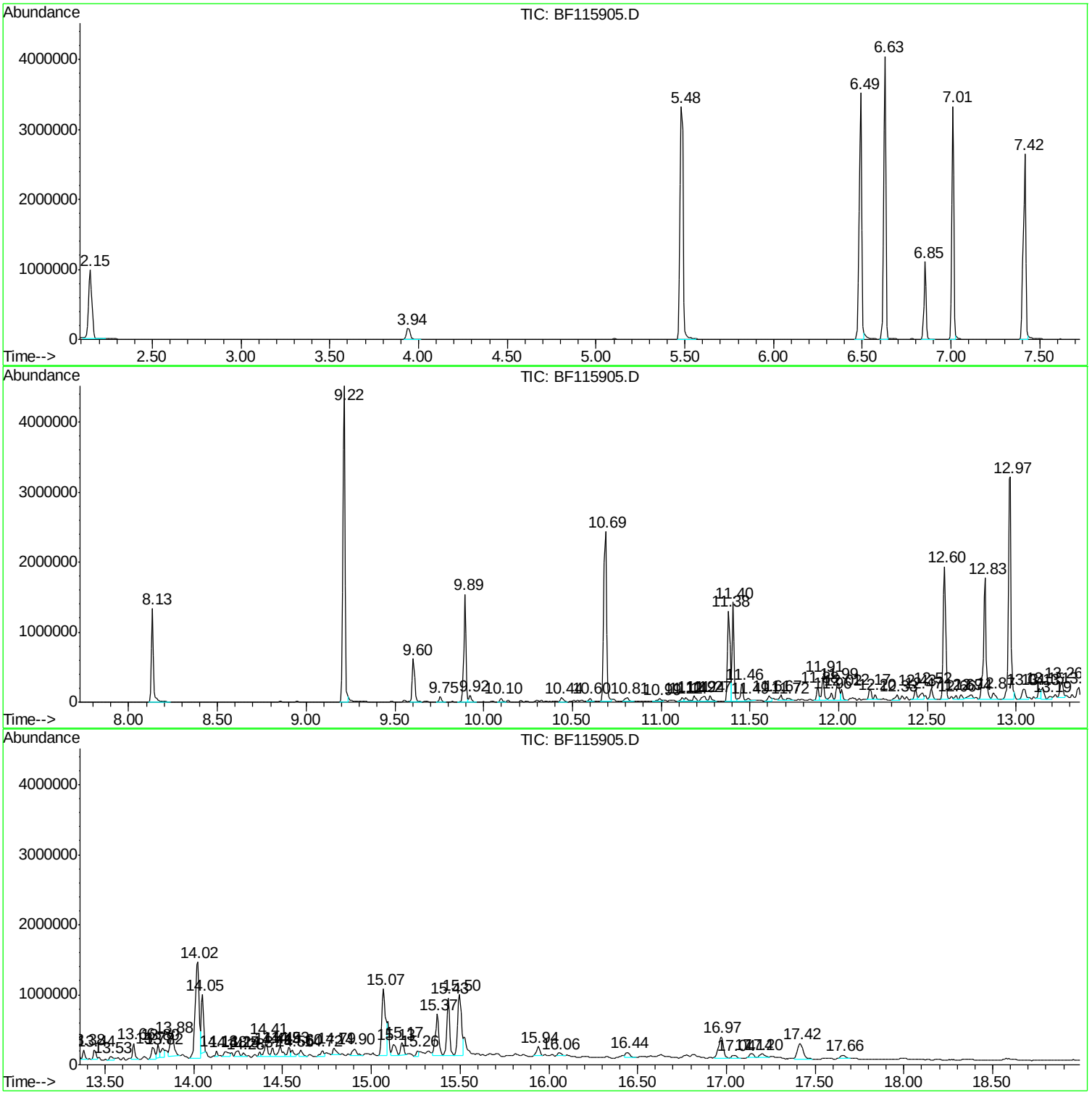
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115905.D
Acq On : 1 Aug 2019 14:05
Operator : HP/JU
Sample : K4066-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115905.D
Acq On : 1 Aug 2019 14:05
Operator : HP/JU
Sample : K4066-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

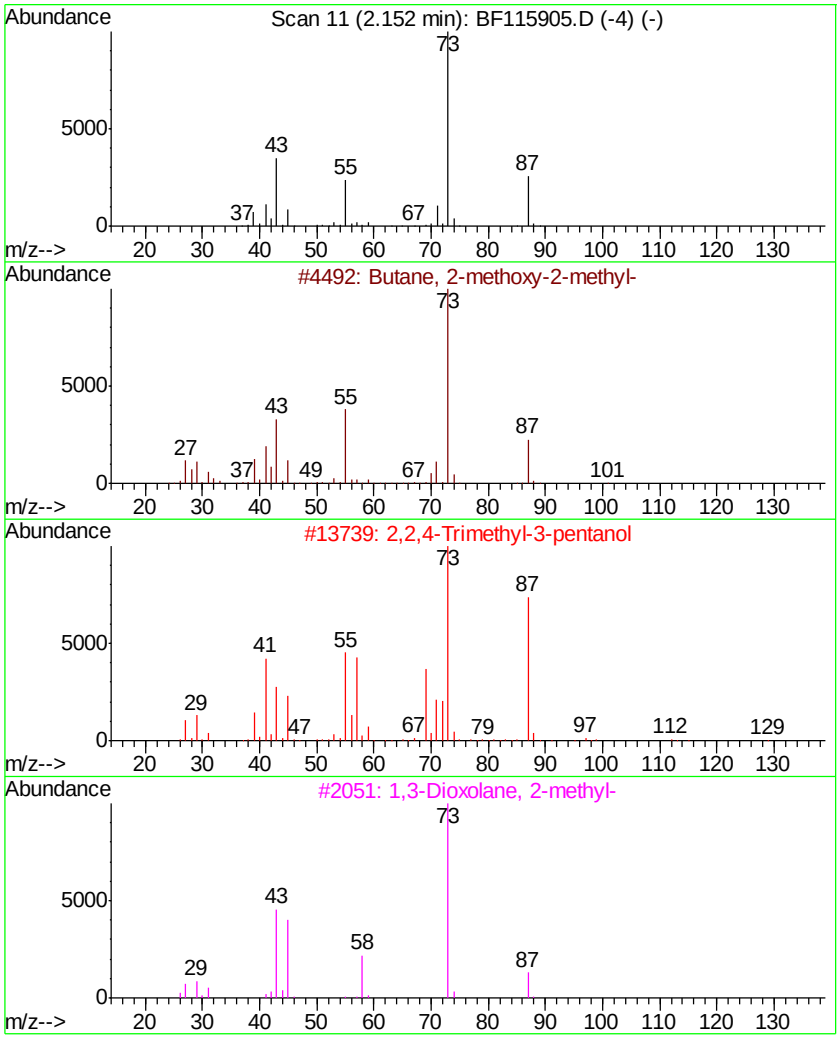
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

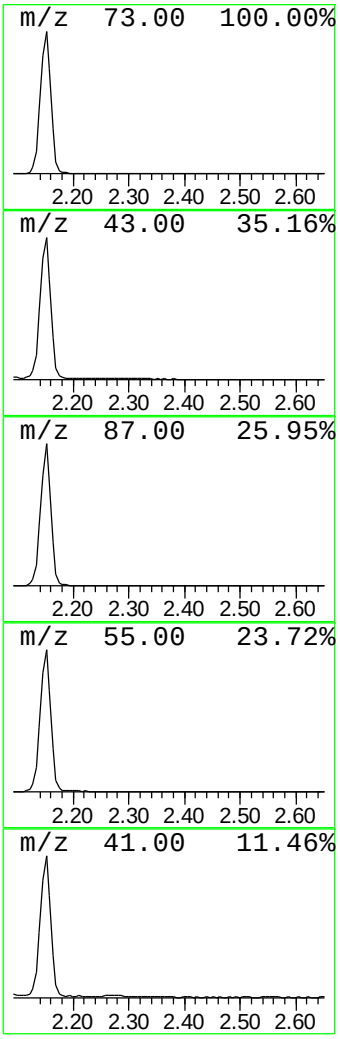
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	28.51 ng	1302180	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115905.D
Acq On : 1 Aug 2019 14:05
Operator : HP/JU
Sample : K4066-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

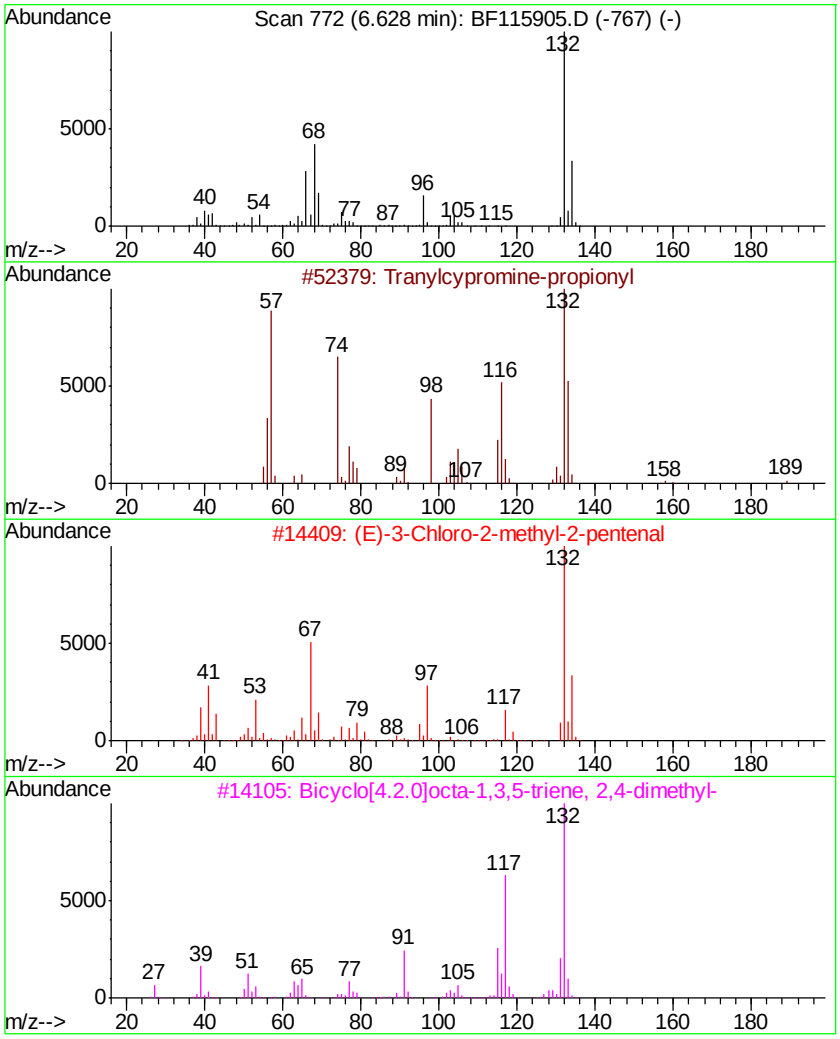
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

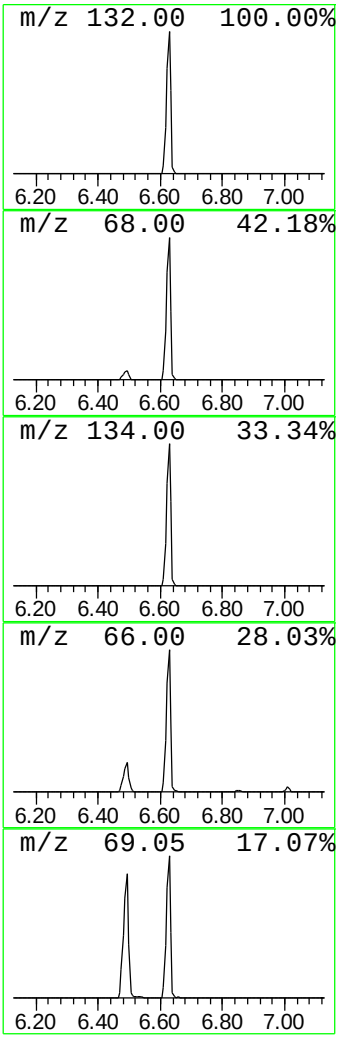
****

Peak Number 3 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	85.00 ng	3882730	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115905.D
Acq On : 1 Aug 2019 14:05
Operator : HP/JU
Sample : K4066-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

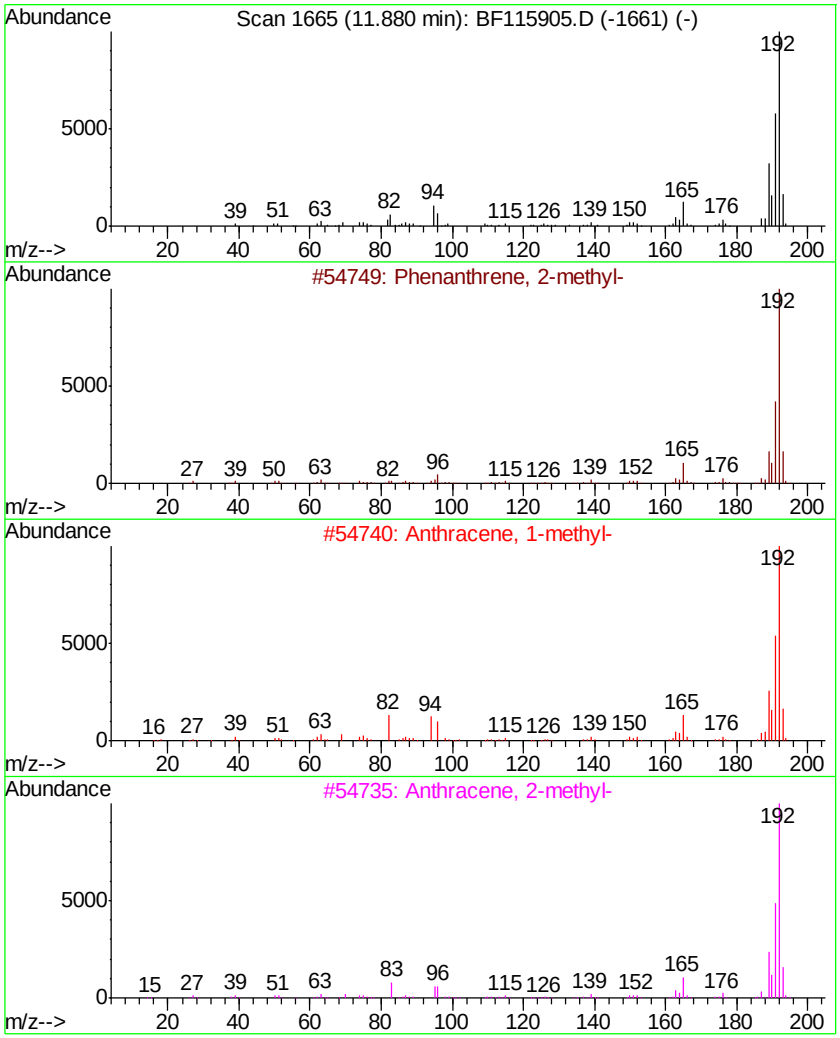
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

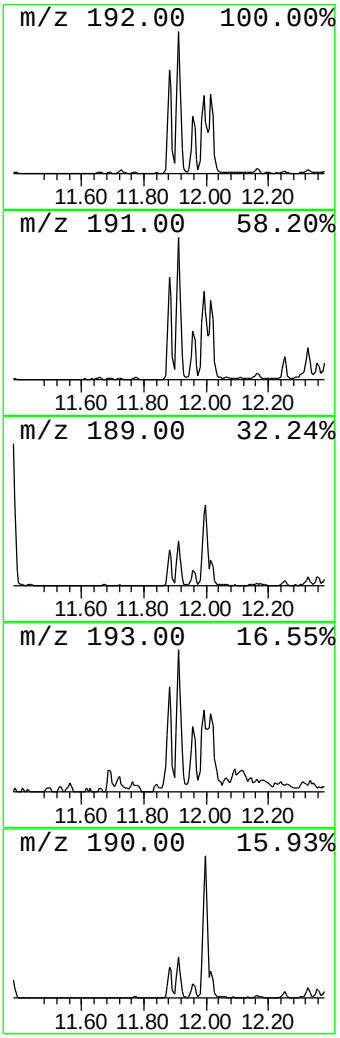
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	3.05 ng	173611	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115905.D
Acq On : 1 Aug 2019 14:05
Operator : HP/JU
Sample : K4066-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

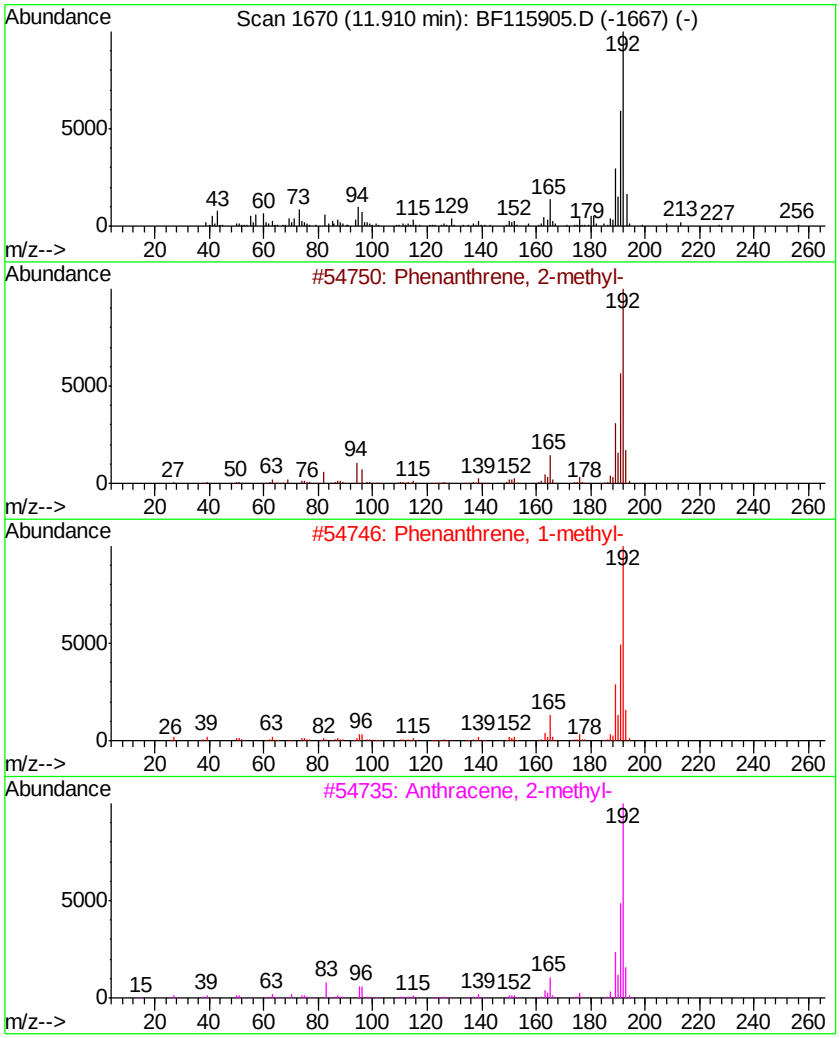
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

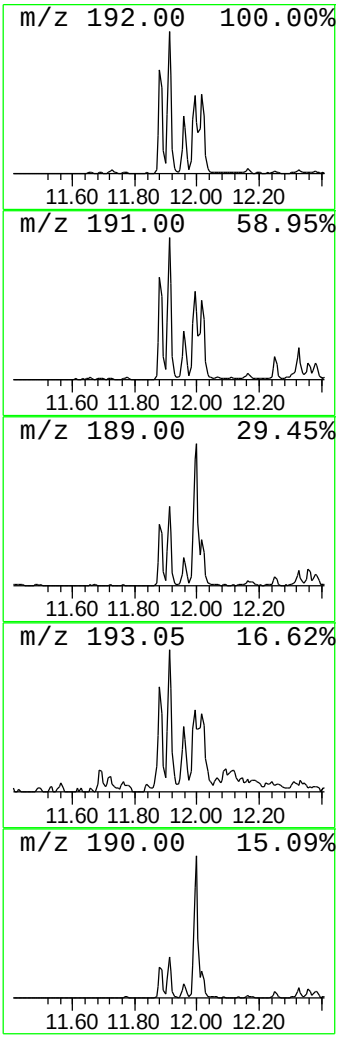
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	5.89 ng	335116	Phenanthrene-d10	11.38

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	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115905.D
Acq On : 1 Aug 2019 14:05
Operator : HP/JU
Sample : K4066-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

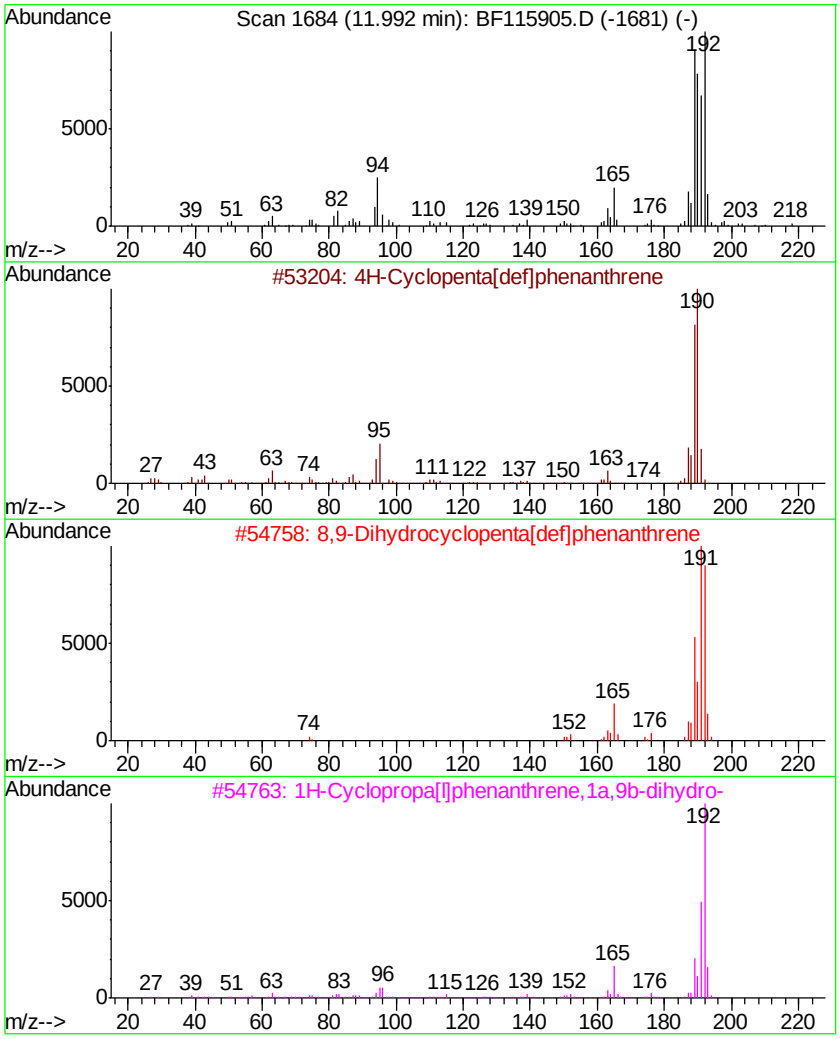
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

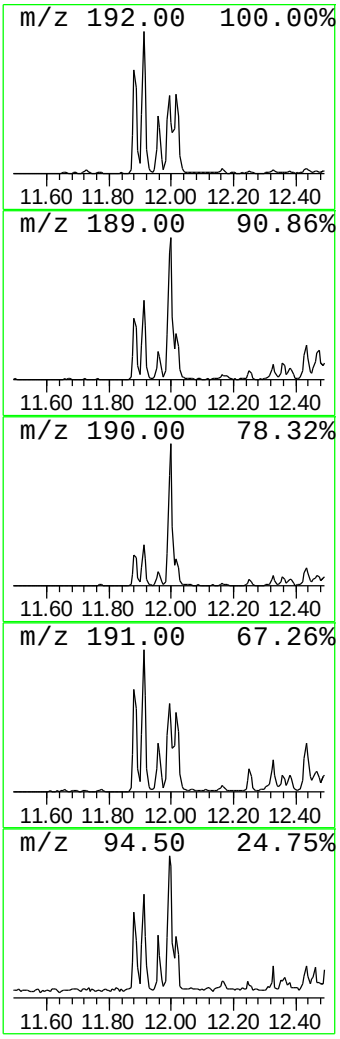
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	5.33 ng	303059	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	51
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115905.D
Acq On : 1 Aug 2019 14:05
Operator : HP/JU
Sample : K4066-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

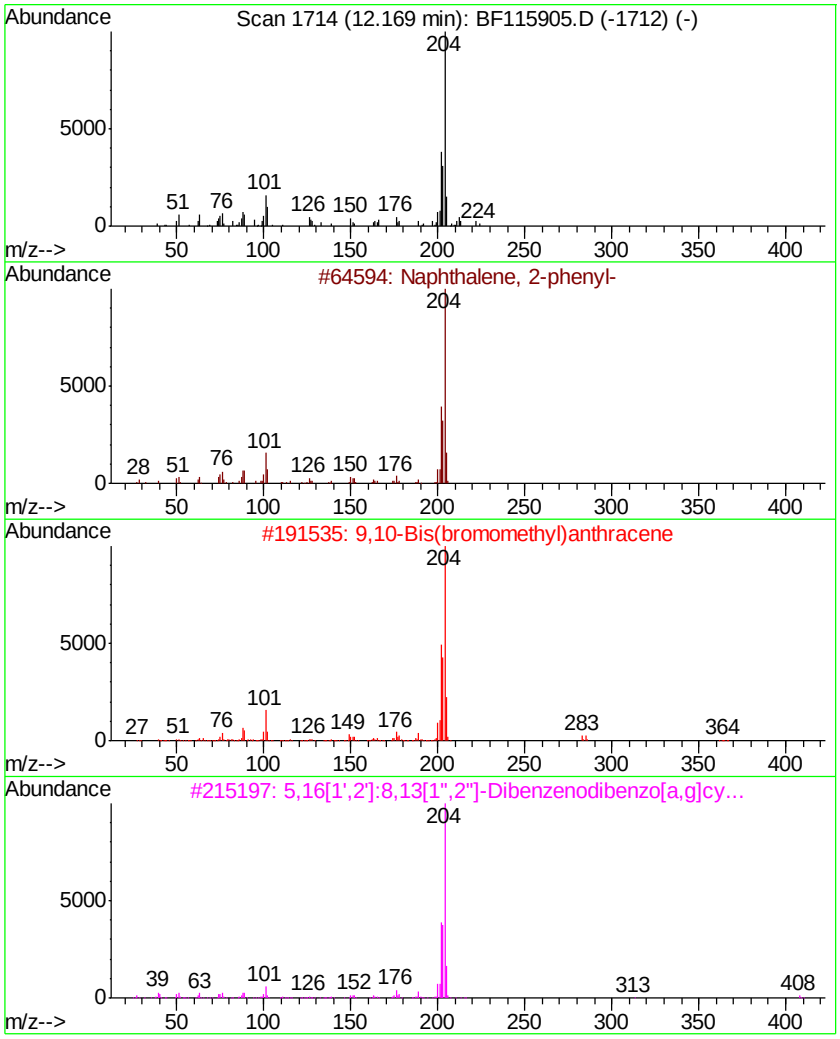
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

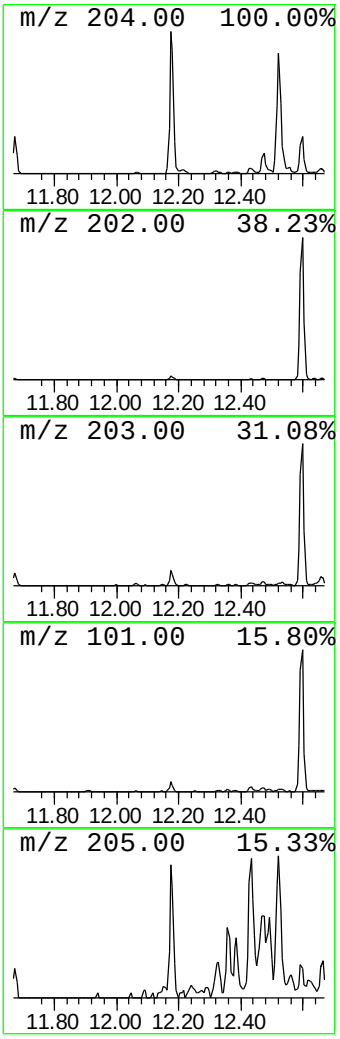
****

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	2.24 ng	127390	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	91
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115905.D
Acq On : 1 Aug 2019 14:05
Operator : HP/JU
Sample : K4066-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

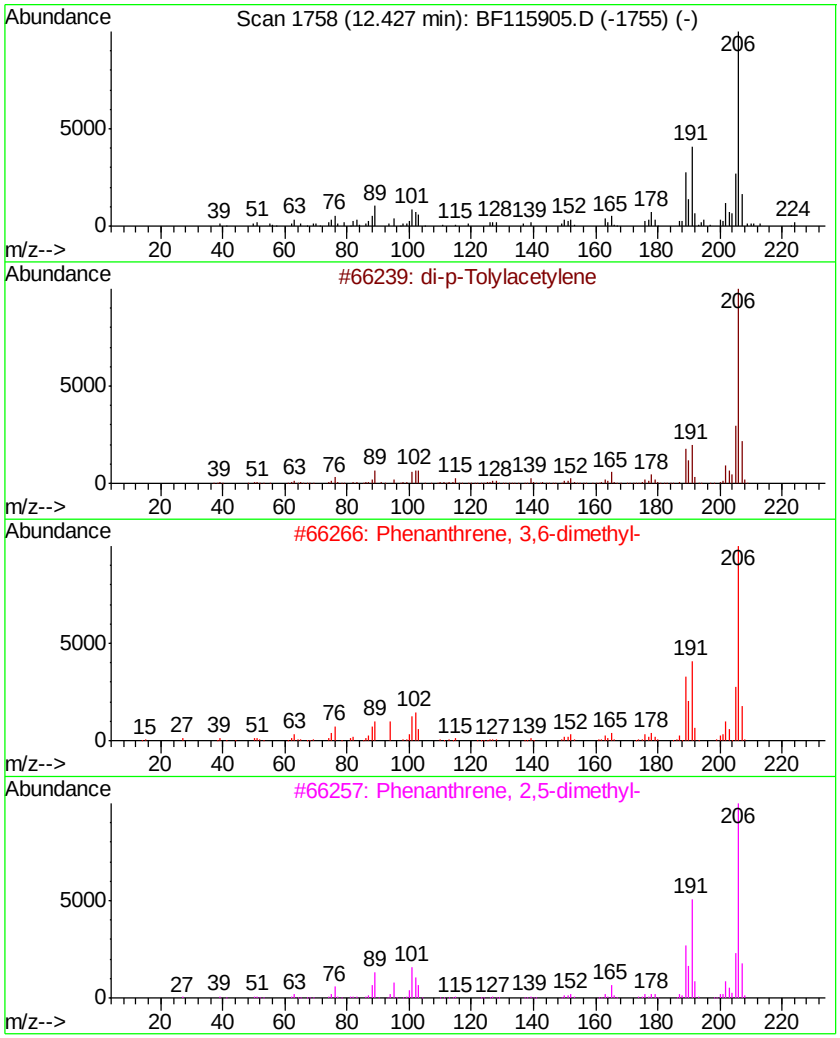
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

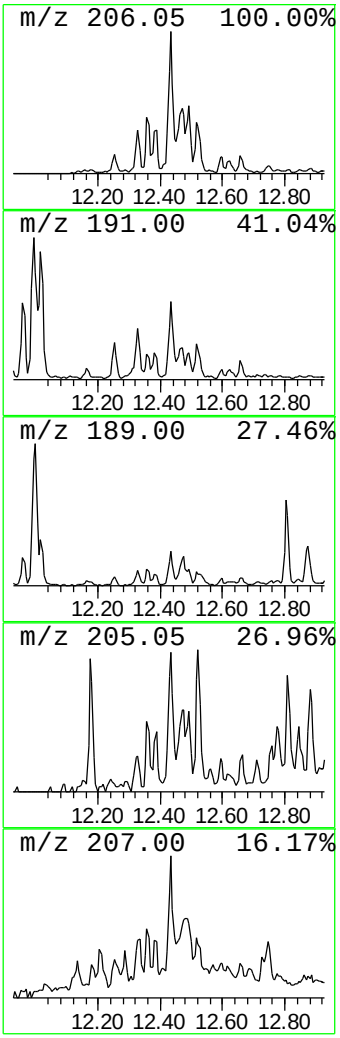
****

Peak Number 9 di-p-Tolylacetylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	2.48 ng	141036	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115905.D
Acq On : 1 Aug 2019 14:05
Operator : HP/JU
Sample : K4066-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

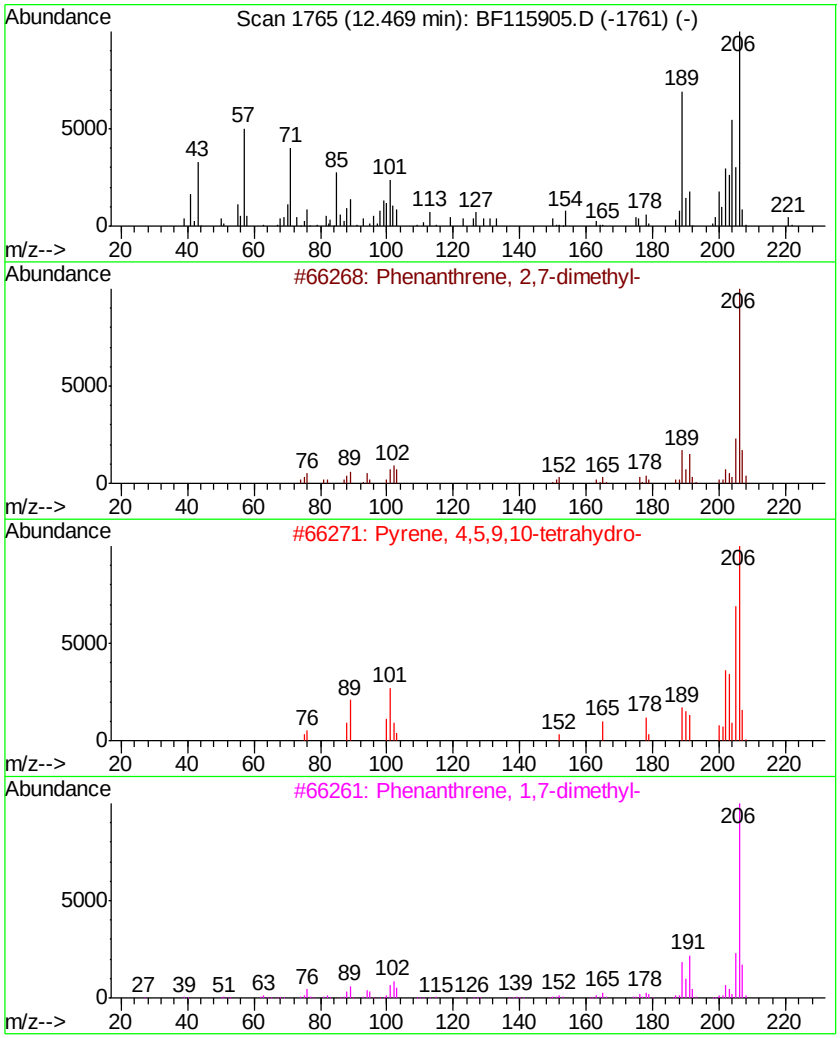
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

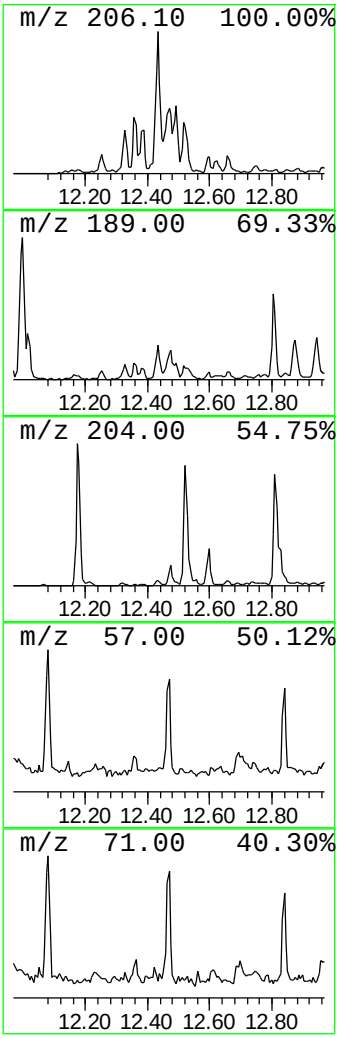
****

Peak Number 10 unknown12.47 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	2.25 ng	128033	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	38
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	30
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	27
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	27
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115905.D
Acq On : 1 Aug 2019 14:05
Operator : HP/JU
Sample : K4066-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

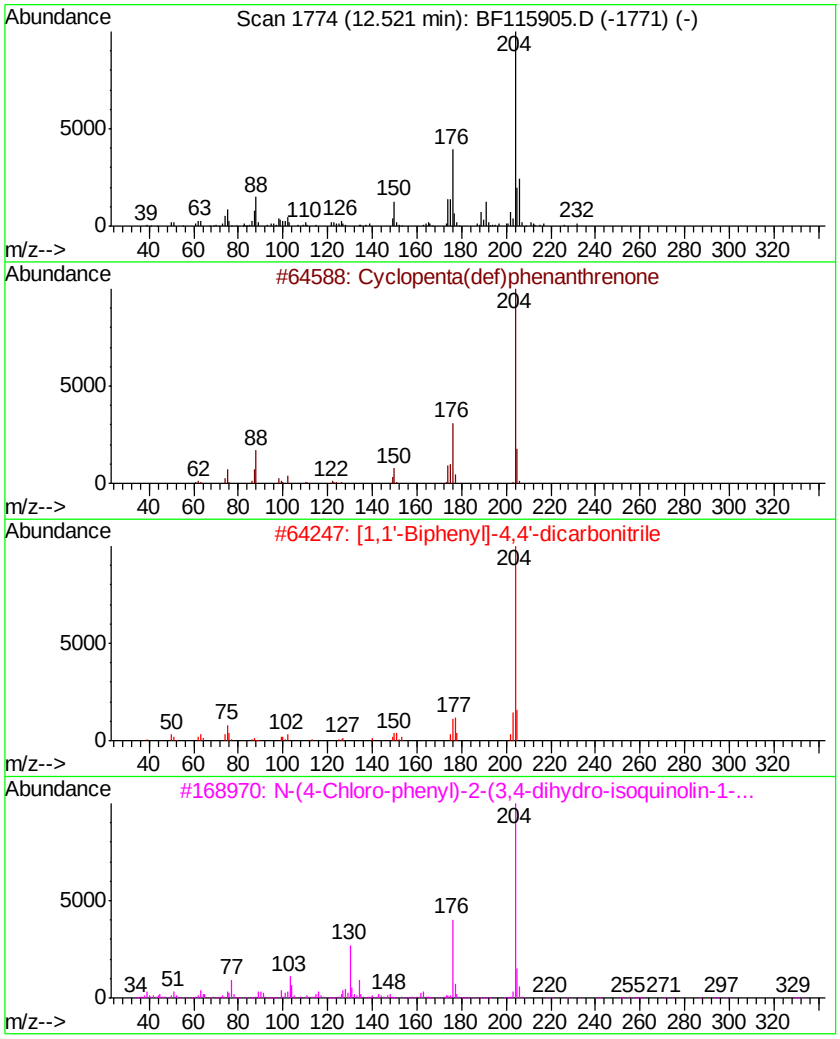
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

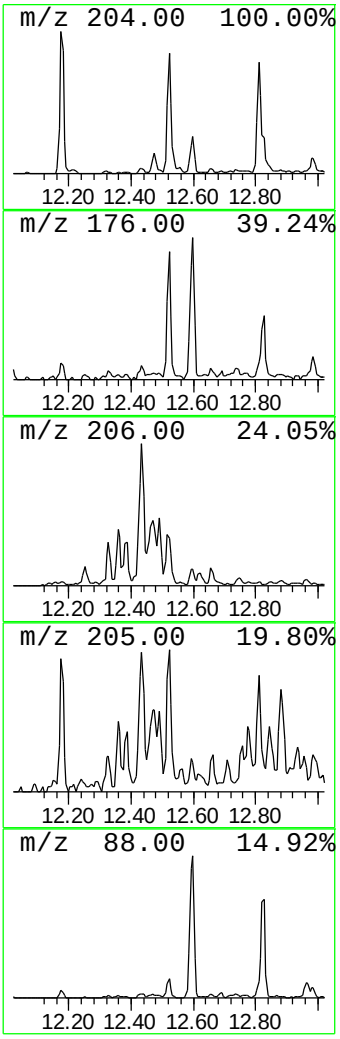
****

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	2.97 ng	168778	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	50
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115905.D
Acq On : 1 Aug 2019 14:05
Operator : HP/JU
Sample : K4066-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

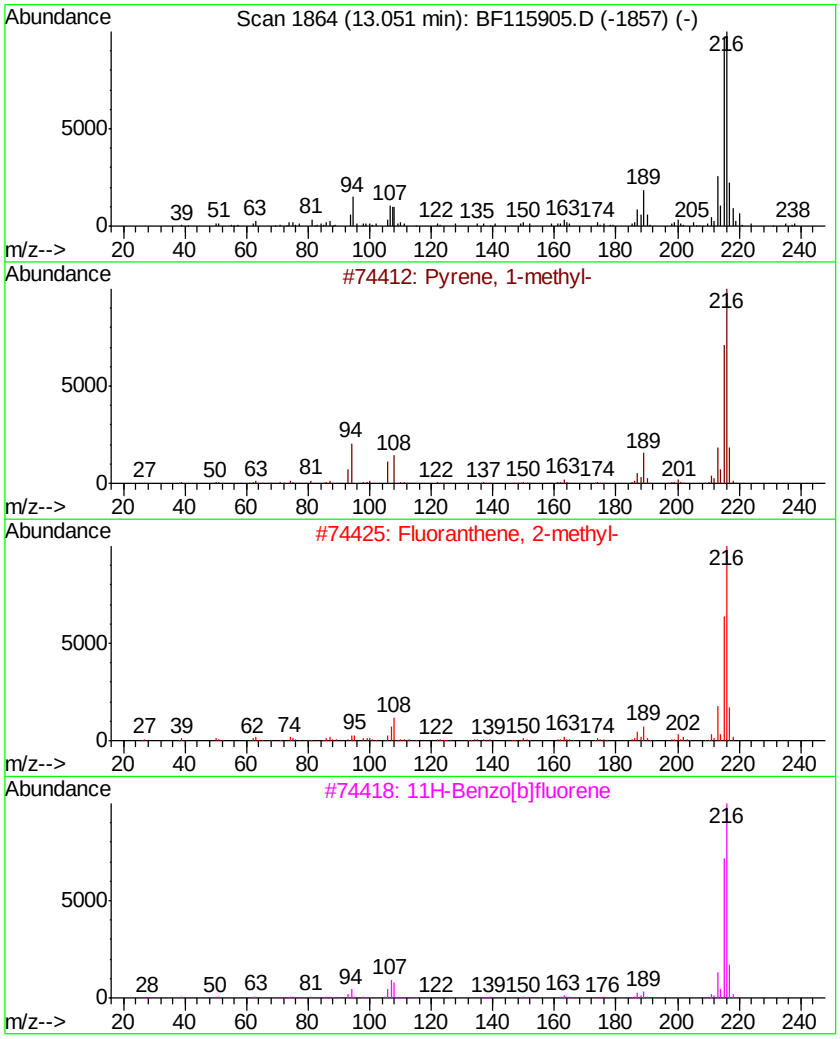
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

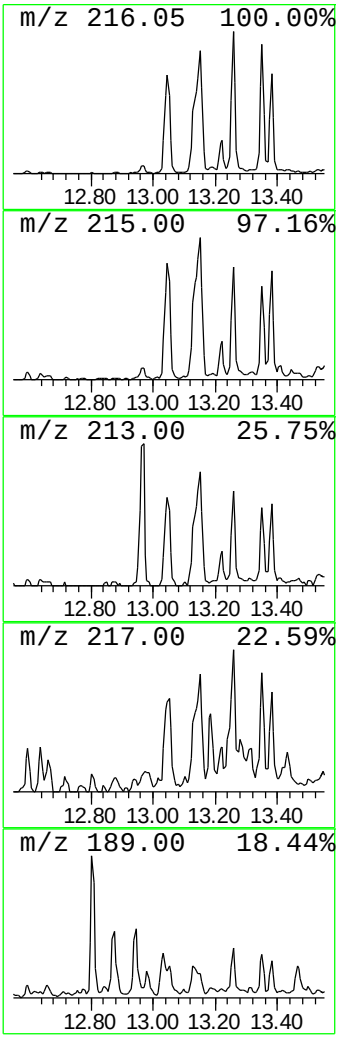
****

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	2.42 ng	265152	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115905.D
Acq On : 1 Aug 2019 14:05
Operator : HP/JU
Sample : K4066-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

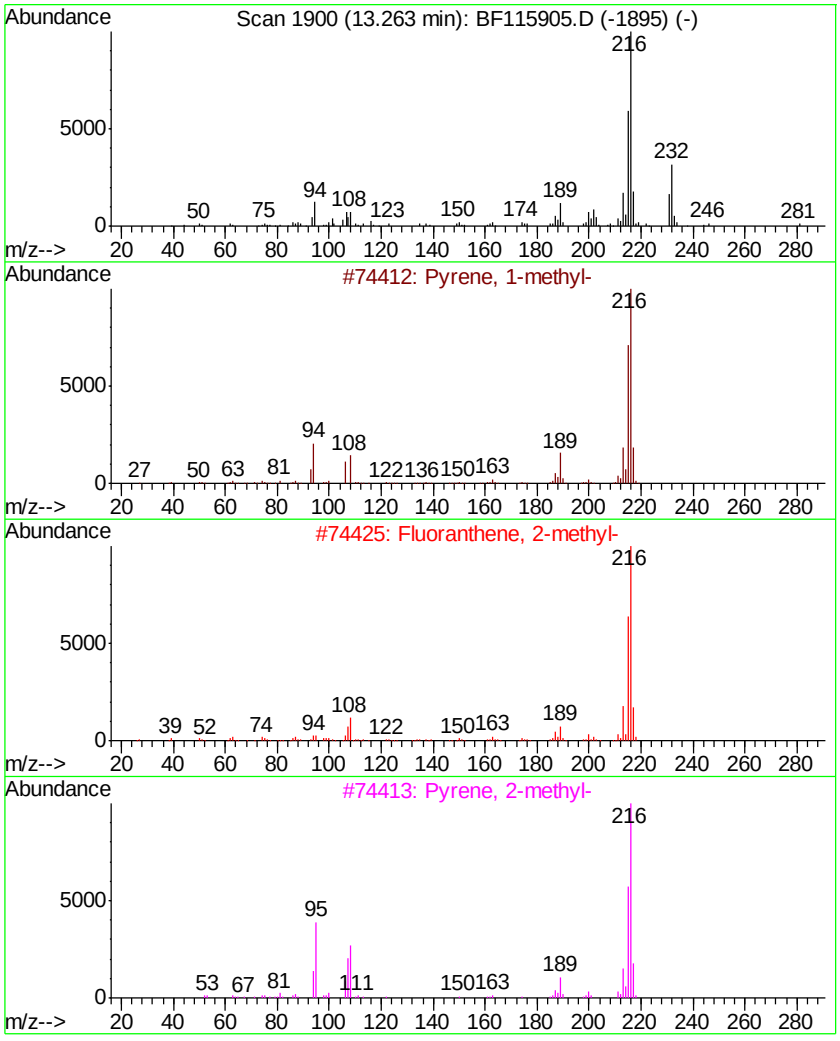
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

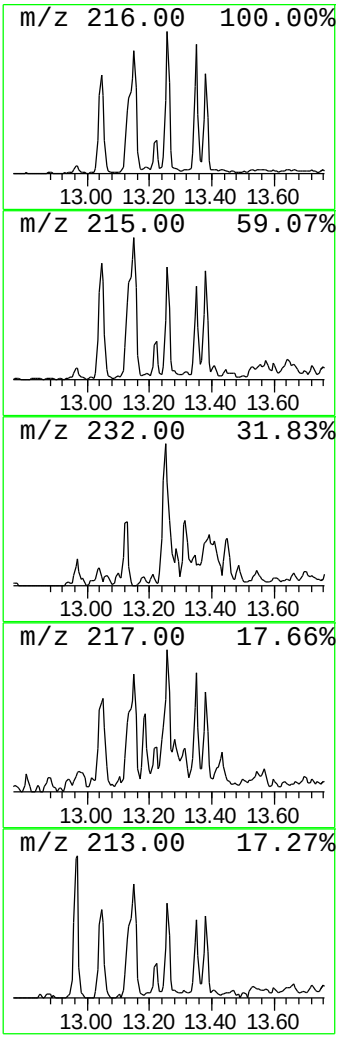
****

Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.18 ng	238129	Chrysene-d12	14.02

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	96
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115905.D
Acq On : 1 Aug 2019 14:05
Operator : HP/JU
Sample : K4066-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

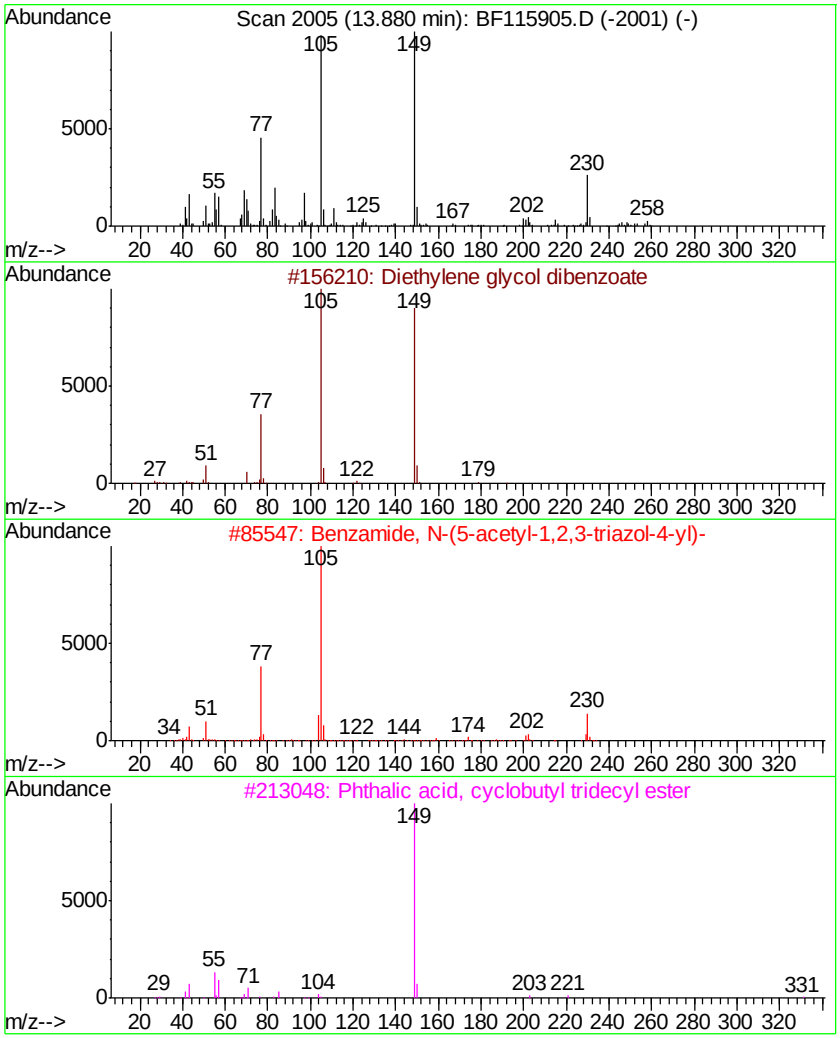
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

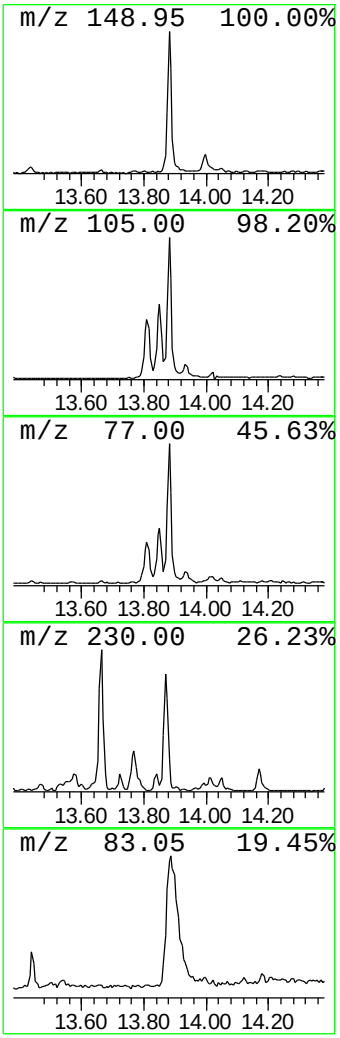
****

Peak Number 14 Diethylene glycol dibenzoate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	4.19 ng	458458	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	58
2	Benzamide, N-(5-acetyl-1,2,3-tri...	230	C11H10N4O2	129959-33-7	30
3	Phthalic acid, cyclobutyl tridec...	402	C25H38O4	1000314-90-8	27
4	Hippuric-benzaldehyde azalactone	249	C16H11NO2	000842-74-0	14
5	Benzamide, N-[(2-hydroxyphenyl)t...	257	C14H11NO2S	1000261-60-9	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115905.D
Acq On : 1 Aug 2019 14:05
Operator : HP/JU
Sample : K4066-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

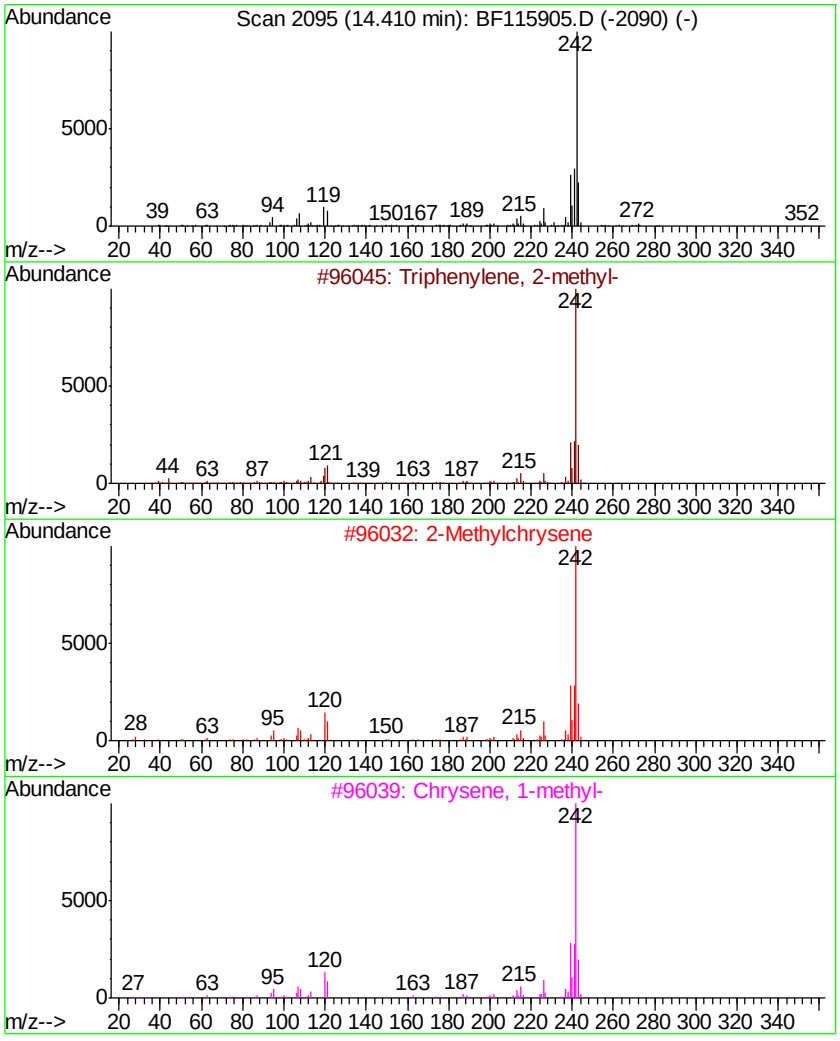
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

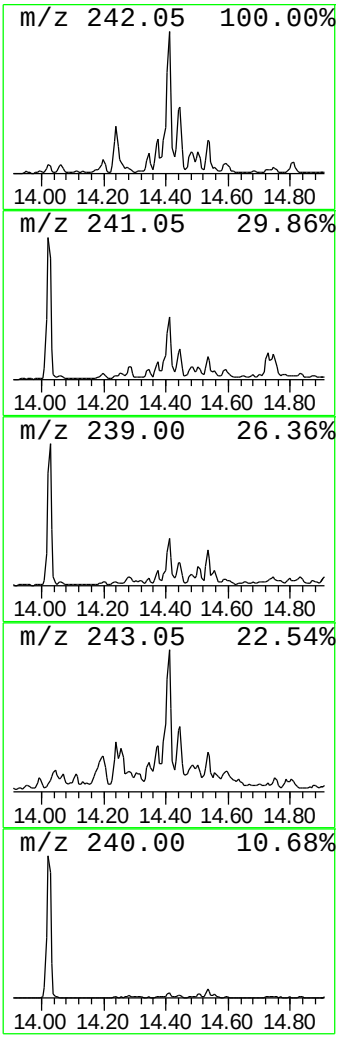
****

Peak Number 15 Triphenylene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	2.65 ng	289972	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	97
2	2-Methylchrysene	242	C19H14	003351-32-4	96
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	96
4	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	94
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115905.D
Acq On : 1 Aug 2019 14:05
Operator : HP/JU
Sample : K4066-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

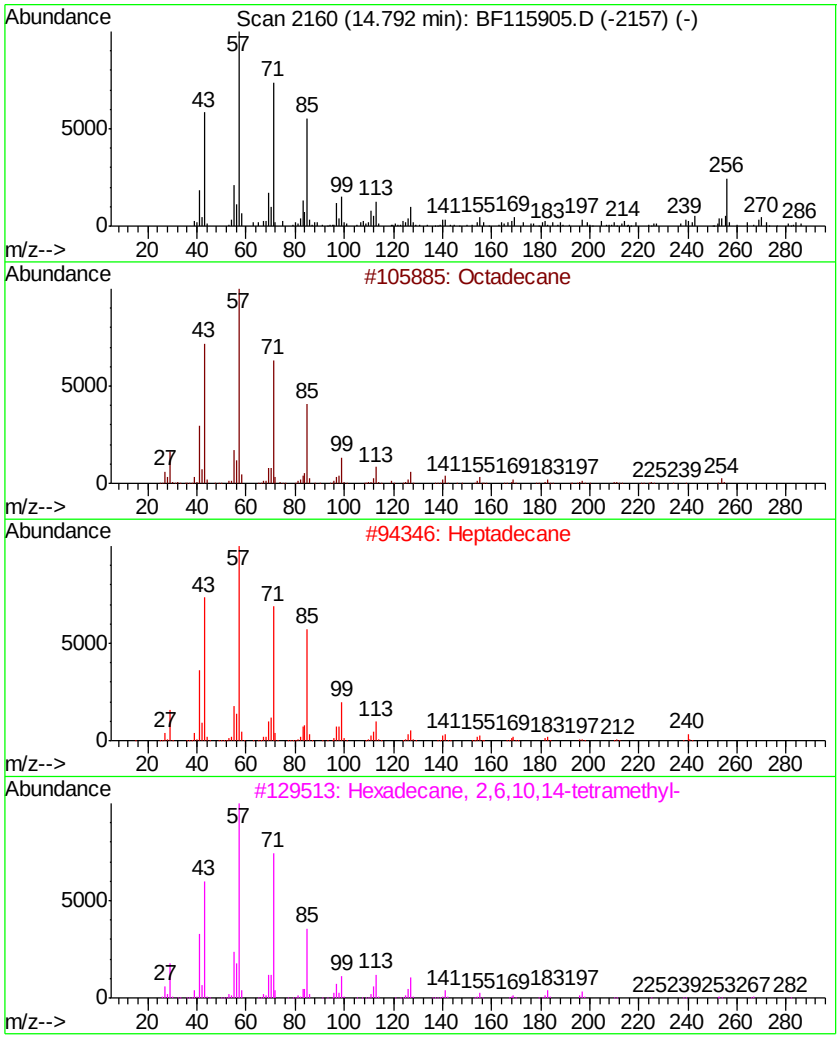
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

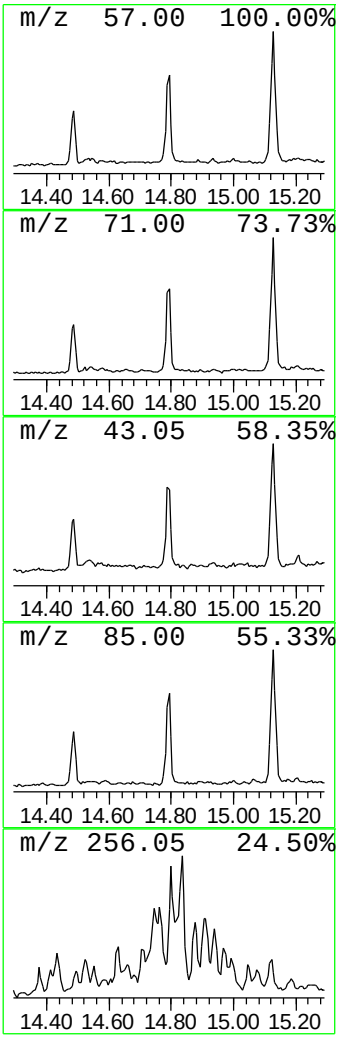
****

Peak Number 16 Octadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.14 ng	129424	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Heptadecane	240	C17H36	000629-78-7	90
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	89
4	Eicosane, 2-methyl-	296	C21H44	001560-84-5	87
5	Heptacosane	380	C27H56	000593-49-7	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115905.D
Acq On : 1 Aug 2019 14:05
Operator : HP/JU
Sample : K4066-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

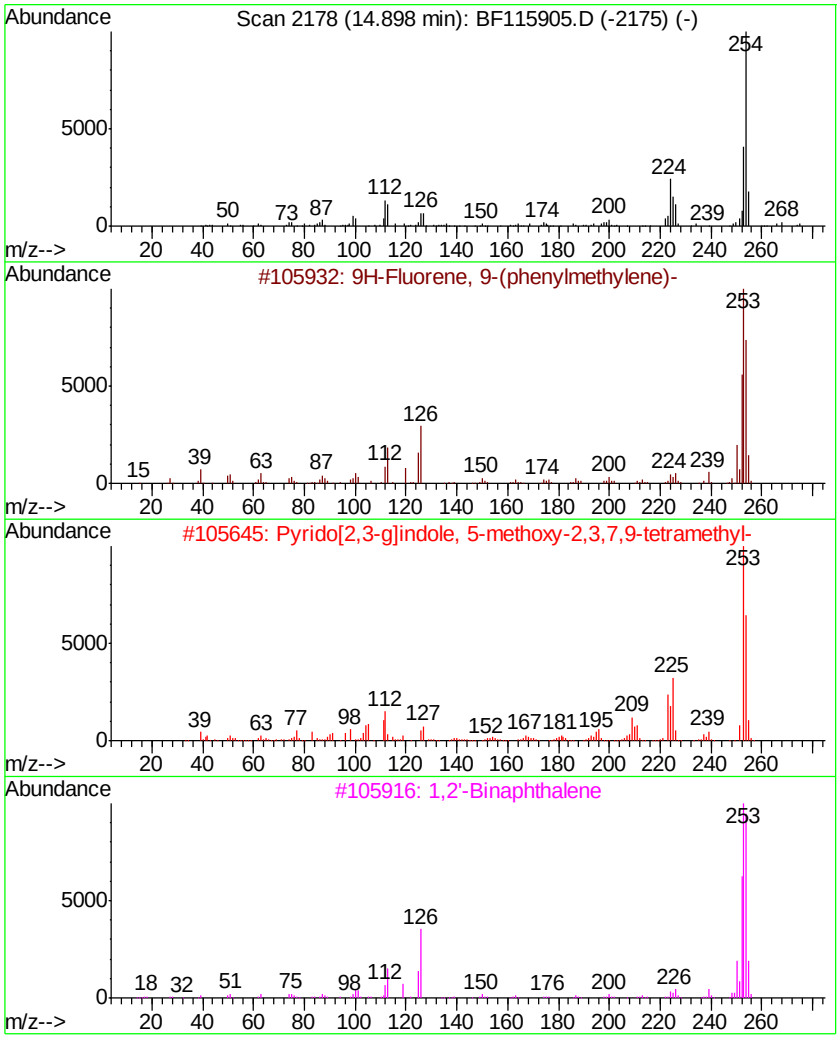
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

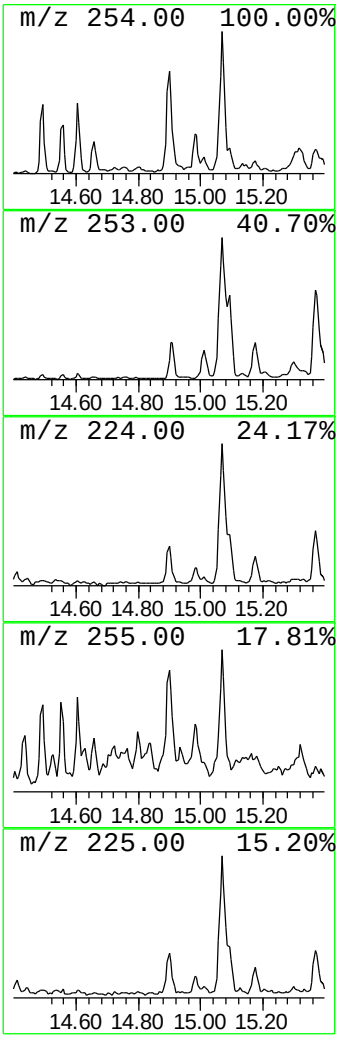
****

Peak Number 17 9H-Fluorene, 9-(phenylmethy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	2.62 ng	158606	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	76
2	Pyrido[2,3-g]indole, 5-methoxy-2...	254	C16H18N2O	201991-45-9	72
3	1,2'-Binaphthalene	254	C20H14	004325-74-0	68
4	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	64
5	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115905.D
Acq On : 1 Aug 2019 14:05
Operator : HP/JU
Sample : K4066-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

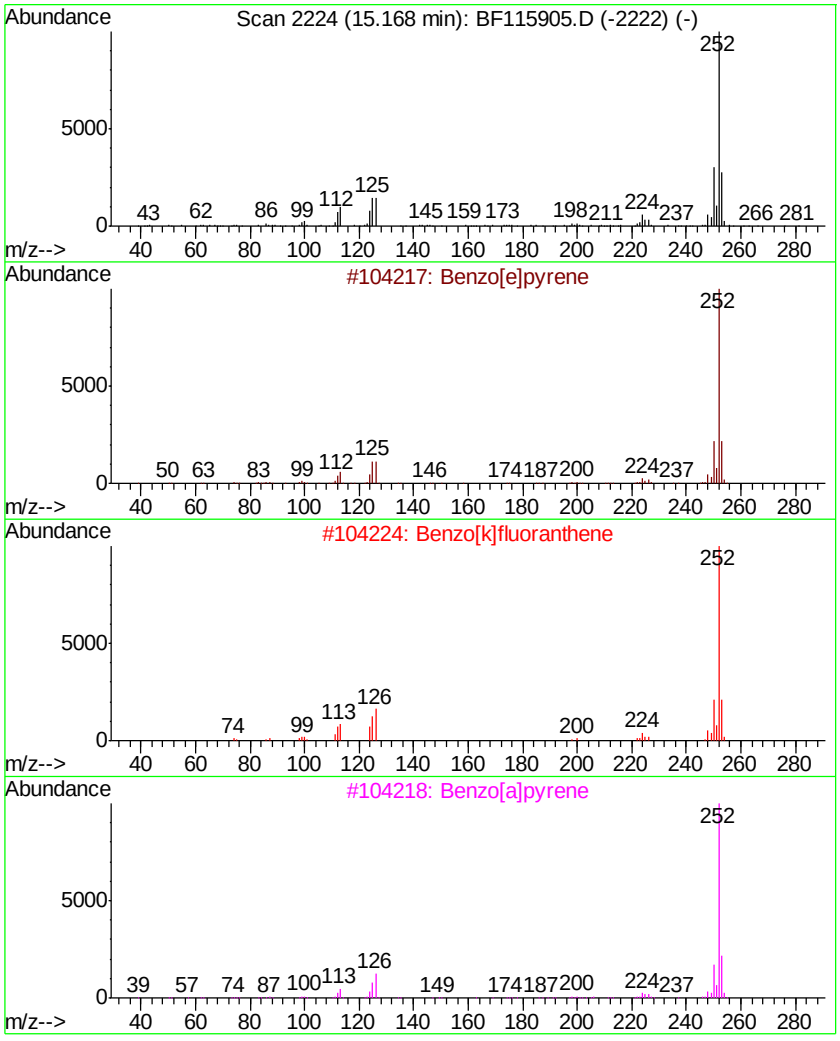
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

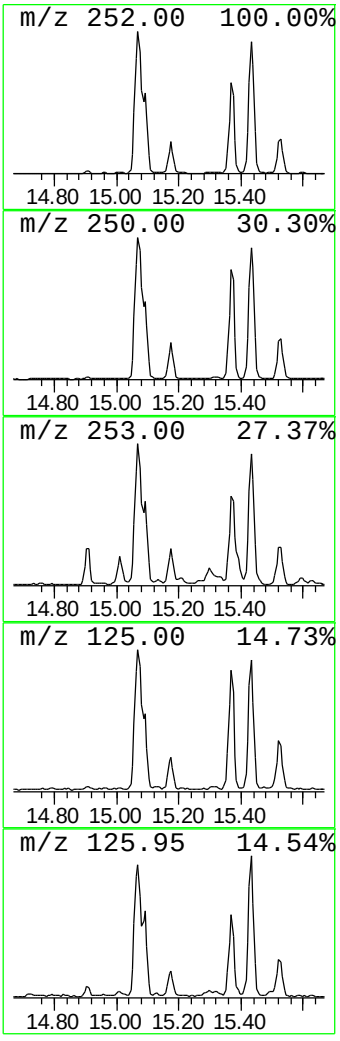
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	3.06 ng	184990	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115905.D
Acq On : 1 Aug 2019 14:05
Operator : HP/JU
Sample : K4066-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

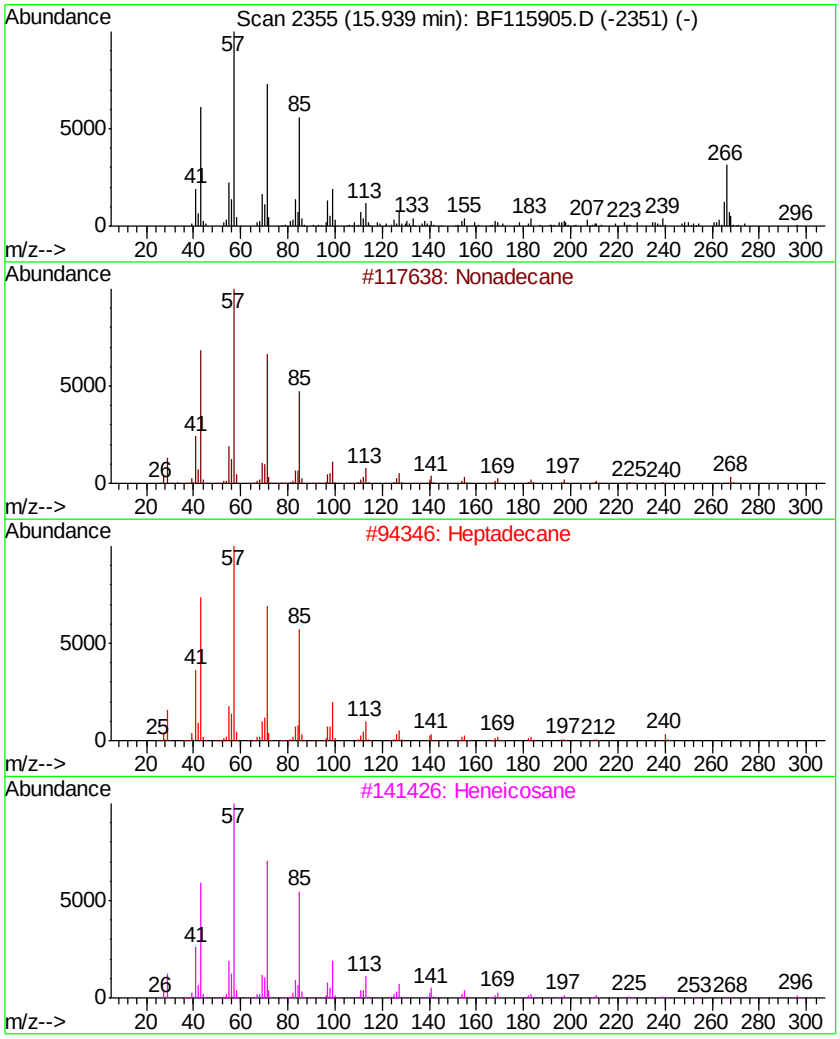
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

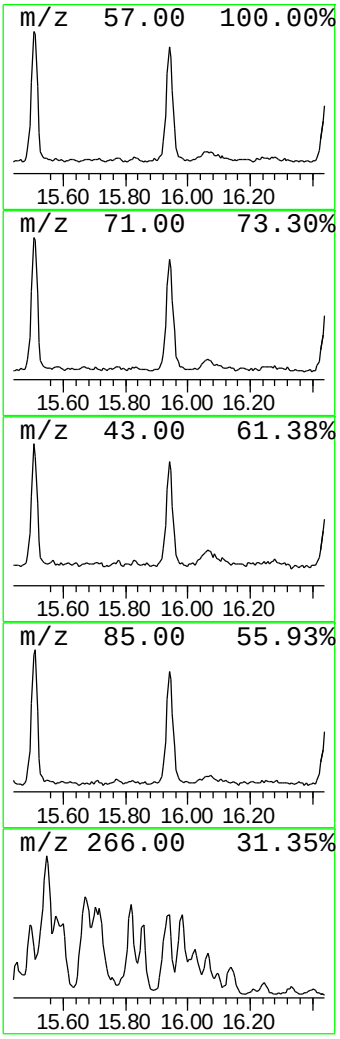
****

Peak Number 20 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	3.04 ng	183909	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heneicosane	296	C21H44	000629-94-7	81
4	Hexacosane	366	C26H54	000630-01-3	81
5	2-methyloctacosane	408	C29H60	1000376-72-8	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080119\
Data File : BF115905.D
Acq On : 1 Aug 2019 14:05
Operator : HP/JU
Sample : K4066-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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...	2.15	28.5	ng	1302180	1	6.85	913614	20.0
unknown6.63	6.63	85.0	ng	3882730	1	6.85	913614	20.0
Anthracene, 1-met...	11.88	3.0	ng	173611	4	11.38	1137180	20.0
Phenanthrene, 2-m...	11.91	5.9	ng	335116	4	11.38	1137180	20.0
4H-Cyclopenta[def...	11.99	5.3	ng	303059	4	11.38	1137180	20.0
Naphthalene, 2-ph...	12.17	2.2	ng	127390	4	11.38	1137180	20.0
di-p-Tolylacetylene	12.43	2.5	ng	141036	4	11.38	1137180	20.0
unknown12.47	12.47	2.3	ng	128033	4	11.38	1137180	20.0
Cyclopenta(def)ph...	12.52	3.0	ng	168778	4	11.38	1137180	20.0
Pyrene, 1-methyl-	13.05	2.4	ng	265152	5	14.02	2189020	20.0
Fluoranthene, 2-m...	13.26	2.2	ng	238129	5	14.02	2189020	20.0
Diethylene glycol...	13.88	4.2	ng	458458	5	14.02	2189020	20.0
Triphenylene, 2-m...	14.41	2.6	ng	289972	5	14.02	2189020	20.0
Octadecane	14.79	2.1	ng	129424	6	15.50	1208700	20.0
9H-Fluorene, 9-(p...	14.90	2.6	ng	158606	6	15.50	1208700	20.0
Benzo[e]pyrene	15.17	3.1	ng	184990	6	15.50	1208700	20.0
Nonadecane	15.94	3.0	ng	183909	6	15.50	1208700	20.0