LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111615.D
Acq On : 20 Dec 2018 2:47
Operator : JU/SJ
Sample : J6465-06 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB08_1.5-3.5

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-BF121918.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	2.169	11	14	18	rVB	32615	45246	2.58%	0.235%
2	5.098	508	512	520	rVB	52301	51687	2.95%	0.268%
3	5.504	577	581	585	rBV	981967	833955	47.57%	4.325%
4	6.510	748	752	759	rBV	1128127	934363	53.29%	4.845%
5	6.663	774	778	781	rBV	956423	881811	50.30%	4.573%
6	6.898	814	818	821	rBV	1427386	1195501	68.19%	6.199%
7	7.051	841	844	848	rVB	874483	686393	39.15%	3.559%
8	7.445	905	911	915	rBV	612229	491085	28.01%	2.547%
9	8.175	1032	1035	1039	rBV	1663029	1476065	84.19%	7.654%
10	9.251	1214	1218	1221	rVB	1262211	961323	54.83%	4.985%
11	9.339	1228	1233	1239	rBV4	22759	27128	1.55%	0.141%
12	9.639	1281	1284	1287	rBV	72908	60208	3.43%	0.312%
13	9.933	1330	1334	1337	rBV	1689107	1487469	84.84%	7.713%
14	9.963	1337	1339	1342	rVB	56050	41072	2.34%	0.213%
15	10.133	1365	1368	1371	rVB	34656	25163	1.44%	0.130%
16	10.475	1423	1426	1431	rBV	55465	45575	2.60%	0.236%
17	10.710	1463	1466	1470	rBV	590929	480851	27.43%	2.493%
18	10.839	1485	1488	1490	rBV2	23816	22327	1.27%	0.116%
19	11.216	1549	1552	1556	rVB	20704	22045	1.26%	0.114%
20	11.286	1560	1564	1566	rVV2	25723	28109	1.60%	0.146%
21	11.310	1566	1568	1573	rVB	31856	30625	1.75%	0.159%
22	11.416	1582	1586	1588	rBV	1509662	1398462	79.76%	7.252%
23	11.433	1588	1589	1593	rVV	536642	427762	24.40%	2.218%
24	11.486	1593	1598	1601	rVV	181089	152625	8.71%	0.791%
25	11.516	1601	1603	1610	rVB	41962	36776	2.10%	0.191%
26	11.633	1618	1623	1627	rBV2	107387	105372	6.01%	0.546%
27	11.710	1632	1636	1639	rBV5	20891	25509	1.45%	0.132%
28	11.916	1665	1671	1672	rBV	39919	46042	2.63%	0.239%
29	11.939	1672	1675	1679	rVB2	77459	75538	4.31%	0.392%
30	11.992	1679	1684	1686	rBV2	22488	25398	1.45%	0.132%
31	12.027	1686	1690	1692	rBV	95384	91475	5.22%	0.474%
32	12.116	1698	1705	1708	rBV9	26173	52572	3.00%	0.273%
33	12.210	1718	1721	1722	rBV	31630	28197	1.61%	0.146%
34	12.227	1722	1724	1727	rVB	38139	30606	1.75%	0.159%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
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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 >
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.463	1761	1764	1766	rBV3	17860	20139	1.15%	0.104%
36	12.504	1768	1771	1775	rVV5	21002	29429	1.68%	0.153%
37	12.545	1775	1778	1780	rVB	25596	24130	1.38%	0.125%
38	12.621	1788	1791	1795	rBV	945074	810765	46.24%	4.204%
39	12.680	1795	1801	1804	rVV3	25210	39052	2.23%	0.203%
40	12.774	1815	1817	1823	rVB3	31166	34576	1.97%	0.179%
41	12.851	1824	1830	1833	rBV	829039	822602	46.92%	4.266%
42	12.898	1836	1838	1843	rVB3	23294	29943	1.71%	0.155%
43	12.968	1848	1850	1851	rVV	36821	30204	1.72%	0.157%
44	12.992	1851	1854	1862	rVB	1101687	935556	53.36%	4.851%
45	13.127	1875	1877	1879	rBV3	28225	24552	1.40%	0.127%
46	13.180	1883	1886	1889	rVB	90942	97592	5.57%	0.506%
47	13.245	1894	1897	1900	rVV	75005	86738	4.95%	0.450%
48	13.280	1901	1903	1906	rVB2	46079	43217	2.46%	0.224%
49	13.886	2004	2006	2011	rVB4	69713	88214	5.03%	0.457%
50	14.045	2028	2033	2036	rBV2	1581143	1753274	100.00%	9.092%
51	14.068	2036	2037	2043	rVB	329773	277779	15.84%	1.440%
52	14.151	2049	2051	2054	rBV	103330	95045	5.42%	0.493%
53	15.086	2207	2210	2214	rBV	259802	432258	24.65%	2.241%
54	15.392	2260	2262	2268	rVB	207379	245410	14.00%	1.273%
55	15.457	2270	2273	2277	rVB	212273	230126	13.13%	1.193%
56	15.521	2280	2284	2288	rVV	684893	809432	46.17%	4.197%

Sum of corrected areas: 19284368

LSC Report - Integrated Chromatogram

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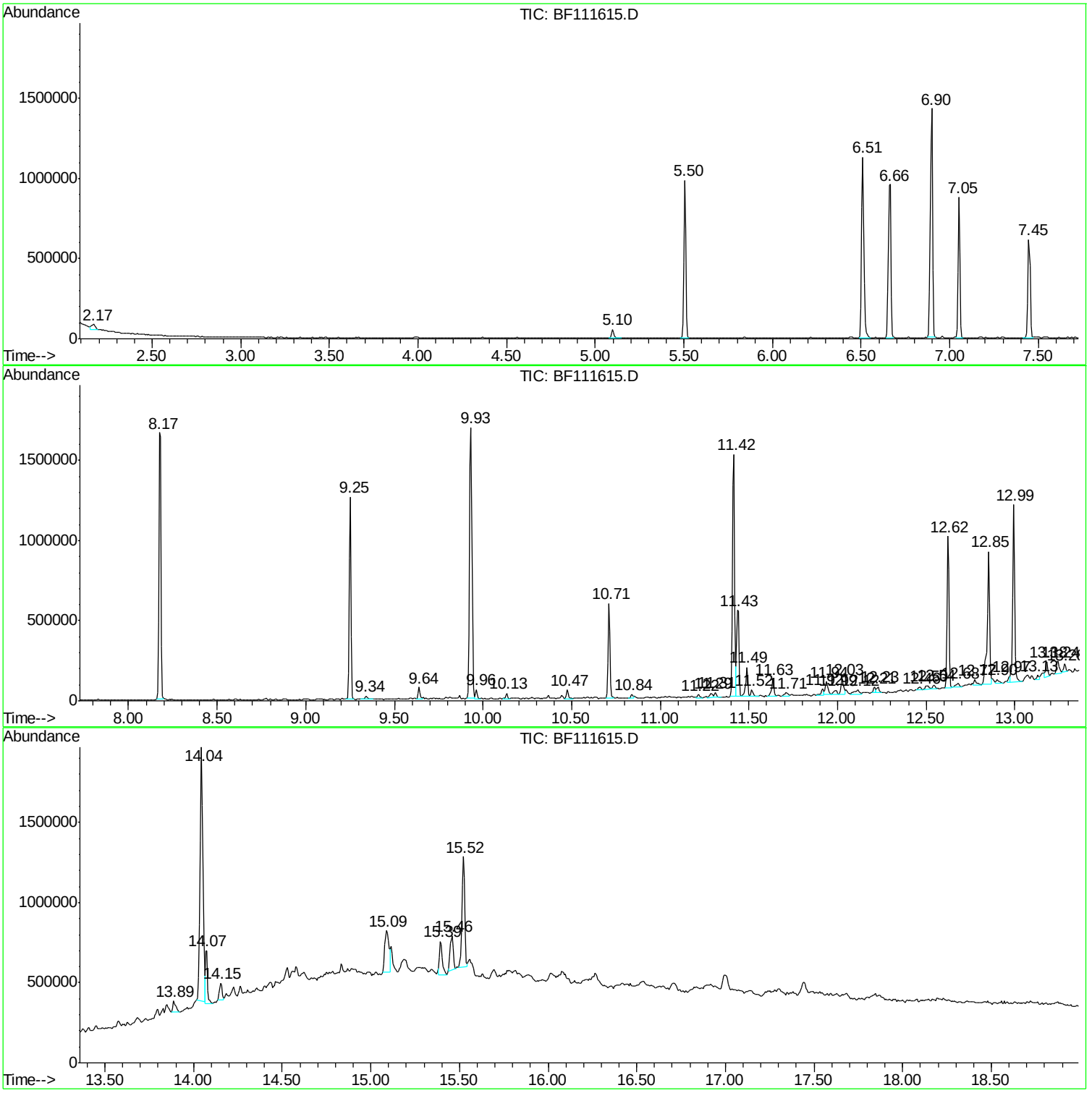
Acq On : 20 Dec 2018 2:47
Operator : JU/SJ
Sample : J6465-06 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB08_1.5-3.5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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\BF121918\
Data File : BF111615.D
Acq On : 20 Dec 2018 2:47
Operator : JU/SJ
Sample : J6465-06 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB08_1.5-3.5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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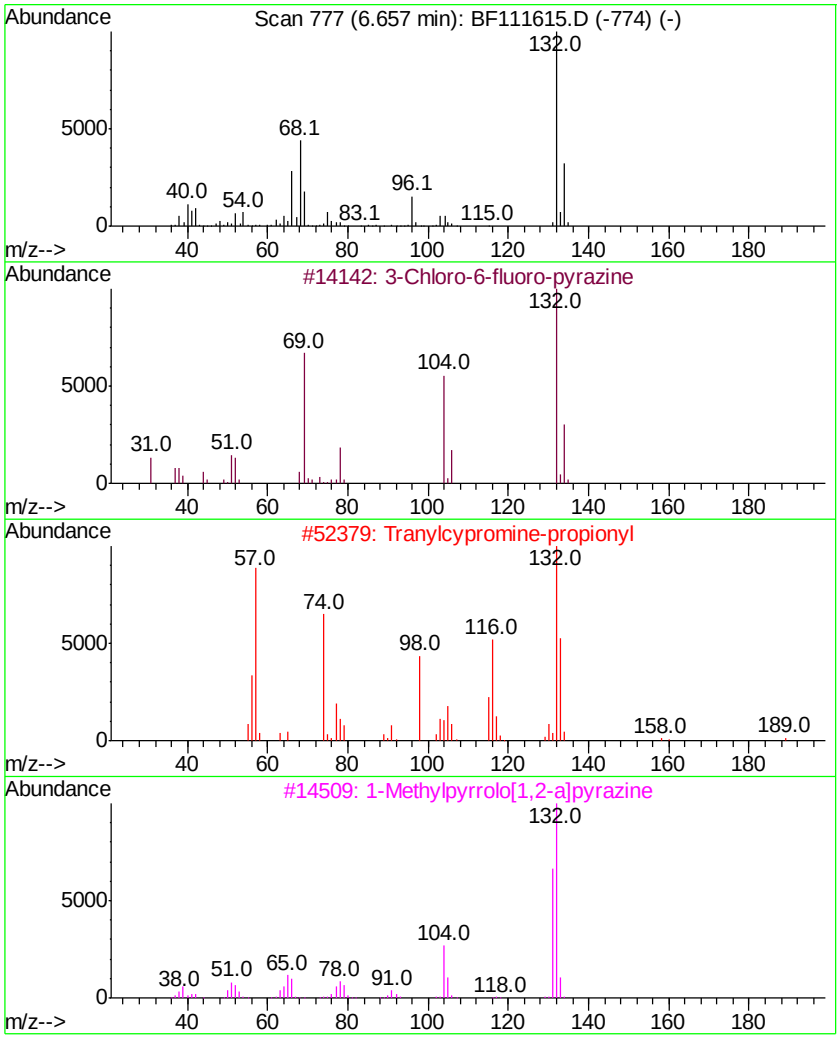
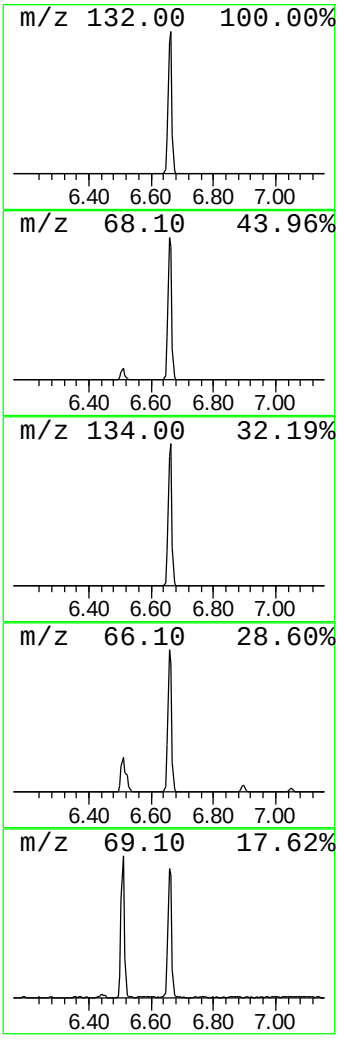
Peak Number 1 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	14.75 ng	881811	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
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Operator : JU/SJ
Sample : J6465-06 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB08_1.5-3.5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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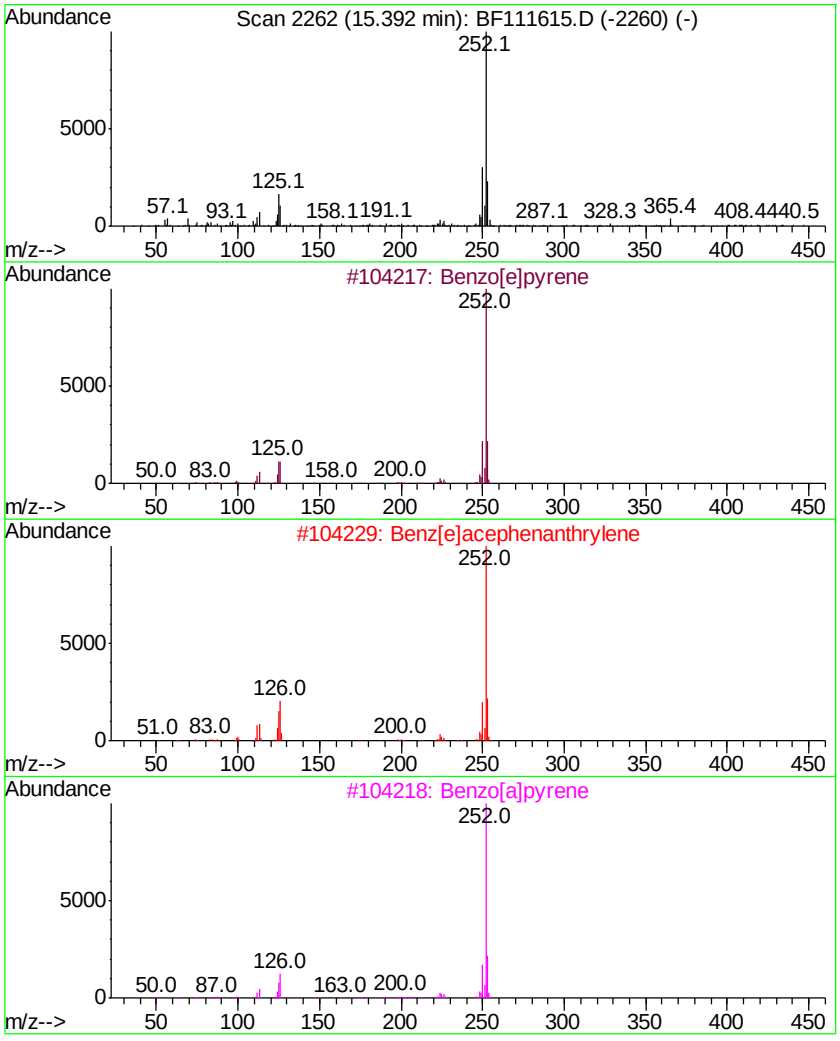
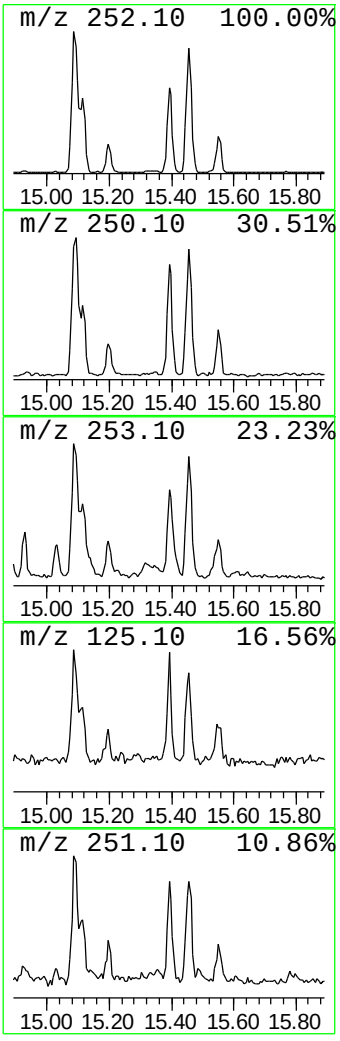
Peak Number 3 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	6.06 ng	245410	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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
unknown6.66	6.66	14.8	ng	881811	1	6.90	1195500	20.0
Benzo[e]pyrene	15.39	6.1	ng	245410	6	15.52	809432	20.0