LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113082.D
Acq On : 15 Mar 2019 22:59
Operator : JU/SJ
Sample : K1901-10 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-16(7-8)

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	5.334	548	552	568	rVB	424165	436736	26.21%	2.283%
2	6.363	724	727	743	rBV	488127	503858	30.23%	2.633%
3	6.493	746	749	757	rVV	572879	508543	30.51%	2.658%
4	6.728	785	789	798	rBV	741857	699826	41.99%	3.658%
5	6.881	812	815	826	rVB	469500	394789	23.69%	2.063%
6	7.281	880	883	891	rBV	224457	267775	16.07%	1.400%
7	7.810	970	973	981	rVB2	14998	18613	1.12%	0.097%
8	8.010	1003	1007	1015	rBV	868882	908716	54.53%	4.749%
9	9.081	1186	1189	1204	rBV	467953	574767	34.49%	3.004%
10	9.475	1253	1256	1263	rVB	28838	32765	1.97%	0.171%
11	9.757	1300	1304	1315	rBV2	1162869	1233870	74.04%	6.449%
12	9.963	1336	1339	1343	rBV	19495	23020	1.38%	0.120%
13	10.304	1394	1397	1403	rVB2	32902	33625	2.02%	0.176%
14	10.463	1422	1424	1430	rVB2	17216	17752	1.07%	0.093%
15	10.539	1434	1437	1448	rBV	389025	452562	27.16%	2.365%
16	10.851	1482	1490	1492	rBV5	16289	27936	1.68%	0.146%
17	10.975	1506	1511	1513	rBV4	19774	23515	1.41%	0.123%
18	11.045	1520	1523	1527	rVB3	20891	20274	1.22%	0.106%
19	11.092	1527	1531	1534	rBV2	31878	43950	2.64%	0.230%
20	11.133	1534	1538	1540	rVV	19072	18731	1.12%	0.098%
21	11.233	1551	1555	1558	rBV	1305792	1291644	77.50%	6.751%
22	11.257	1558	1559	1565	rVV	577969	432641	25.96%	2.261%
23	11.310	1565	1568	1572	rVV	113421	110649	6.64%	0.578%
24	11.345	1572	1574	1580	rVB4	13783	17473	1.05%	0.091%
25	11.469	1593	1595	1597	rBV	18188	17223	1.03%	0.090%
26	11.492	1597	1599	1603	rVV4	15843	23720	1.42%	0.124%
27	11.533	1603	1606	1609	rVB2	25282	23359	1.40%	0.122%
28	11.733	1637	1640	1643	rBV	76376	76461	4.59%	0.400%
29	11.769	1643	1646	1651	rVV2	130600	155728	9.34%	0.814%
30	11.810	1651	1653	1656	rVV	48673	55402	3.32%	0.290%
31	11.845	1656	1659	1662	rVV	146670	176836	10.61%	0.924%
32	11.869	1662	1663	1669	rVB	79074	74823	4.49%	0.391%
33	11.980	1679	1682	1686	rBV4	35492	38136	2.29%	0.199%
34	12.027	1686	1690	1693	rBV2	62690	77840	4.67%	0.407%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113082.D
Acq On : 15 Mar 2019 22:59
Operator : JU/SJ
Sample : K1901-10 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-16(7-8)

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	12.092	1698	1701	1708	rVB2	105252	100454	6.03%	0.525%
36	12.180	1710	1716	1719	rBV2	99759	105122	6.31%	0.549%
37	12.210	1719	1721	1723	rBV	20125	16942	1.02%	0.089%
38	12.233	1723	1725	1727	rVB2	26387	20419	1.23%	0.107%
39	12.280	1728	1733	1736	rBV	57701	78388	4.70%	0.410%
40	12.322	1738	1740	1742	rVV2	26731	30977	1.86%	0.162%
41	12.363	1745	1747	1753	rVB4	49297	64319	3.86%	0.336%
42	12.439	1756	1760	1765	rBV	940541	910965	54.66%	4.761%
43	12.486	1765	1768	1771	rBV	83899	68595	4.12%	0.359%
44	12.586	1779	1785	1790	rBV2	36141	65524	3.93%	0.342%
45	12.669	1793	1799	1802	rBV	881017	926206	55.58%	4.841%
46	12.722	1806	1808	1814	rVB2	45049	63205	3.79%	0.330%
47	12.786	1816	1819	1821	rBV2	79243	92058	5.52%	0.481%
48	12.810	1821	1823	1830	rVB	685626	664887	39.90%	3.475%
49	12.886	1832	1836	1841	rBV2	66134	106436	6.39%	0.556%
50	12.951	1844	1847	1849	rVV	94442	85948	5.16%	0.449%
51	12.998	1849	1855	1858	rVB2	121993	204388	12.26%	1.068%
52	13.063	1863	1866	1869	rBV2	64101	60509	3.63%	0.316%
53	13.098	1869	1872	1880	rVB2	129121	153925	9.24%	0.804%
54	13.192	1885	1888	1891	rBV	65147	63150	3.79%	0.330%
55	13.222	1891	1893	1897	rVB3	66696	62136	3.73%	0.325%
56	13.286	1901	1904	1907	rBV4	37454	39673	2.38%	0.207%
57	13.374	1917	1919	1920	rBV	22030	17259	1.04%	0.090%
58	13.398	1921	1923	1925	rVV	41294	41343	2.48%	0.216%
59	13.421	1925	1927	1929	rVB2	33545	27893	1.67%	0.146%
60	13.498	1938	1940	1945	rVB	66413	79573	4.77%	0.416%
61	13.610	1956	1959	1962	rBV2	62752	79167	4.75%	0.414%
62	13.639	1962	1964	1966	rVB	65887	44123	2.65%	0.231%
63	13.663	1966	1968	1969	rBV	35782	25879	1.55%	0.135%
64	13.710	1973	1976	1977	rBV	46197	48069	2.88%	0.251%
65	13.863	1994	2002	2004	rBV2	1363105	1666581	100.00%	8.710%
66	13.886	2004	2006	2013	rVV	463795	448136	26.89%	2.342%
67	13.963	2017	2019	2025	rVB	43314	52208	3.13%	0.273%
68	14.039	2029	2032	2036	rVV3	44933	62693	3.76%	0.328%
69	14.086	2036	2040	2043	rVV3	28741	41792	2.51%	0.218%
70	14.210	2059	2061	2063	rBV	30867	28248	1.69%	0.148%
71	14.245	2064	2067	2070	rVV	98977	116016	6.96%	0.606%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113082.D
Acq On : 15 Mar 2019 22:59
Operator : JU/SJ
Sample : K1901-10 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-16(7-8)

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	14.280	2070	2073	2076	rVB	55957	57098	3.43%	0.298%
73	14.339	2081	2083	2086	rVB2	84231	70468	4.23%	0.368%
74	14.368	2086	2088	2090	rBV2	45404	40172	2.41%	0.210%
75	14.633	2131	2133	2142	rVB2	85828	116918	7.02%	0.611%
76	14.868	2169	2173	2176	rBV	421593	607915	36.48%	3.177%
77	14.951	2184	2187	2189	rBV2	76384	96301	5.78%	0.503%
78	15.151	2217	2221	2227	rVB	251176	304328	18.26%	1.591%
79	15.210	2227	2231	2236	rVV	343280	393998	23.64%	2.059%
80	15.268	2236	2241	2244	rVV	956726	1141899	68.52%	5.968%
81	15.298	2244	2246	2252	rVB3	156000	221787	13.31%	1.159%
82	15.710	2313	2316	2323	rVB2	61505	80601	4.84%	0.421%
83	16.627	2467	2472	2481	rVB2	131372	260870	15.65%	1.363%
84	17.033	2538	2541	2550	rVB	97728	163992	9.84%	0.857%

Sum of corrected areas: 19133111

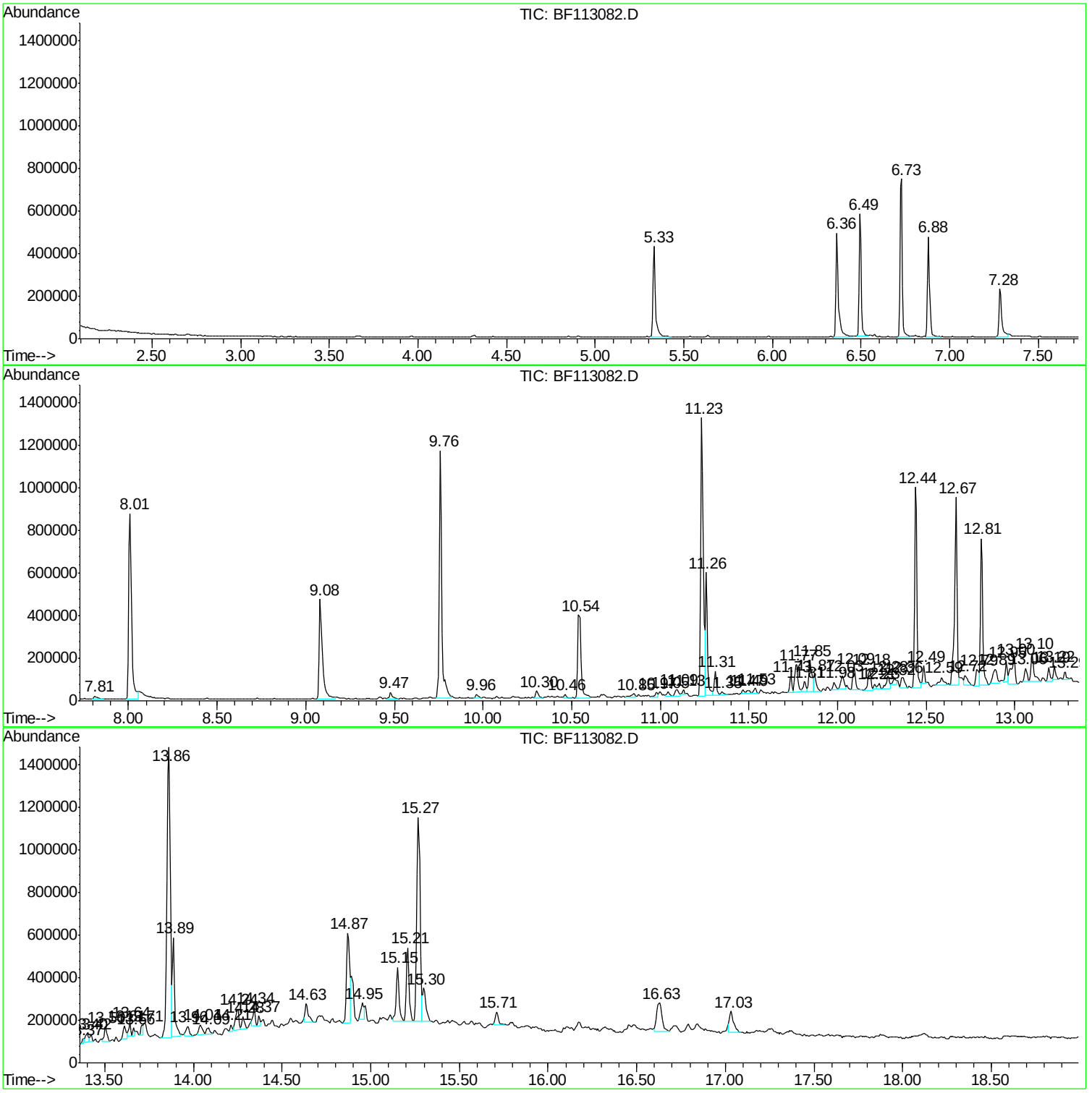
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113082.D
Acq On : 15 Mar 2019 22:59
Operator : JU/SJ
Sample : K1901-10 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-16(7-8)

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113082.D
Acq On : 15 Mar 2019 22:59
Operator : JU/SJ
Sample : K1901-10 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-16(7-8)

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

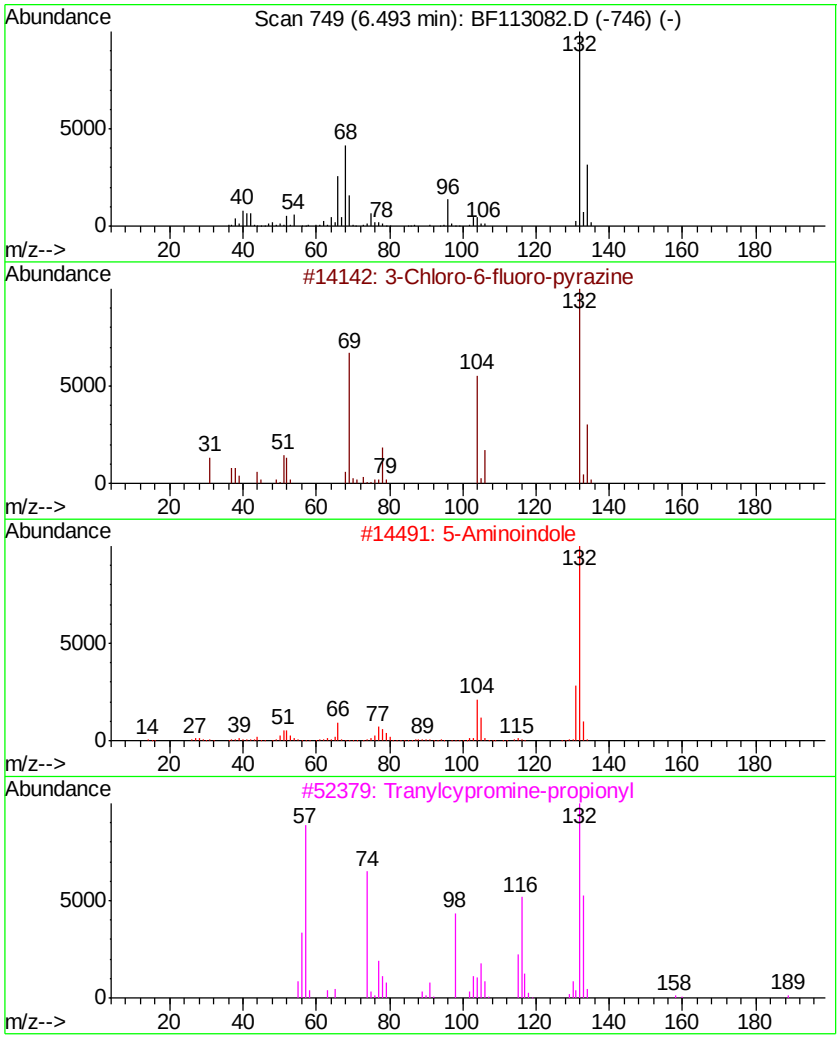
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

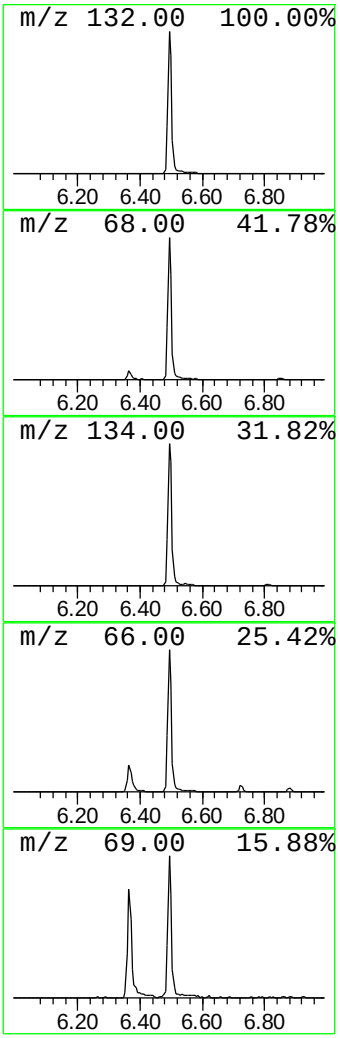
****

Peak Number 1 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	14.53 ng	508543	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113082.D
Acq On : 15 Mar 2019 22:59
Operator : JU/SJ
Sample : K1901-10 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-16(7-8)

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

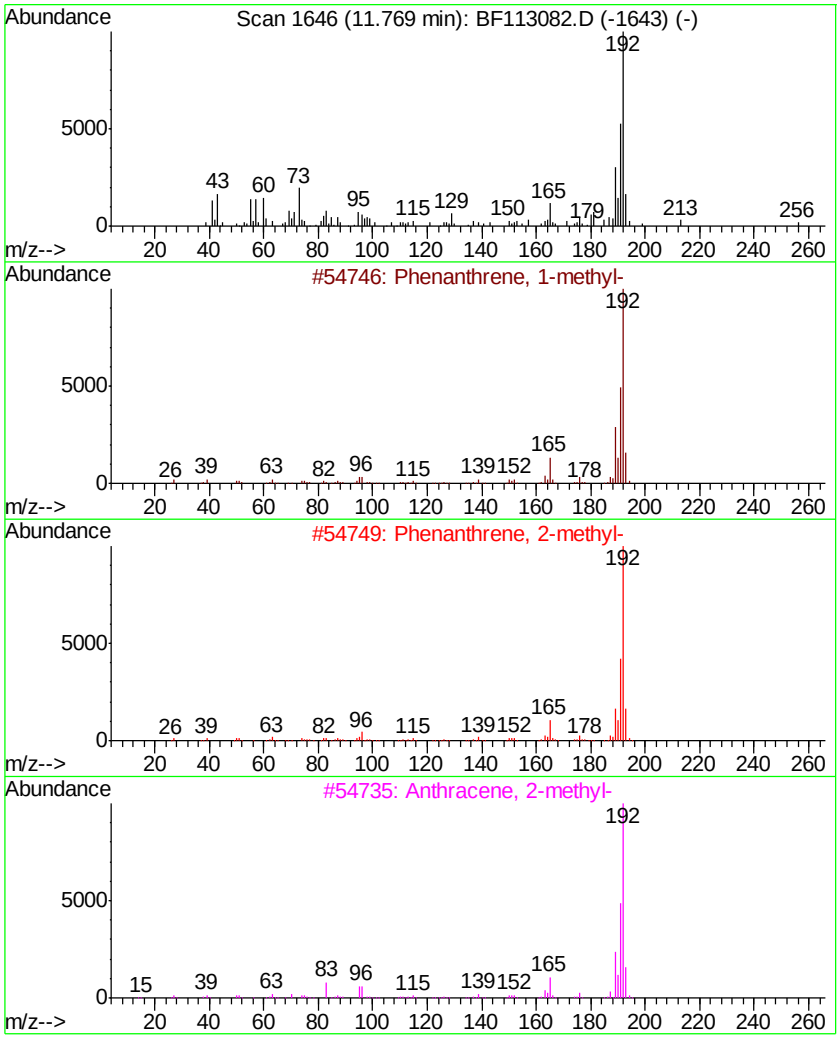
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

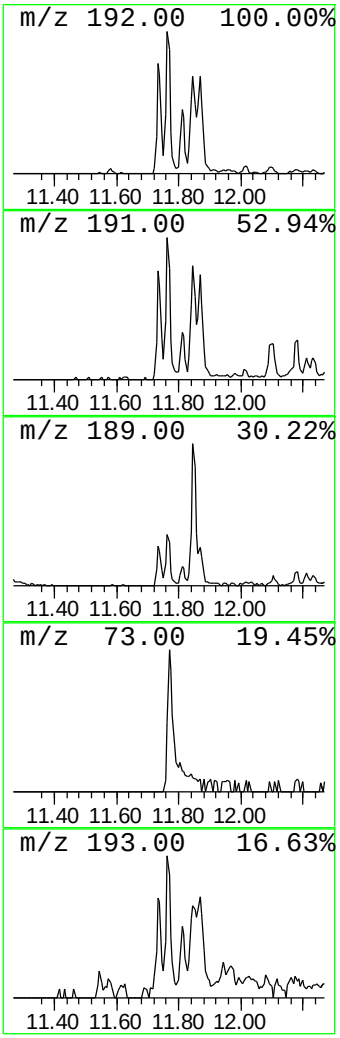
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.41 ng	155728	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113082.D
Acq On : 15 Mar 2019 22:59
Operator : JU/SJ
Sample : K1901-10 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-16(7-8)

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

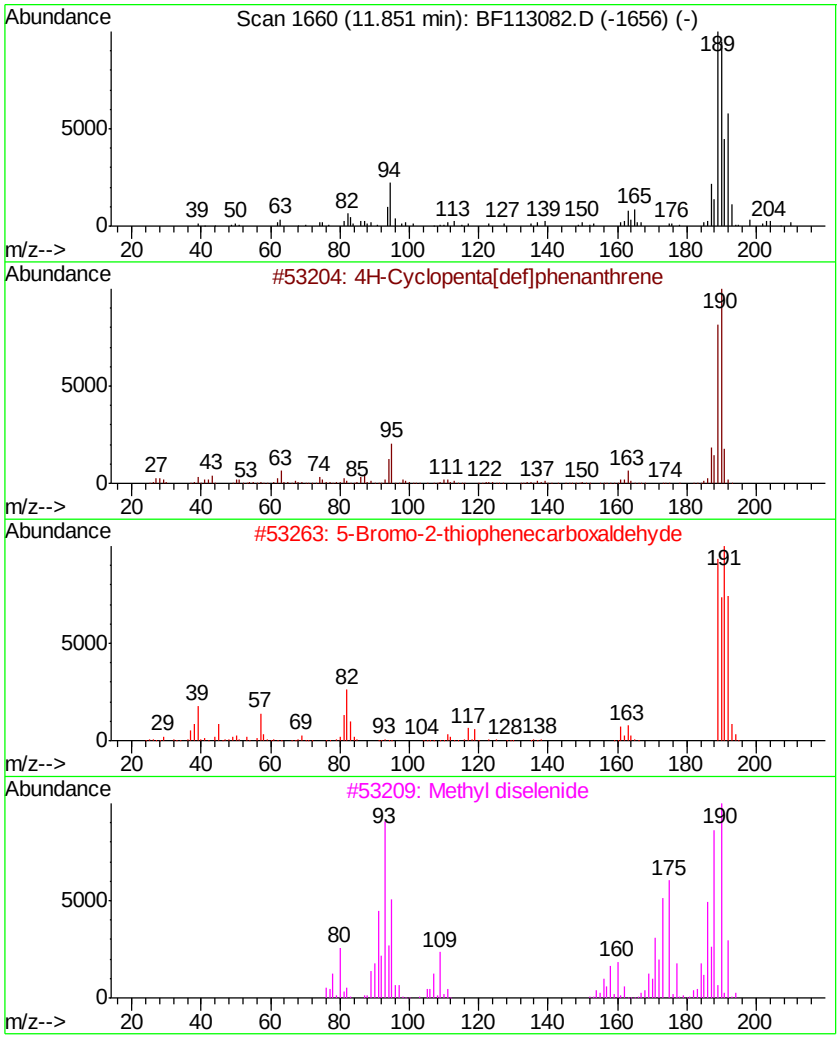
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

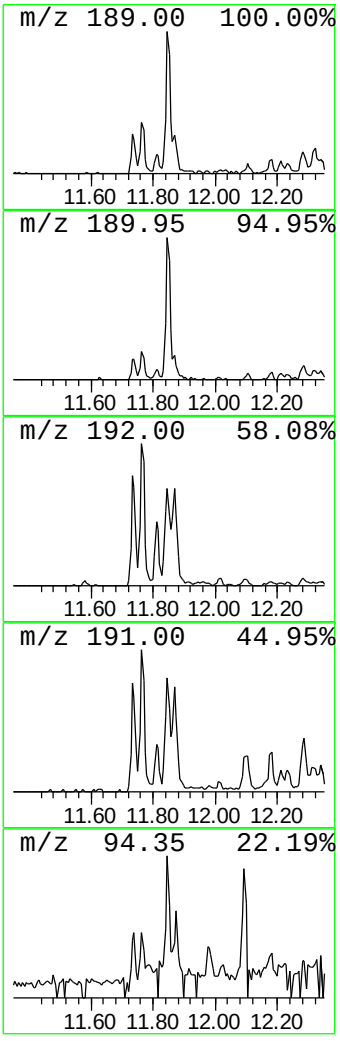
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	2.74 ng	176836	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	47
3	Methyl diselenide	190	C2H6Se2	007101-31-7	38
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	35
5	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113082.D
Acq On : 15 Mar 2019 22:59
Operator : JU/SJ
Sample : K1901-10 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-16(7-8)

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

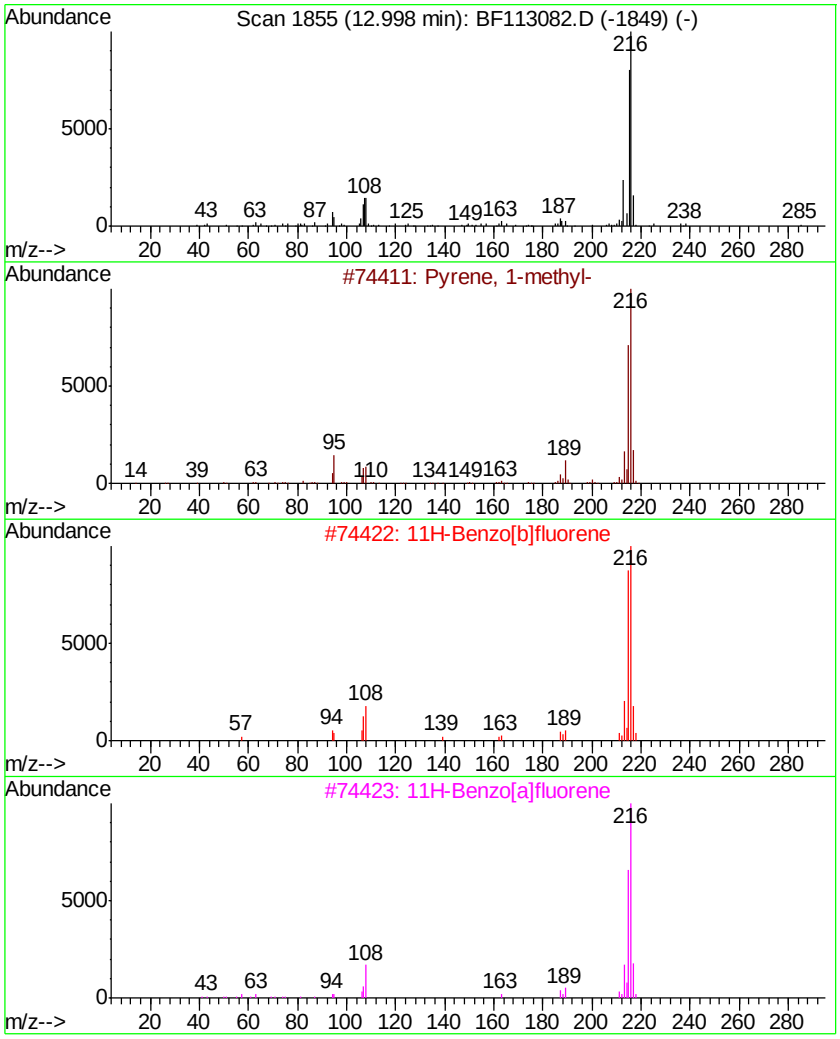
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

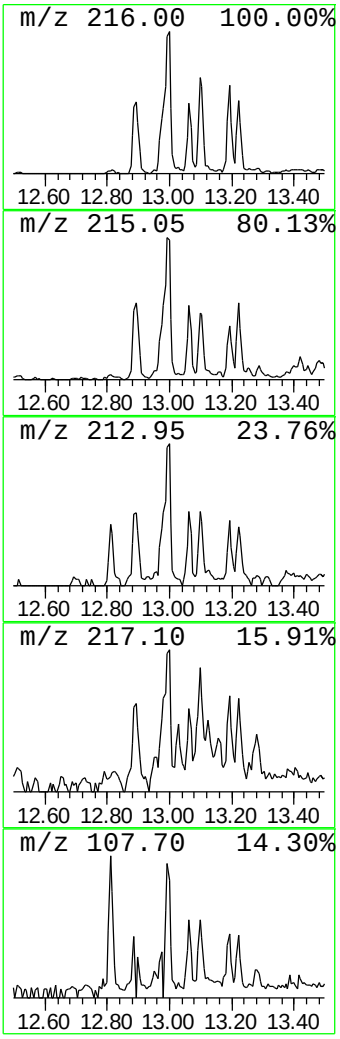
****

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	2.45 ng	204388	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113082.D
Acq On : 15 Mar 2019 22:59
Operator : JU/SJ
Sample : K1901-10 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-16(7-8)

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

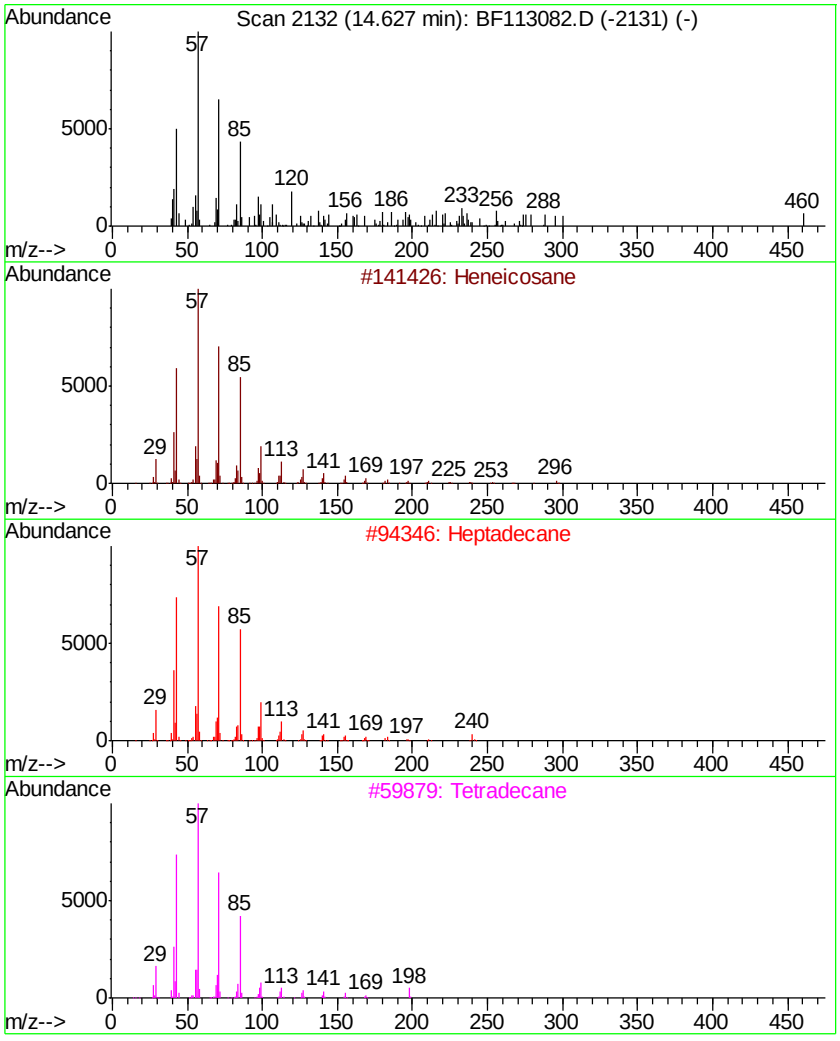
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

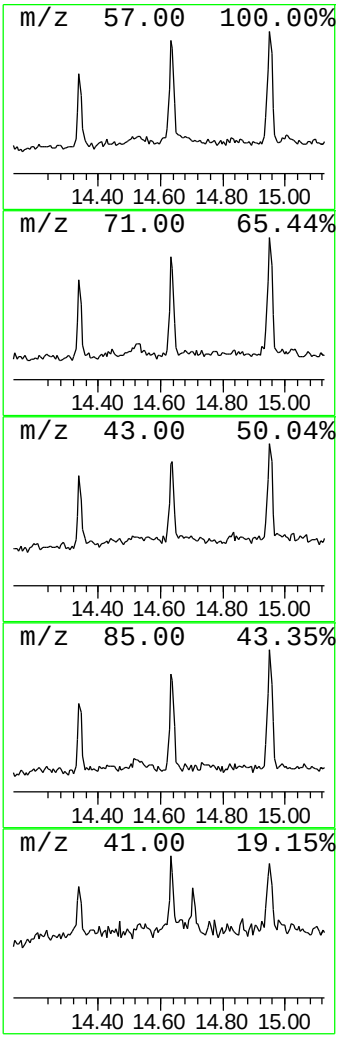
****

Peak Number 6 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	2.05 ng	116918	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	68
2	Heptadecane	240	C17H36	000629-78-7	64
3	Tetradecane	198	C14H30	000629-59-4	64
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	58
5	Nonadecane	268	C19H40	000629-92-5	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113082.D
Acq On : 15 Mar 2019 22:59
Operator : JU/SJ
Sample : K1901-10 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-16(7-8)

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

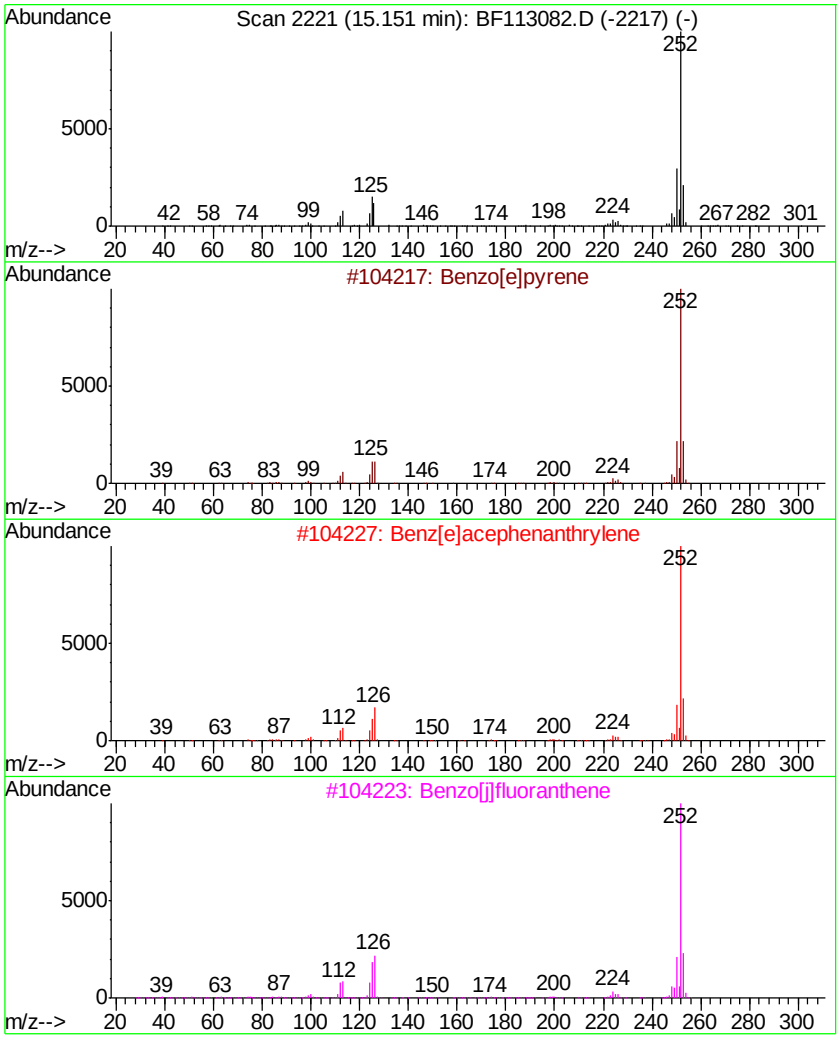
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

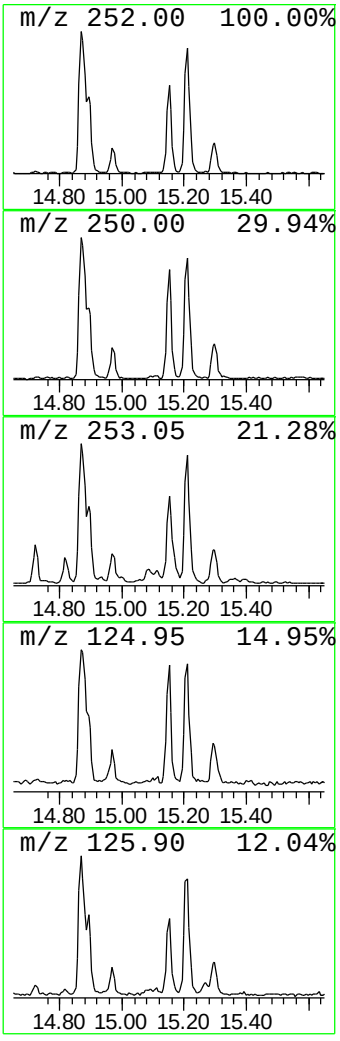
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	5.33 ng	304328	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
Data File : BF113082.D
Acq On : 15 Mar 2019 22:59
Operator : JU/SJ
Sample : K1901-10 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-16(7-8)

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	14.5	ng	508543	1	6.73	699826	20.0
Phenanthrene, 1-m...	11.77	2.4	ng	155728	4	11.23	1291640	20.0
4H-Cyclopenta[def...	11.85	2.7	ng	176836	4	11.23	1291640	20.0
Pyrene, 1-methyl-	13.00	2.5	ng	204388	5	13.86	1666580	20.0
Heneicosane	14.63	2.0	ng	116918	6	15.27	1141900	20.0
Benzo[e]pyrene	15.15	5.3	ng	304328	6	15.27	1141900	20.0