LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
Data File : BF115133.D
Acq On : 22 Jun 2019 20:50
Operator : HP/JU
Sample : K3158-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-062019

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-BF062119.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	3.484	254	263	271	rVB	62583	107671	1.37%	0.111%
2	5.201	550	555	558	rBV	2770414	2531504	32.26%	2.611%
3	6.242	727	732	735	rBV	3111947	2664627	33.95%	2.749%
4	6.378	750	755	758	rBV	3002349	2821584	35.95%	2.910%
5	6.613	791	795	798	rBV	5172368	4315894	54.99%	4.452%
6	6.766	817	821	824	rBV	2720616	2135610	27.21%	2.203%
7	7.166	885	889	892	rBV	1919087	1692712	21.57%	1.746%
8	7.895	1008	1013	1016	rBV	6093298	5574760	71.04%	5.750%
9	8.966	1191	1195	1198	rBV	3608451	2908533	37.06%	3.000%
10	9.301	1248	1252	1254	rBV	85279	82417	1.05%	0.085%
11	9.360	1259	1262	1266	rBV	512709	429385	5.47%	0.443%
12	9.495	1282	1285	1288	rBV	598048	468692	5.97%	0.483%
13	9.642	1305	1310	1313	rBV	6509636	6239942	79.51%	6.436%
14	9.842	1339	1344	1348	rBV2	98513	121739	1.55%	0.126%
15	9.954	1359	1363	1366	rBV2	103345	147925	1.88%	0.153%
16	10.042	1374	1378	1380	rBV3	47434	79629	1.01%	0.082%
17	10.083	1383	1385	1389	rVB2	134613	119808	1.53%	0.124%
18	10.148	1389	1396	1398	rBV3	123508	142720	1.82%	0.147%
19	10.177	1398	1401	1408	rVB2	145840	199393	2.54%	0.206%
20	10.413	1437	1441	1446	rBV	2101697	1779859	22.68%	1.836%
21	10.548	1459	1464	1468	rBV4	96395	165166	2.10%	0.170%
22	10.724	1489	1494	1497	rBV4	92227	152467	1.94%	0.157%
23	11.007	1539	1542	1545	rVB2	93284	100438	1.28%	0.104%
24	11.113	1555	1560	1562	rBV	6231648	6085398	77.54%	6.277%
25	11.130	1562	1563	1566	rVV	1268285	789017	10.05%	0.814%
26	11.183	1566	1572	1574	rVV	407215	394439	5.03%	0.407%
27	11.224	1574	1579	1581	rVV2	110251	132811	1.69%	0.137%
28	11.436	1612	1615	1618	rVB	219079	191138	2.44%	0.197%
29	11.519	1627	1629	1633	rVB	105919	102178	1.30%	0.105%
30	11.607	1641	1644	1646	rBV	514442	415751	5.30%	0.429%
31	11.636	1646	1649	1651	rVV	632178	528064	6.73%	0.545%
32	11.660	1651	1653	1654	rVV	192885	148297	1.89%	0.153%
33	11.677	1654	1656	1659	rVV	266841	256280	3.27%	0.264%
34	11.713	1659	1662	1665	rVV	900121	942496	12.01%	0.972%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3158-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-062019

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-BF062119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.736	1665	1666	1669	rVB	426086	310668	3.96%	0.320%
36	11.842	1681	1684	1687	rVB2	175630	148063	1.89%	0.153%
37	11.901	1692	1694	1702	rVB4	289665	410037	5.22%	0.423%
38	12.007	1705	1712	1714	rBV3	76599	175802	2.24%	0.181%
39	12.030	1714	1716	1717	rBV	124321	94758	1.21%	0.098%
40	12.054	1717	1720	1722	rVB	146608	130285	1.66%	0.134%
41	12.083	1722	1725	1727	rBV	262447	212038	2.70%	0.219%
42	12.107	1727	1729	1731	rVB	212266	154848	1.97%	0.160%
43	12.154	1733	1737	1740	rBV	694360	747548	9.53%	0.771%
44	12.189	1740	1743	1745	rBV	384619	363546	4.63%	0.375%
45	12.213	1745	1747	1748	rVV	131040	81454	1.04%	0.084%
46	12.230	1748	1750	1756	rVB4	347324	522950	6.66%	0.539%
47	12.313	1760	1764	1767	rBV	4196301	3549492	45.23%	3.661%
48	12.366	1770	1773	1777	rBV2	199330	269293	3.43%	0.278%
49	12.401	1777	1779	1783	rVB	284125	232743	2.97%	0.240%
50	12.442	1783	1786	1787	rBV2	220466	216570	2.76%	0.223%
51	12.536	1797	1802	1805	rBV	3870582	4281362	54.55%	4.416%
52	12.566	1805	1807	1809	rVV2	198216	199471	2.54%	0.206%
53	12.601	1811	1813	1817	rVB2	337112	335305	4.27%	0.346%
54	12.654	1820	1822	1825	rBV	261267	243876	3.11%	0.252%
55	12.689	1825	1828	1834	rVB	2852242	2534199	32.29%	2.614%
56	12.760	1834	1840	1843	rBV3	522388	732825	9.34%	0.756%
57	12.813	1847	1849	1851	rBV2	83729	86019	1.10%	0.089%
58	12.842	1851	1854	1855	rBV2	420366	410988	5.24%	0.424%
59	12.866	1855	1858	1861	rVB	841966	859519	10.95%	0.887%
60	12.907	1862	1865	1866	rBV2	109931	98531	1.26%	0.102%
61	12.930	1866	1869	1872	rBV2	530038	431763	5.50%	0.445%
62	12.965	1872	1875	1878	rBV	800041	652104	8.31%	0.673%
63	13.024	1883	1885	1888	rBV3	149949	171759	2.19%	0.177%
64	13.060	1888	1891	1893	rVV	546343	459024	5.85%	0.473%
65	13.089	1893	1896	1900	rVB	522763	459281	5.85%	0.474%
66	13.242	1919	1922	1924	rBV3	135493	188491	2.40%	0.194%
67	13.360	1940	1942	1948	rVB	397103	540914	6.89%	0.558%
68	13.430	1952	1954	1957	rVB	155863	121533	1.55%	0.125%
69	13.477	1958	1962	1965	rBV2	564250	734295	9.36%	0.757%
70	13.507	1965	1967	1969	rVV	455891	384573	4.90%	0.397%
71	13.524	1969	1970	1972	rVV	401425	293970	3.75%	0.303%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3158-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-062019

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-BF062119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.571	1975	1978	1982	rVB2	319047	373923	4.76%	0.386%
73	13.613	1982	1985	1989	rBV4	250625	363019	4.63%	0.374%
74	13.730	1999	2005	2008	rBV2	4992782	7847798	100.00%	8.095%
75	13.760	2008	2010	2016	rVB	2701650	2258962	28.78%	2.330%
76	13.830	2017	2022	2025	rBV2	543492	632277	8.06%	0.652%
77	13.865	2025	2028	2030	rBV	312676	249864	3.18%	0.258%
78	13.936	2038	2040	2044	rVB2	223778	211348	2.69%	0.218%
79	14.077	2062	2064	2066	rBV	219754	220850	2.81%	0.228%
80	14.112	2066	2070	2073	rVV	835236	794879	10.13%	0.820%
81	14.148	2073	2076	2079	rVB	398613	372899	4.75%	0.385%
82	14.207	2083	2086	2088	rVB	345067	287426	3.66%	0.296%
83	14.236	2088	2091	2093	rBV2	535263	594879	7.58%	0.614%
84	14.407	2118	2120	2123	rBV3	175677	242149	3.09%	0.250%
85	14.530	2138	2141	2144	rVB3	220557	254899	3.25%	0.263%
86	14.724	2169	2174	2177	rBV	2537237	4009043	51.08%	4.135%
87	14.818	2187	2190	2192	rBV	498480	488236	6.22%	0.504%
88	14.989	2215	2219	2224	rVB	1454490	1722147	21.94%	1.776%
89	15.042	2224	2228	2231	rBV	2298753	2433427	31.01%	2.510%
90	15.101	2233	2238	2241	rBV	3148204	4127966	52.60%	4.258%
91	16.365	2448	2453	2460	rVB2	873476	1577281	20.10%	1.627%
92	16.742	2513	2517	2525	rVB	630560	1076634	13.72%	1.111%

Sum of corrected areas: 96948147

LSC Report - Integrated Chromatogram

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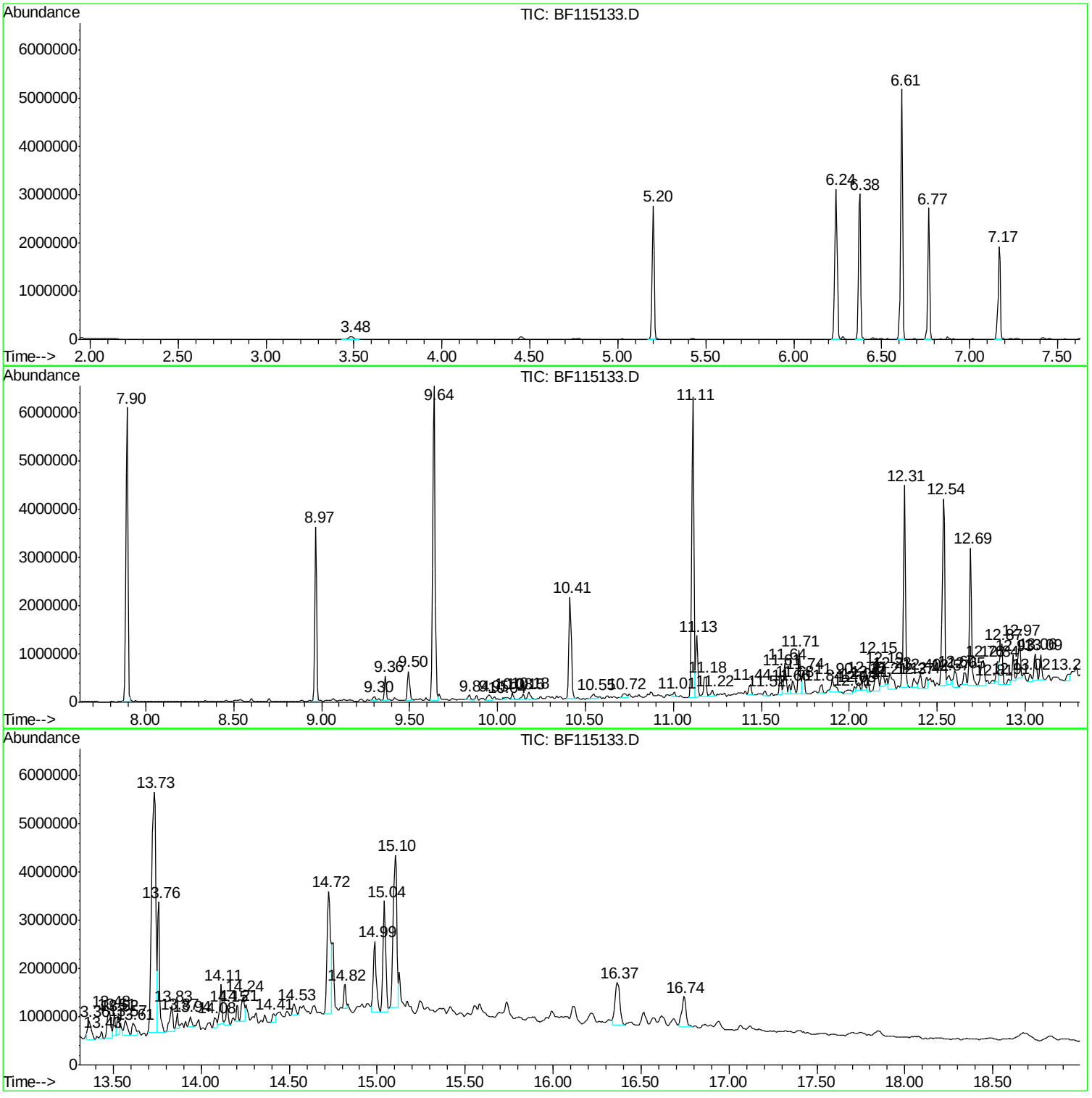
Data File : BF115133.D
Acq On : 22 Jun 2019 20:50
Operator : HP/JU
Sample : K3158-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-062019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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\BF062219\
Data File : BF115133.D
Acq On : 22 Jun 2019 20:50
Operator : HP/JU
Sample : K3158-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-062019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

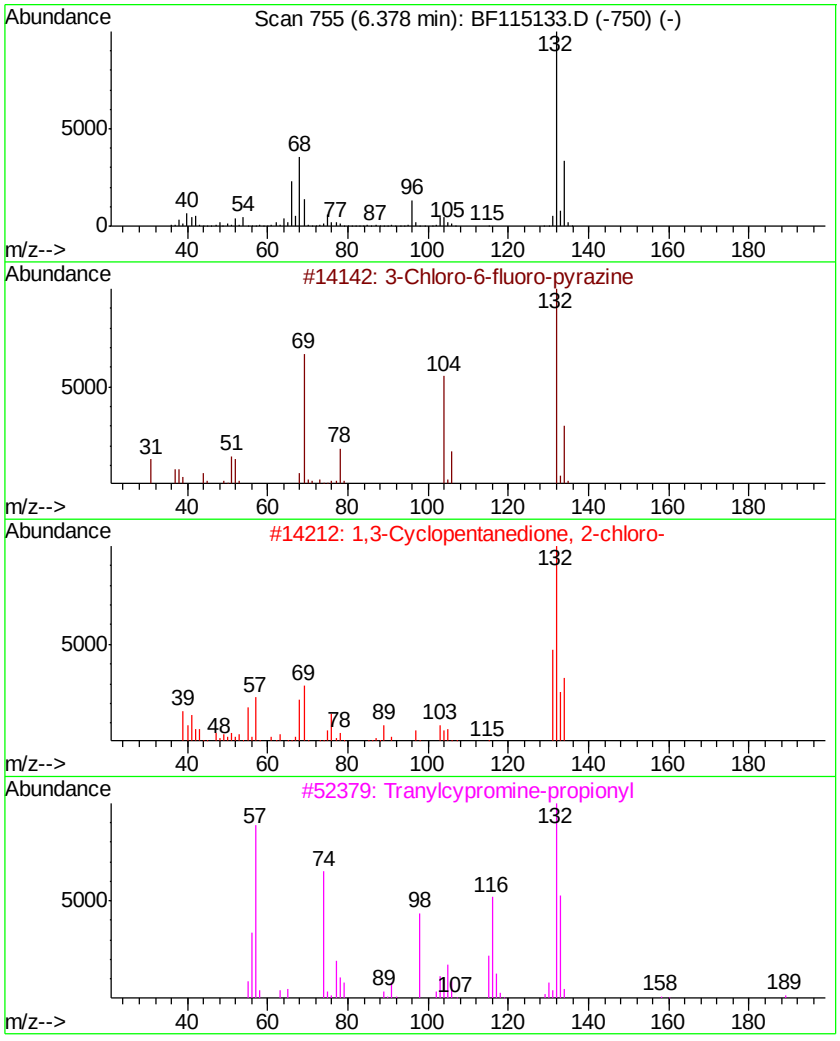
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

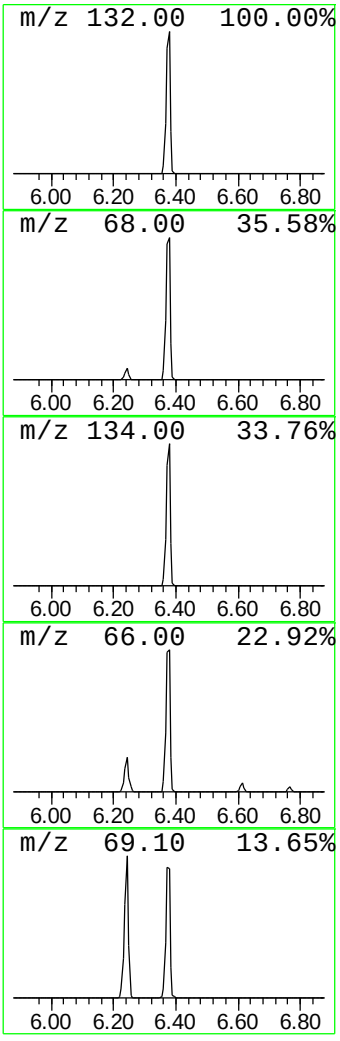
****

Peak Number 1 unknown6.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	13.08 ng	2821580	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
Data File : BF115133.D
Acq On : 22 Jun 2019 20:50
Operator : HP/JU
Sample : K3158-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-062019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

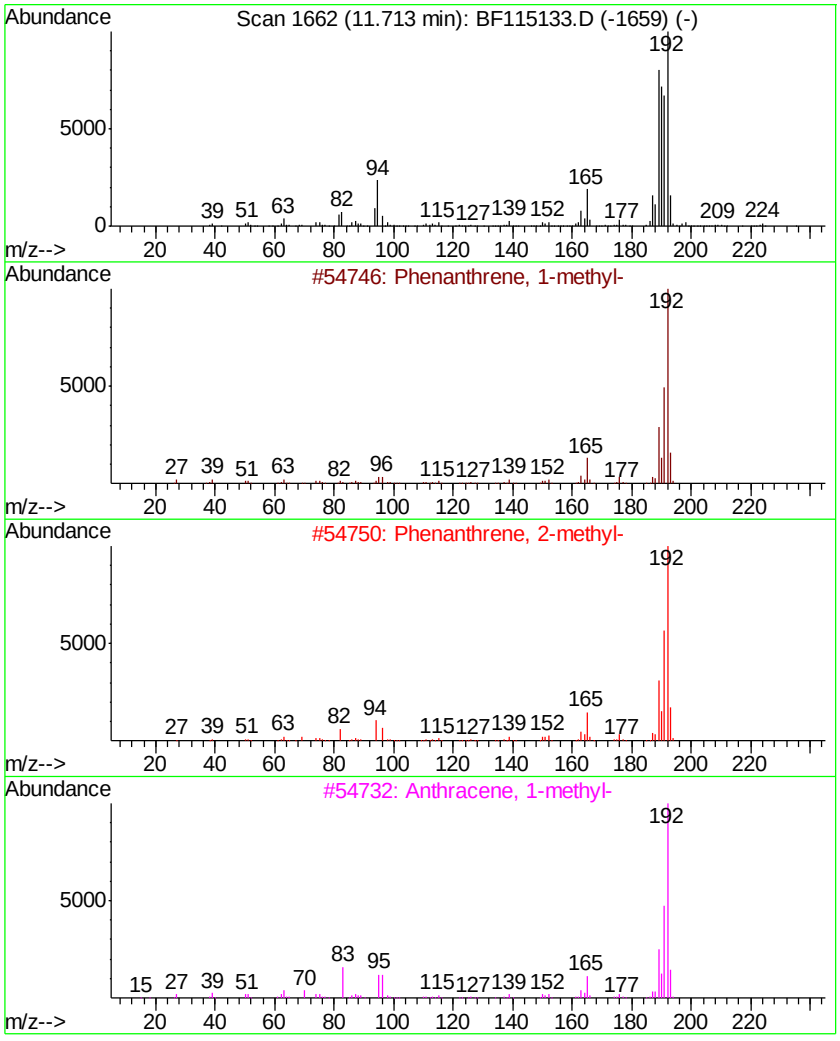
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

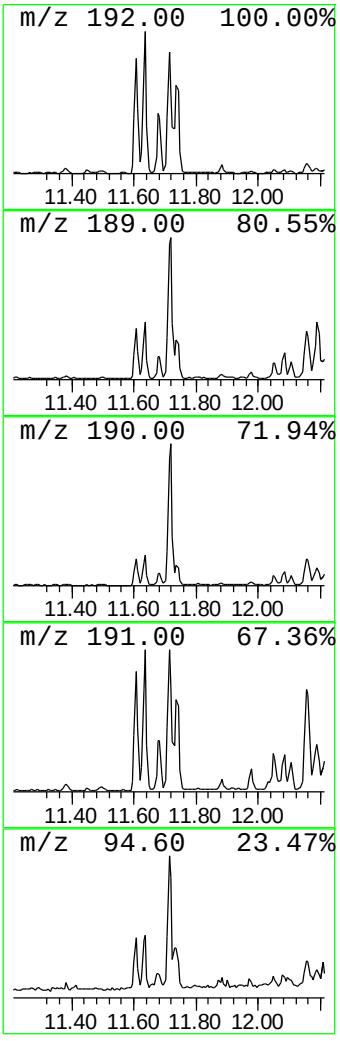
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	3.10 ng	942496	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	55
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	50
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	50





Library Search Compound Report

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Data File : BF115133.D
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Instrument : BNA_F
ClientSampleId : OK-03-062019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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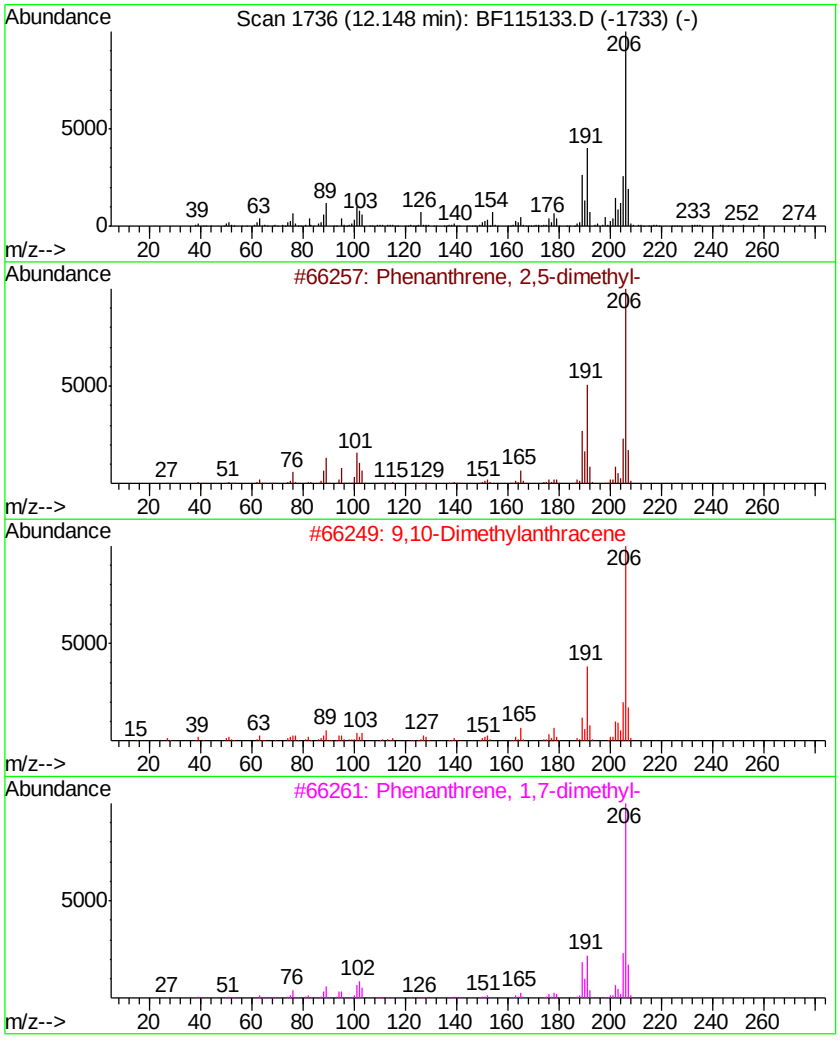
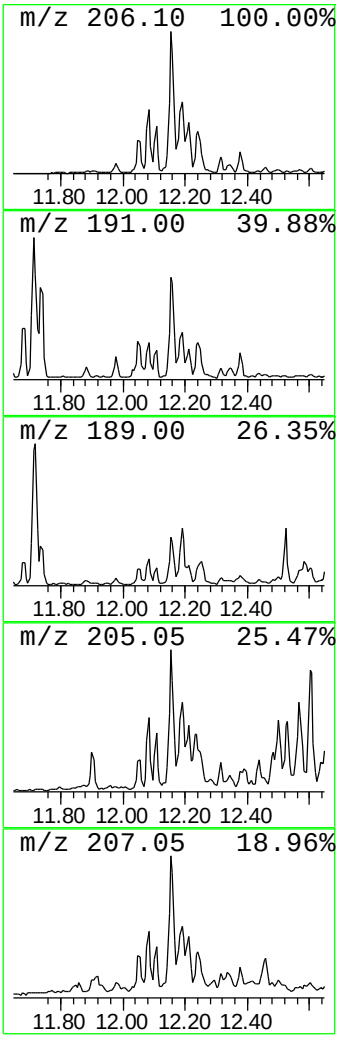
Peak Number 4 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	2.46 ng	747548	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : OK-03-062019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

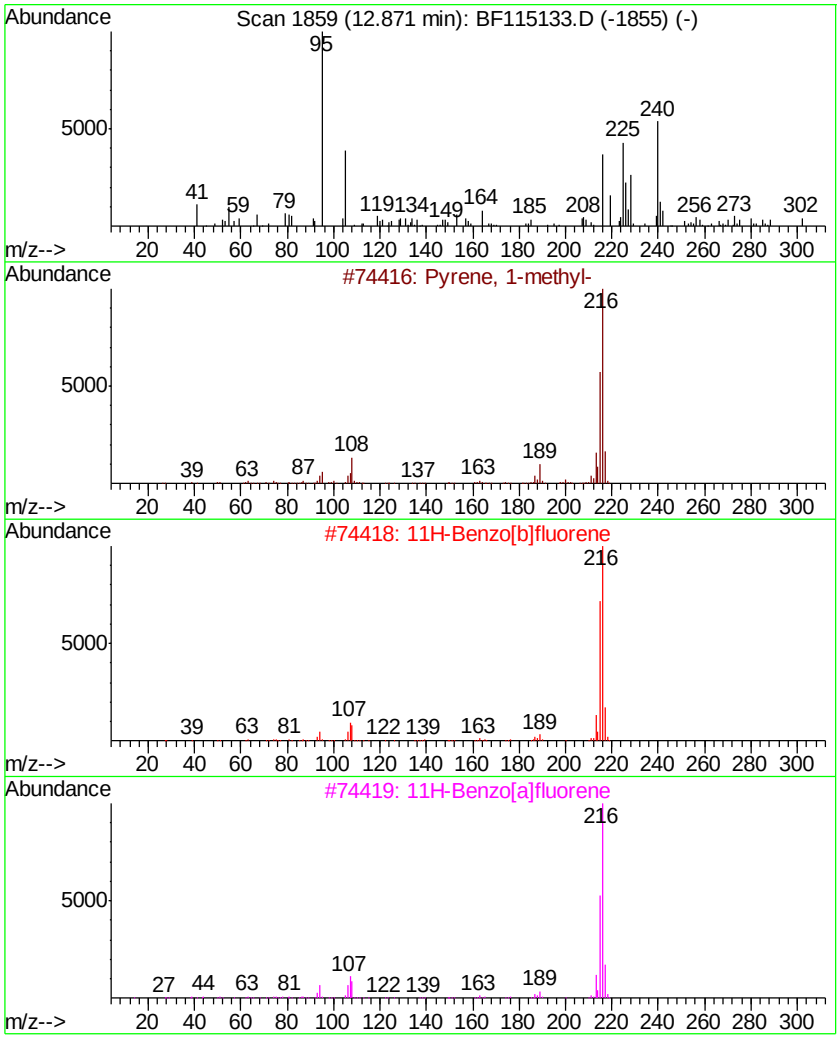
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

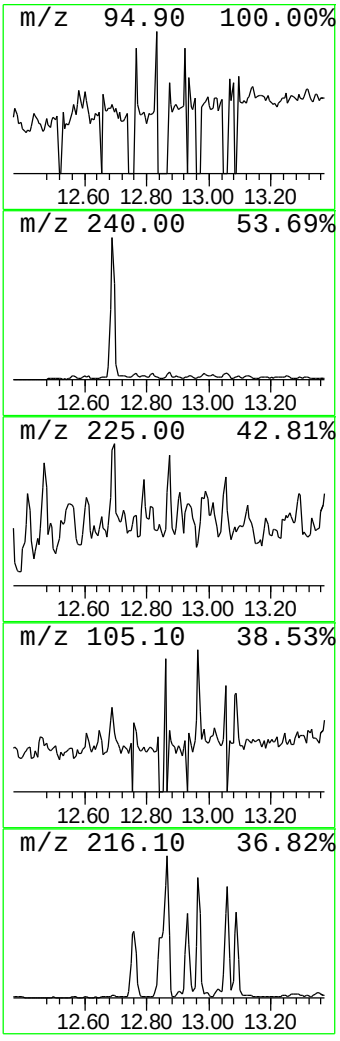
****

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	2.19 ng	859519	Chrysene-d12	13.74

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	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





Library Search Compound Report

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Data File : BF115133.D
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-062019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

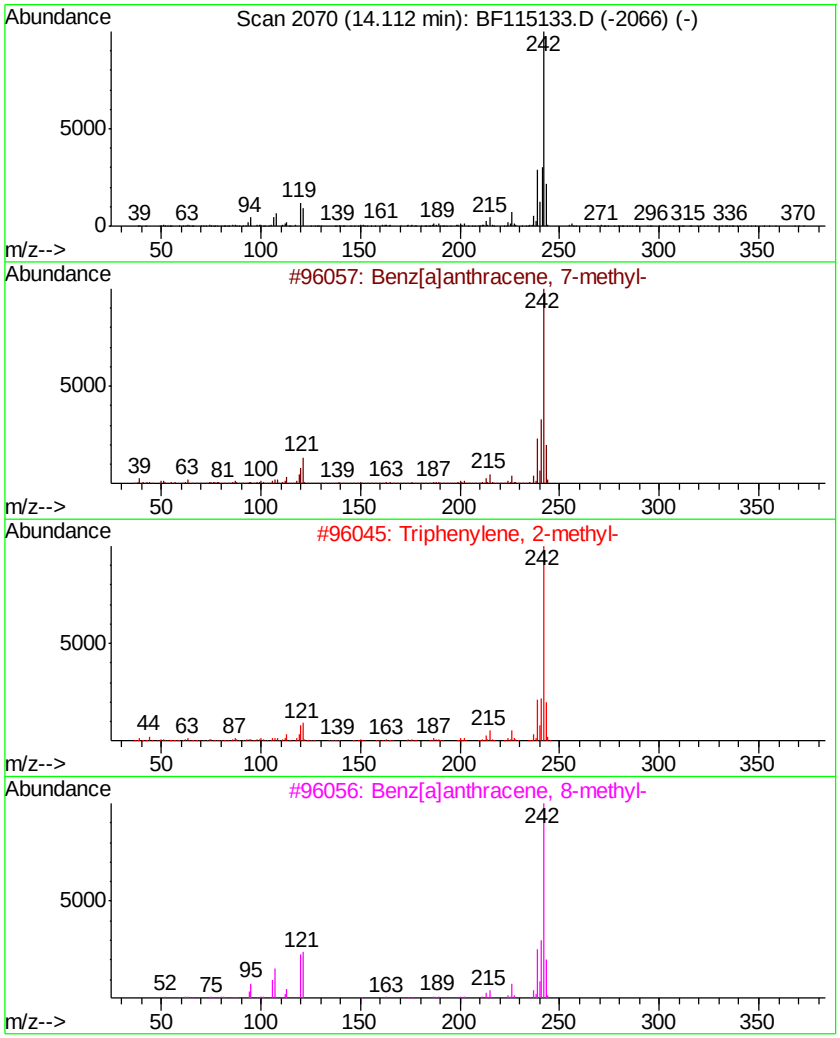
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

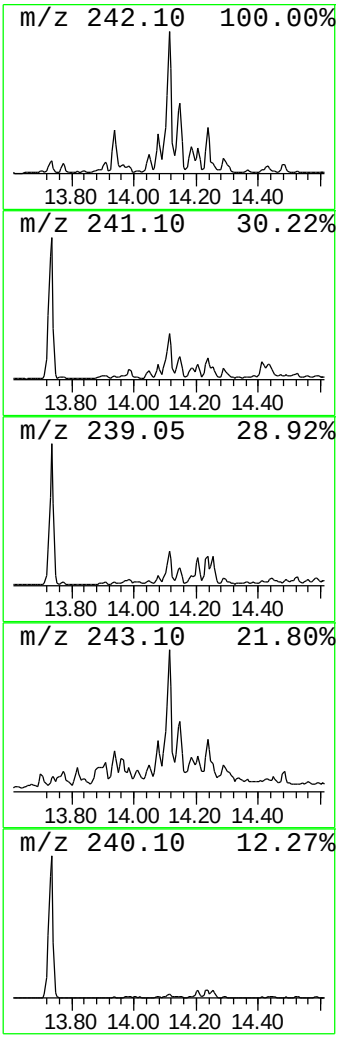
****

Peak Number 6 Benz[a]anthracene, 7-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	2.03 ng	794879	Chrysene-d12	13.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
4	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	89
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
Data File : BF115133.D
Acq On : 22 Jun 2019 20:50
Operator : HP/JU
Sample : K3158-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-062019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

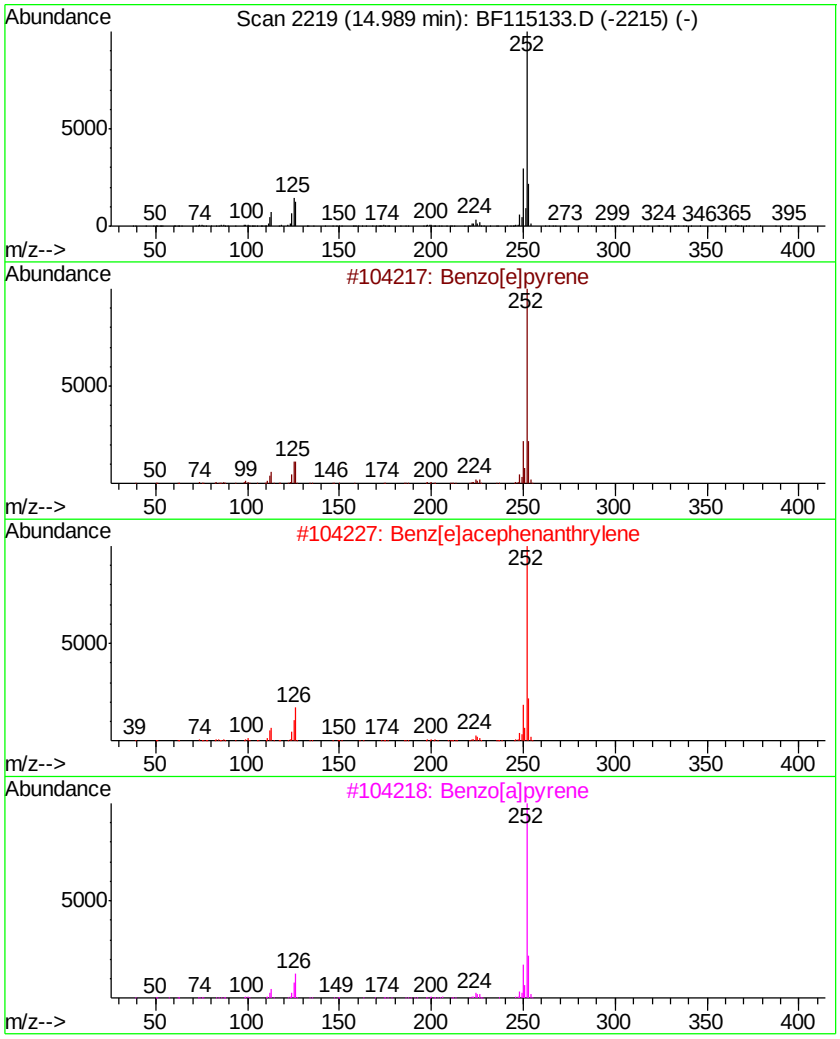
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

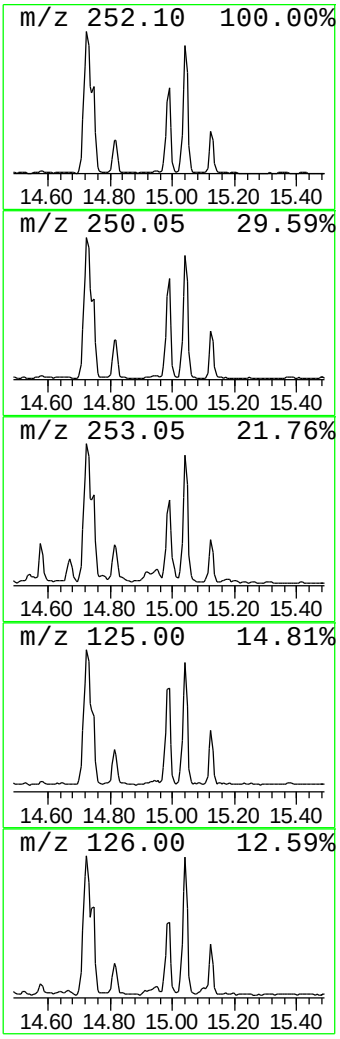
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	8.34 ng	1722150	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062219\
Data File : BF115133.D
Acq On : 22 Jun 2019 20:50
Operator : HP/JU
Sample : K3158-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-062019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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
unknown6.38	6.38	13.1	ng	2821580	1	6.61	4315890	20.0
Phenanthrene, 1-m...	11.71	3.1	ng	942496	4	11.11	6085400	20.0
Phenanthrene, 2,5...	12.15	2.5	ng	747548	4	11.11	6085400	20.0
Pyrene, 1-methyl-	12.87	2.2	ng	859519	5	13.74	7847800	20.0
Benz[a]anthracene...	14.11	2.0	ng	794879	5	13.74	7847800	20.0
Benzo[e]pyrene	14.99	8.3	ng	1722150	6	15.10	4127970	20.0