LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108398.D
Acq On : 22 Aug 2018 22:06
Operator : JU/SJ
Sample : J4573-07 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T26-COMP

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-BF080818.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	5.231	488	492	496	rBV	25047	24728	1.93%	0.152%
2	5.619	554	558	569	rVB	652889	574815	44.92%	3.526%
3	6.613	723	727	739	rBV	750381	668031	52.21%	4.098%
4	6.766	749	753	757	rBV	806707	646836	50.55%	3.968%
5	7.001	789	793	796	rBV	1173992	942436	73.65%	5.781%
6	7.154	815	819	823	rBV	578965	477213	37.30%	2.927%
7	7.560	884	888	896	rBV	437385	400800	31.32%	2.459%
8	8.283	1007	1011	1014	rBV	1415307	1215963	95.03%	7.459%
9	9.001	1130	1133	1140	rBV	22028	21037	1.64%	0.129%
10	9.095	1146	1149	1155	rBV	23181	21349	1.67%	0.131%
11	9.354	1190	1193	1202	rVB	837281	668011	52.21%	4.098%
12	9.701	1248	1252	1254	rBV	21074	20979	1.64%	0.129%
13	9.748	1257	1260	1267	rVB	105396	86248	6.74%	0.529%
14	9.907	1283	1287	1291	rBV2	16559	16360	1.28%	0.100%
15	10.048	1307	1311	1314	rBV	1515238	1279537	100.00%	7.849%
16	10.077	1314	1316	1319	rVB	123728	91838	7.18%	0.563%
17	10.248	1341	1345	1348	rBV2	49031	50579	3.95%	0.310%
18	10.454	1375	1380	1385	rVB2	19549	19607	1.53%	0.120%
19	10.595	1401	1404	1410	rVB	79257	70925	5.54%	0.435%
20	10.748	1428	1430	1437	rVB	25461	25542	2.00%	0.157%
21	10.836	1441	1445	1451	rBV	323394	303322	23.71%	1.861%
22	10.930	1458	1461	1465	rBV3	15431	24362	1.90%	0.149%
23	11.142	1490	1497	1500	rBV4	23632	37402	2.92%	0.229%
24	11.230	1505	1512	1514	rVB6	11819	17538	1.37%	0.108%
25	11.271	1514	1519	1521	rBV3	17019	24576	1.92%	0.151%
26	11.295	1521	1523	1528	rVB2	16320	16820	1.31%	0.103%
27	11.342	1528	1531	1535	rVB2	24354	21716	1.70%	0.133%
28	11.377	1535	1537	1539	rBV2	27333	26660	2.08%	0.164%
29	11.436	1545	1547	1551	rVB	45236	35996	2.81%	0.221%
30	11.542	1561	1565	1567	rBV	1322680	1115748	87.20%	6.845%
31	11.566	1567	1569	1573	rVV	762680	568702	44.45%	3.489%
32	11.619	1573	1578	1581	rVV	116527	111408	8.71%	0.683%
33	11.654	1581	1584	1586	rVB	16482	16987	1.33%	0.104%
34	11.771	1600	1604	1608	rBV2	44047	58605	4.58%	0.360%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108398.D
Acq On : 22 Aug 2018 22:06
Operator : JU/SJ
Sample : J4573-07 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T26-COMP

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-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.830	1612	1614	1618	rVV	17296	17248	1.35%	0.106%
36	11.871	1618	1621	1626	rVB5	14213	18212	1.42%	0.112%
37	12.042	1645	1650	1653	rBV	81384	78653	6.15%	0.482%
38	12.071	1653	1655	1659	rVB	110082	88458	6.91%	0.543%
39	12.118	1659	1663	1666	rBV	43751	40425	3.16%	0.248%
40	12.160	1666	1670	1672	rBV2	112570	128284	10.03%	0.787%
41	12.218	1677	1680	1683	rBV4	13900	16257	1.27%	0.100%
42	12.336	1697	1700	1703	rBV	62980	50961	3.98%	0.313%
43	12.366	1703	1705	1708	rBV	28191	21162	1.65%	0.130%
44	12.489	1721	1726	1728	rBV2	25770	26013	2.03%	0.160%
45	12.595	1740	1744	1747	rBV2	48521	61243	4.79%	0.376%
46	12.630	1747	1750	1752	rVV2	25643	33029	2.58%	0.203%
47	12.683	1756	1759	1763	rVB3	26125	30235	2.36%	0.185%
48	12.760	1768	1772	1776	rBV	795255	667413	52.16%	4.094%
49	12.824	1780	1783	1785	rVB2	19901	18554	1.45%	0.114%
50	12.889	1790	1794	1796	rBV4	13694	22301	1.74%	0.137%
51	12.913	1796	1798	1800	rBV	20099	16782	1.31%	0.103%
52	12.971	1805	1808	1809	rBV	139482	122338	9.56%	0.750%
53	12.995	1809	1812	1817	rVB	628956	573380	44.81%	3.517%
54	13.036	1817	1819	1823	rVB2	36790	42414	3.31%	0.260%
55	13.124	1827	1834	1837	rBV	543249	488968	38.21%	3.000%
56	13.148	1837	1838	1842	rVB	37329	29529	2.31%	0.181%
57	13.201	1843	1847	1852	rBV3	43762	79142	6.19%	0.485%
58	13.289	1859	1862	1863	rBV	30270	27742	2.17%	0.170%
59	13.318	1864	1867	1871	rVB	92402	91522	7.15%	0.561%
60	13.383	1876	1878	1881	rBV	65277	55645	4.35%	0.341%
61	13.424	1881	1885	1888	rBV2	62281	71337	5.58%	0.438%
62	13.518	1898	1901	1904	rBV	35698	32957	2.58%	0.202%
63	13.548	1904	1906	1910	rVB2	38653	32942	2.57%	0.202%
64	13.801	1946	1949	1951	rBV4	35147	38463	3.01%	0.236%
65	13.830	1951	1954	1958	rVB	36616	41762	3.26%	0.256%
66	13.942	1970	1973	1975	rBV	45556	46546	3.64%	0.286%
67	13.971	1975	1978	1980	rVV	43303	41226	3.22%	0.253%
68	14.001	1980	1983	1986	rVV2	39203	53610	4.19%	0.329%
69	14.195	2011	2016	2019	rBV2	1013234	1193701	93.29%	7.323%
70	14.218	2019	2020	2028	rVB	300117	225829	17.65%	1.385%
71	14.301	2032	2034	2036	rBV	60297	54397	4.25%	0.334%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108398.D
Acq On : 22 Aug 2018 22:06
Operator : JU/SJ
Sample : J4573-07 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T26-COMP

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-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.736	2106	2108	2111	rVB2	38307	32098	2.51%	0.197%
73	15.283	2197	2201	2204	rBV	224098	340462	26.61%	2.089%
74	15.401	2218	2221	2224	rBV	44078	54037	4.22%	0.331%
75	15.612	2254	2257	2264	rVB	138340	182776	14.28%	1.121%
76	15.683	2264	2269	2273	rBV	206787	264308	20.66%	1.621%
77	15.754	2275	2281	2284	rBV	535675	734581	57.41%	4.506%
78	17.359	2549	2554	2560	rBV2	72799	150808	11.79%	0.925%
79	17.848	2633	2637	2651	rVB2	62127	160805	12.57%	0.986%

Sum of corrected areas: 16301231

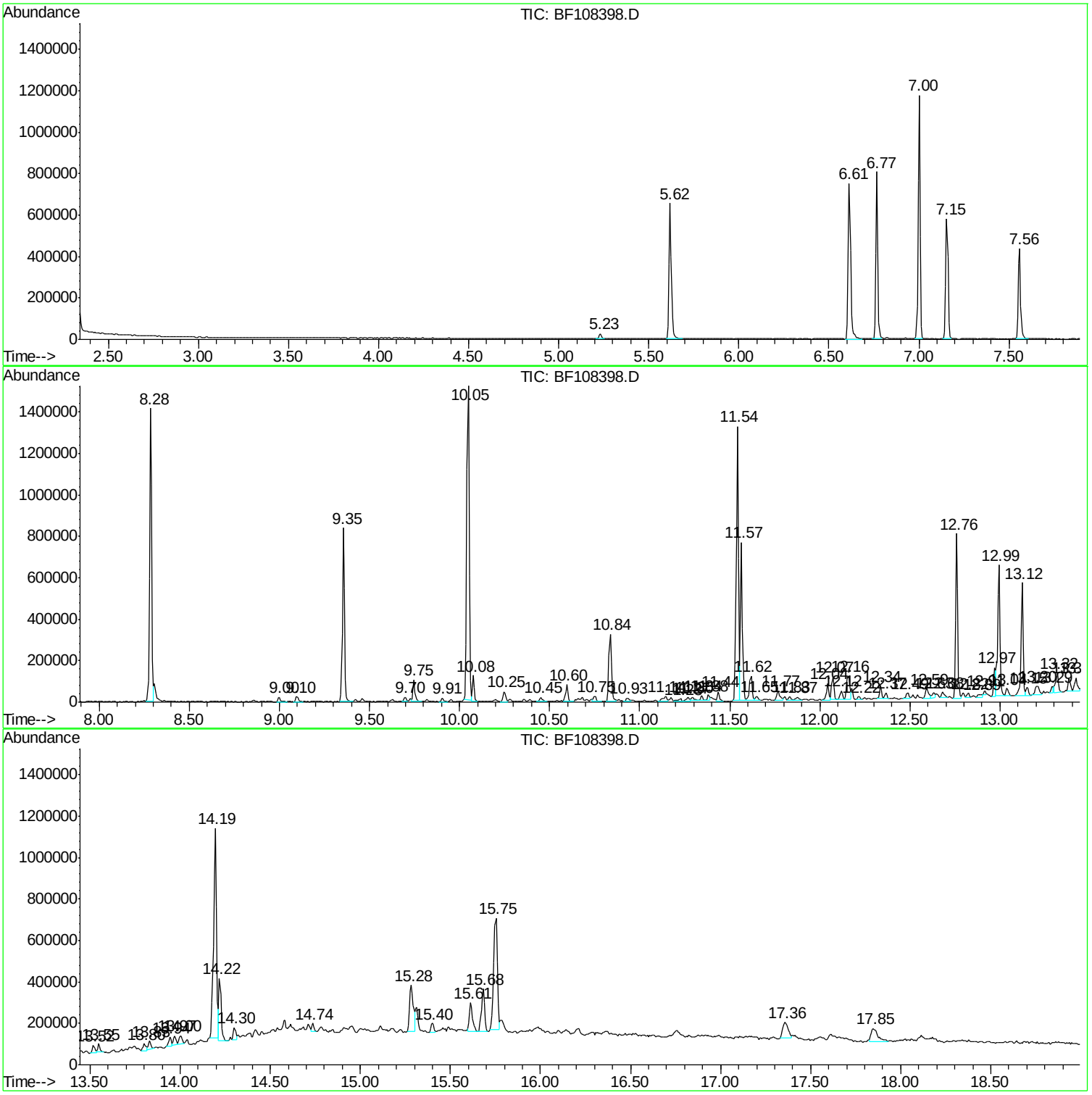
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108398.D
Acq On : 22 Aug 2018 22:06
Operator : JU/SJ
Sample : J4573-07 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T26-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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\BF082218\
Data File : BF108398.D
Acq On : 22 Aug 2018 22:06
Operator : JU/SJ
Sample : J4573-07 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T26-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

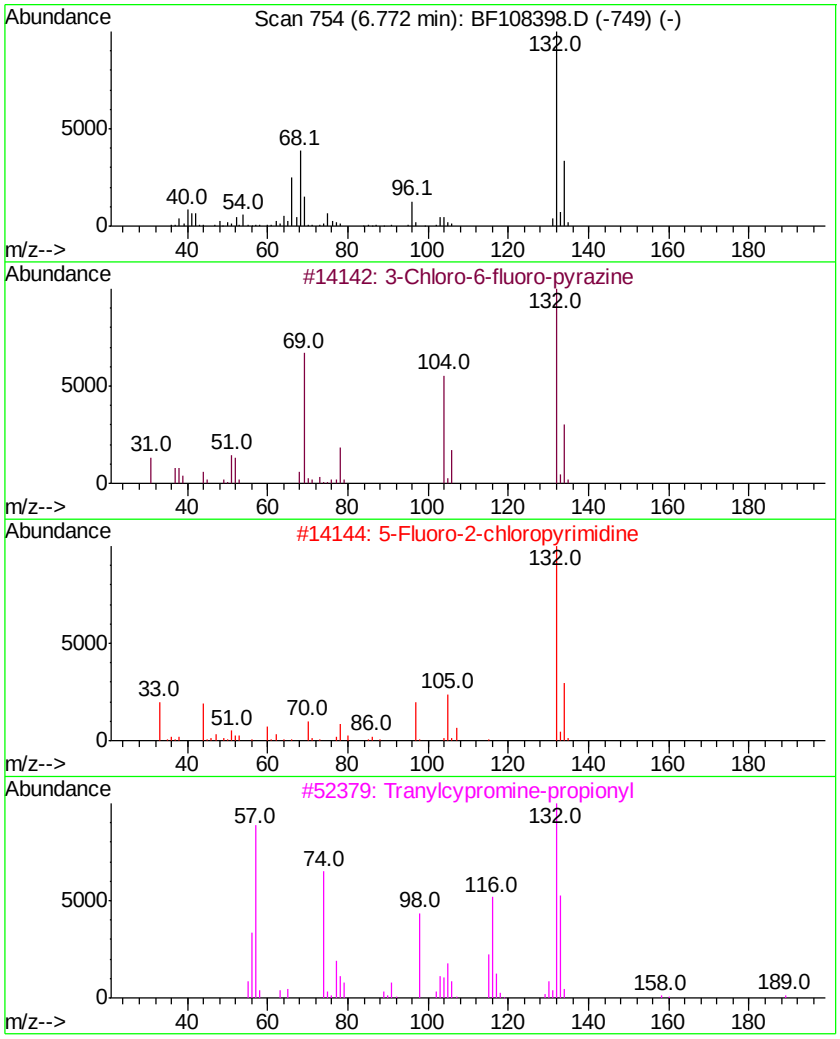
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

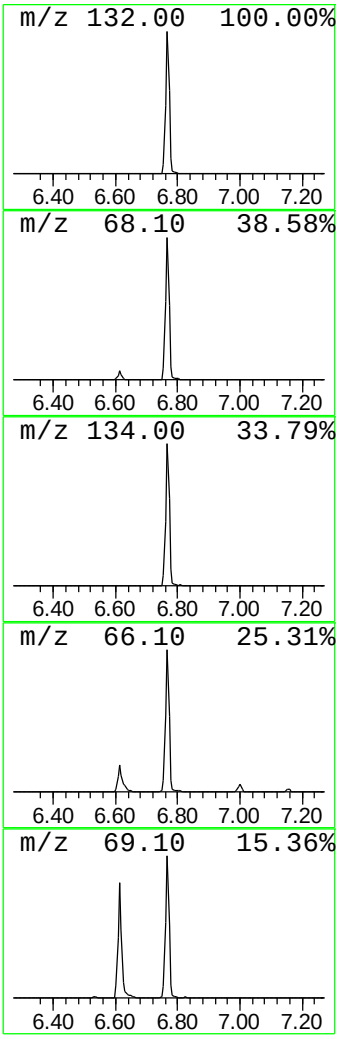
****

Peak Number 1 unknown6.77 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	13.73 ng	646836	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	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\BF082218\
Data File : BF108398.D
Acq On : 22 Aug 2018 22:06
Operator : JU/SJ
Sample : J4573-07 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T26-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

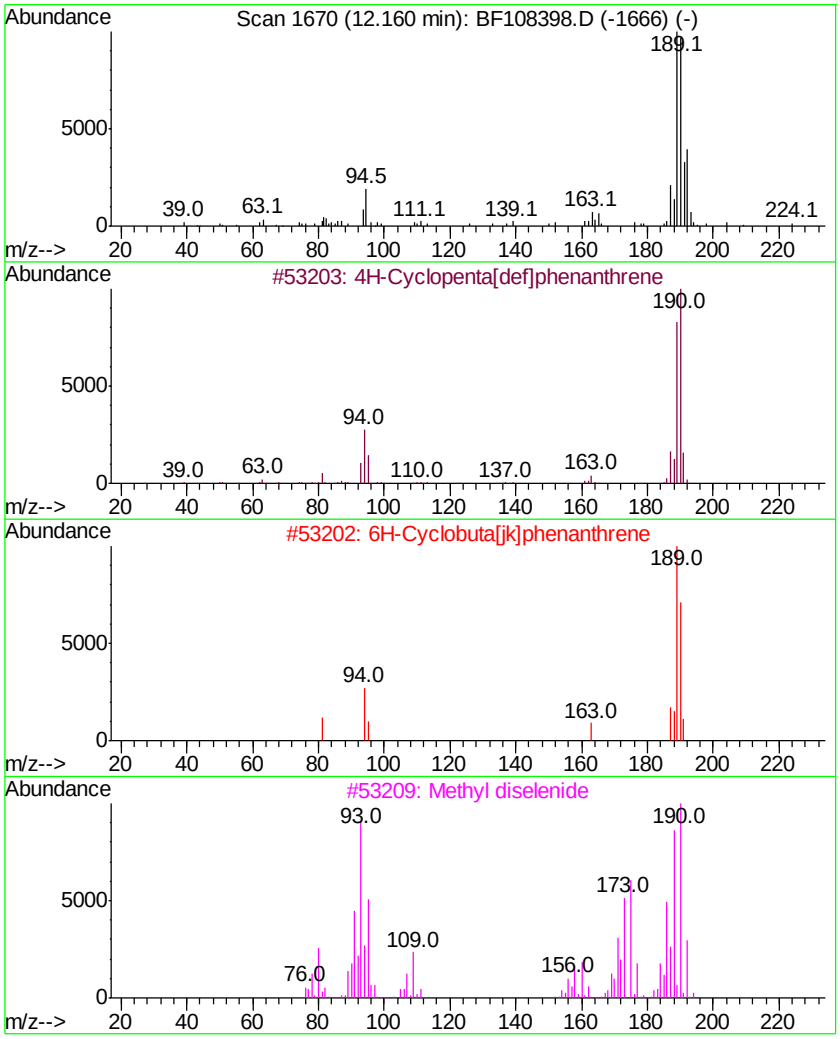
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

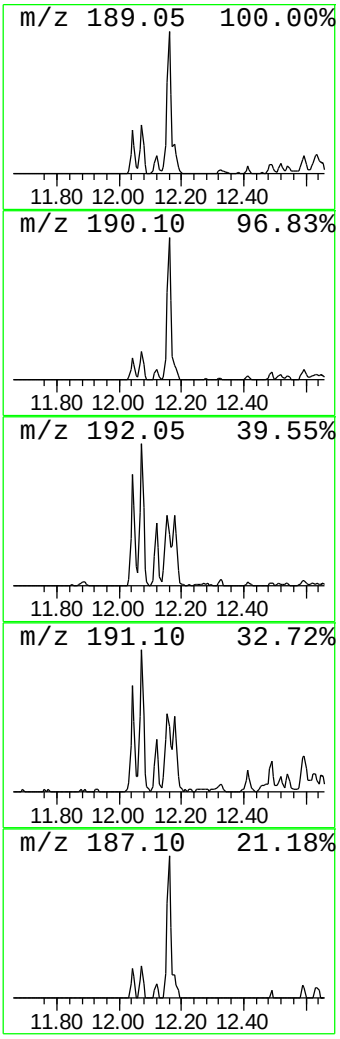
****

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	2.30 ng	128284	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	4-Isothiazolecarbonitrile, 5-chl...	190	C5H3ClN2S2	054798-93-5	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108398.D
Acq On : 22 Aug 2018 22:06
Operator : JU/SJ
Sample : J4573-07 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T26-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

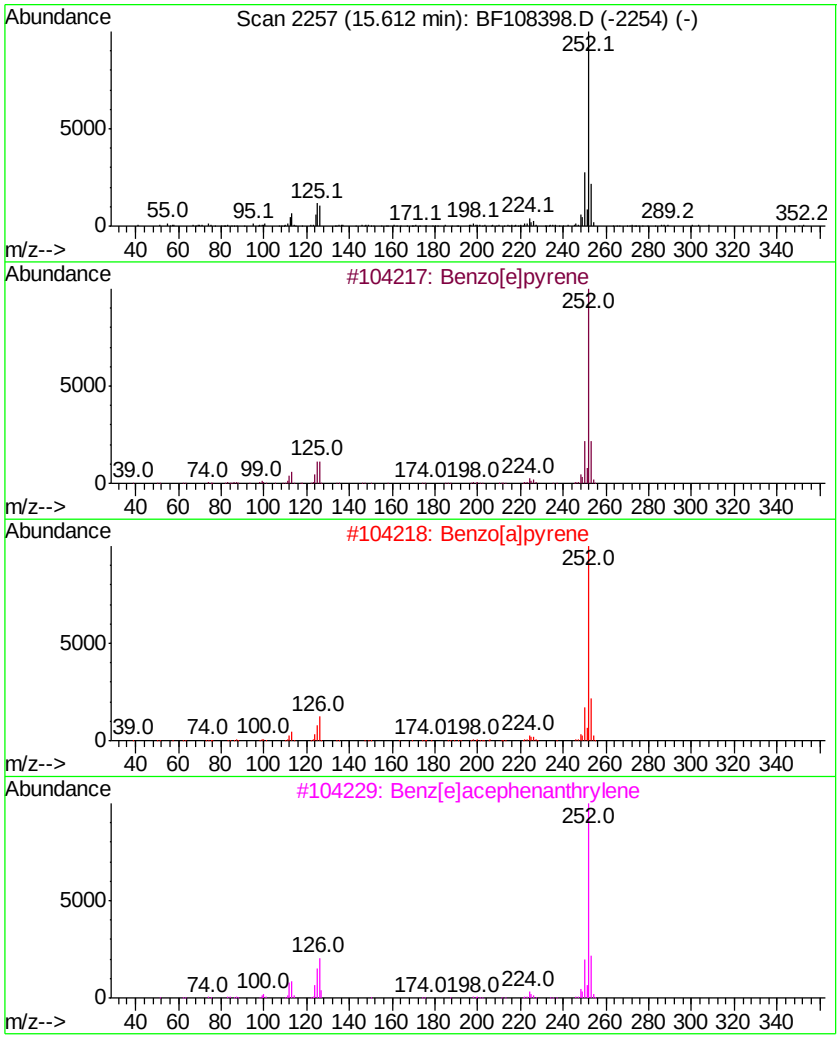
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

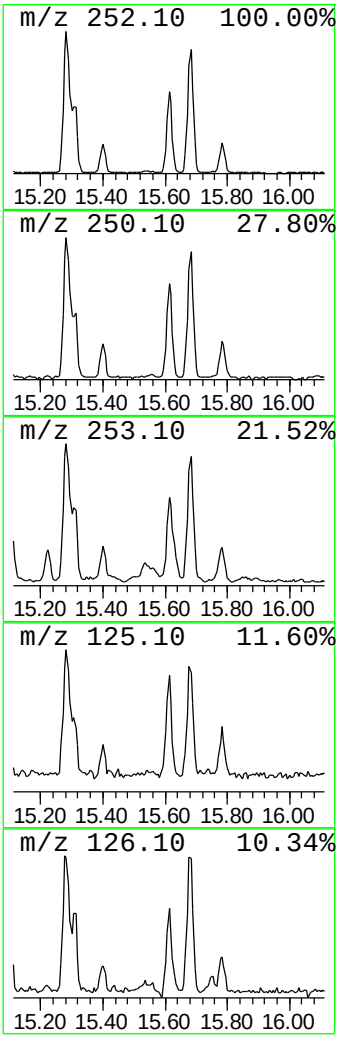
****

Peak Number 4 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	4.98 ng	182776	Perylene-d12	15.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
5	Perylene	252	C20H12	000198-55-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082218\
Data File : BF108398.D
Acq On : 22 Aug 2018 22:06
Operator : JU/SJ
Sample : J4573-07 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T26-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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
unknown6.77	6.77	13.7	ng	646836	1	7.00	942436	20.0
4H-Cyclopenta[def...	12.16	2.3	ng	128284	4	11.54	1115750	20.0
Benzo[e]pyrene	15.61	5.0	ng	182776	6	15.75	734581	20.0