LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000866.D
Acq On : 18 Oct 2019 04:17
Operator : JU
Sample : K5356-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 72-12017

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_P\METHODS\8270-BP100119.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	4.963	486	489	500	rVB	45473	55058	1.27%	0.136%
2	5.381	556	560	582	rVB	3163989	3053454	70.57%	7.530%
3	6.034	667	671	674	rBV	231285	201280	4.65%	0.496%
4	6.393	728	732	740	rBV	3183568	3245274	75.00%	8.003%
5	6.522	750	754	758	rBV	3902065	3365886	77.79%	8.300%
6	6.752	789	793	801	rBV	1108941	997355	23.05%	2.459%
7	6.869	810	813	815	rBV	106243	76109	1.76%	0.188%
8	6.904	815	819	823	rBV	3346709	2800100	64.71%	6.905%
9	7.310	884	888	891	rBV	2437093	1998451	46.18%	4.928%
10	8.034	1007	1011	1014	rBV	1515604	1214133	28.06%	2.994%
11	9.116	1191	1195	1198	rBV	5077021	4114238	95.08%	10.145%
12	9.510	1259	1262	1271	rBV	407391	341849	7.90%	0.843%
13	9.657	1283	1287	1293	rBV	73063	61374	1.42%	0.151%
14	9.798	1307	1311	1314	rBV	1715846	1458484	33.71%	3.597%
15	10.592	1442	1446	1464	rBV	3084747	2761208	63.81%	6.809%
16	11.292	1562	1565	1568	rBV	1684325	1571716	36.32%	3.876%
17	11.316	1568	1569	1573	rVV	390776	272138	6.29%	0.671%
18	11.369	1574	1578	1582	rVB2	166276	167201	3.86%	0.412%
19	11.804	1649	1652	1654	rBV	81866	68371	1.58%	0.169%
20	11.834	1654	1657	1662	rVB	120155	106287	2.46%	0.262%
21	11.916	1667	1671	1673	rVV	138338	142374	3.29%	0.351%
22	11.939	1673	1675	1680	rVB	63671	54921	1.27%	0.135%
23	12.098	1698	1702	1705	rBV	48345	58116	1.34%	0.143%
24	12.128	1705	1707	1712	rVB2	53215	54247	1.25%	0.134%
25	12.363	1743	1747	1749	rBV	74190	75088	1.74%	0.185%
26	12.445	1758	1761	1766	rBV4	45383	53455	1.24%	0.132%
27	12.522	1771	1774	1778	rBV	841205	693263	16.02%	1.710%
28	12.751	1808	1813	1816	rBV	709962	756389	17.48%	1.865%
29	12.810	1820	1823	1828	rVB2	35877	49752	1.15%	0.123%
30	12.904	1835	1839	1842	rBV	4861243	4327090	100.00%	10.670%
31	12.981	1849	1852	1855	rVB	49965	59682	1.38%	0.147%
32	13.069	1864	1867	1868	rBV2	48238	54435	1.26%	0.134%
33	13.092	1868	1871	1875	rVB	108135	107092	2.47%	0.264%
34	13.157	1879	1882	1885	rVV	84424	74548	1.72%	0.184%

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Misc :
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Instrument : BNA_P
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Integration Parameters: rteint.p
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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_P\METHODS\8270-BP100119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.192	1885	1888	1896	rVV2	98104	129743	3.00%	0.320%
36	13.316	1907	1909	1914	rBV	59305	60957	1.41%	0.150%
37	13.604	1956	1958	1963	rVB	81520	84328	1.95%	0.208%
38	13.745	1980	1982	1984	rVB	69329	50352	1.16%	0.124%
39	13.769	1984	1986	1992	rBV3	63061	84473	1.95%	0.208%
40	13.822	1992	1995	2002	rBV3	170218	234362	5.42%	0.578%
41	13.969	2015	2020	2023	rBV2	1765714	1973633	45.61%	4.867%
42	13.998	2023	2025	2028	rVB	402983	302581	6.99%	0.746%
43	14.075	2036	2038	2041	rVB	75575	64450	1.49%	0.159%
44	14.363	2085	2087	2090	rVB	84293	74811	1.73%	0.184%
45	15.022	2195	2199	2202	rBV	407769	558439	12.91%	1.377%
46	15.328	2247	2251	2257	rVB	217636	298441	6.90%	0.736%
47	15.386	2258	2261	2267	rVB	315924	380174	8.79%	0.937%
48	15.451	2267	2272	2276	rBV	1261735	1506913	34.83%	3.716%
49	16.927	2519	2523	2532	rVB2	136378	258585	5.98%	0.638%

Sum of corrected areas: 40552660

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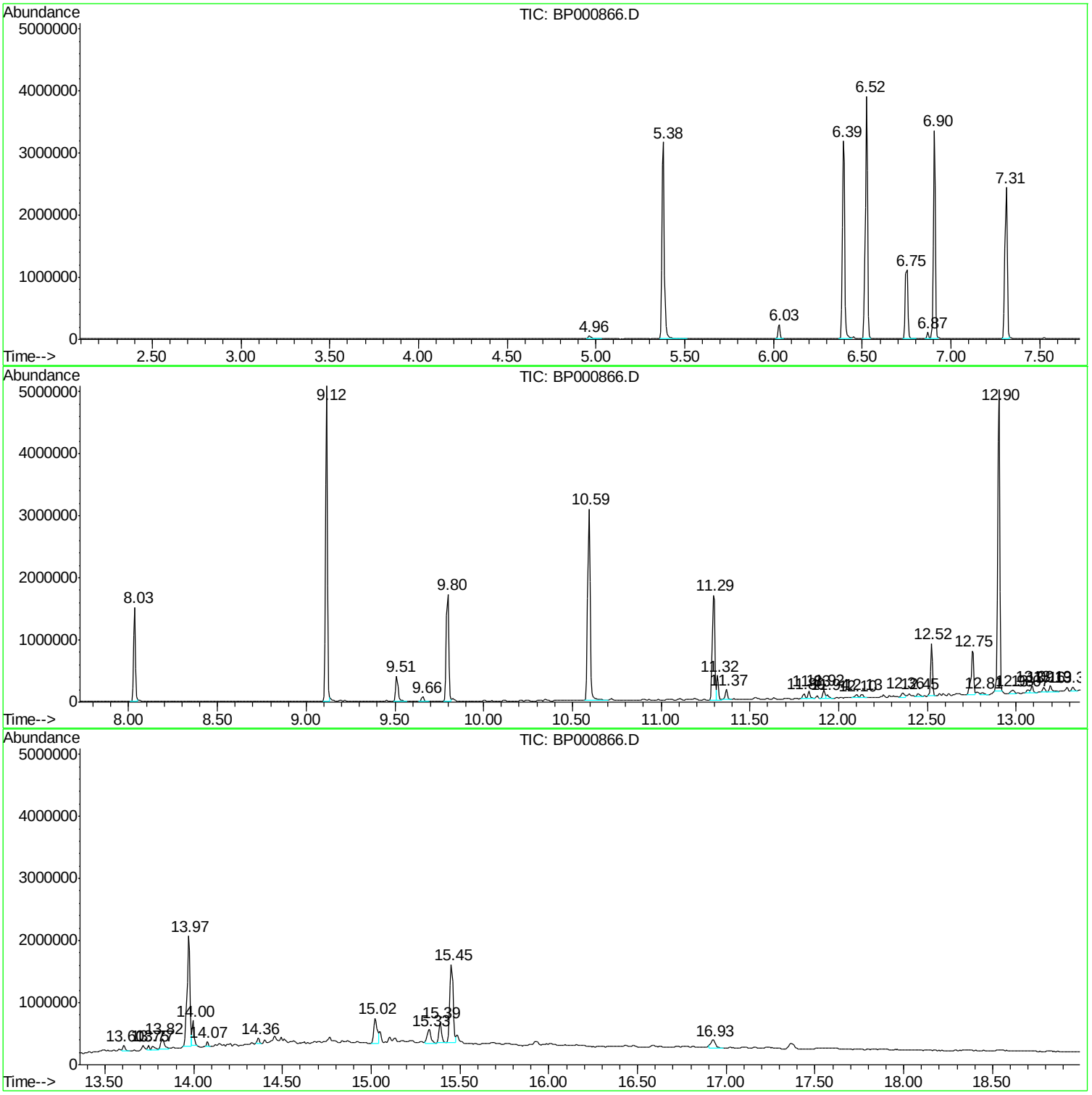
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000866.D
Acq On : 18 Oct 2019 04:17
Operator : JU
Sample : K5356-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 72-12017

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

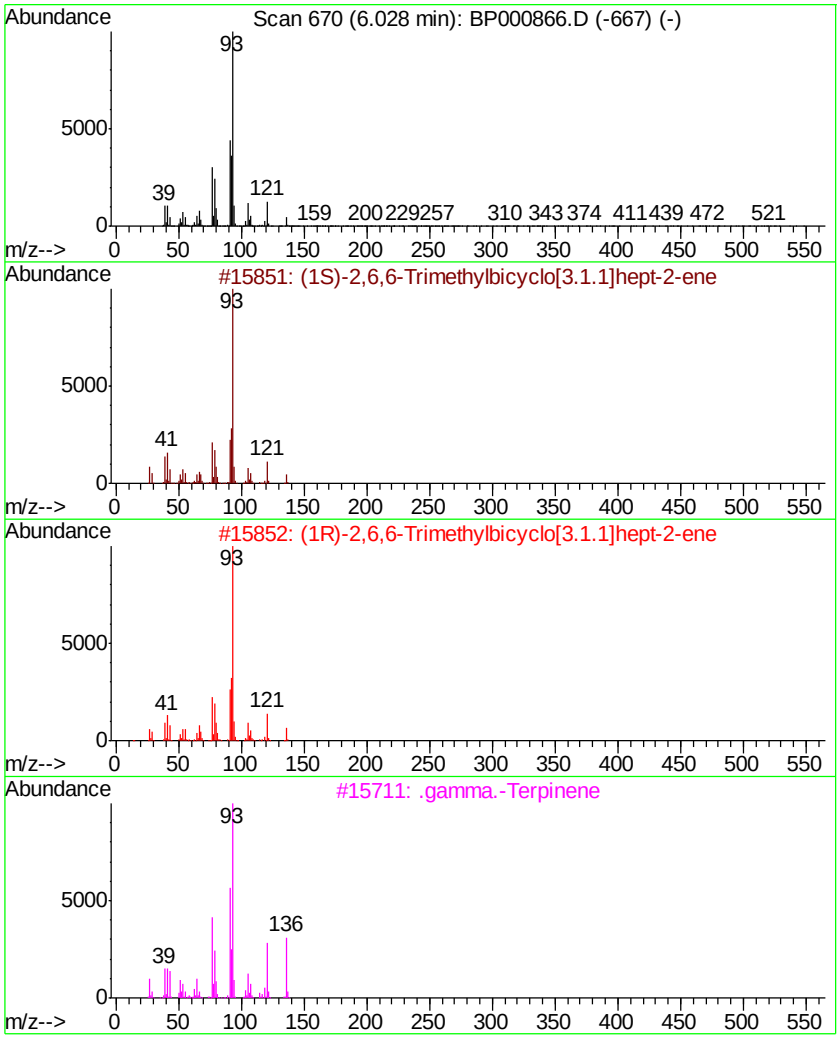
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

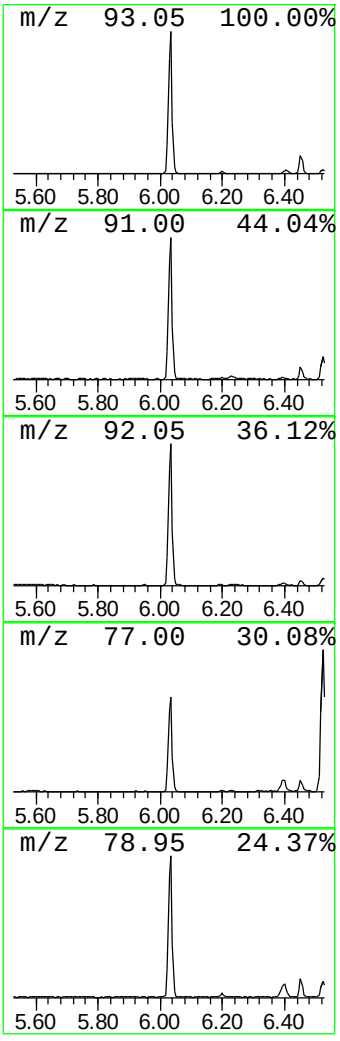
****

Peak Number 1 (1S)-2,6,6-Trimethylbicyclo... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	4.04 ng	201280	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	97
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
3	.gamma.-Terpinene	136	C10H16	000099-85-4	94
4	.alpha.-Pinene	136	C10H16	000080-56-8	94
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91





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ClientSampleId : 72-12017

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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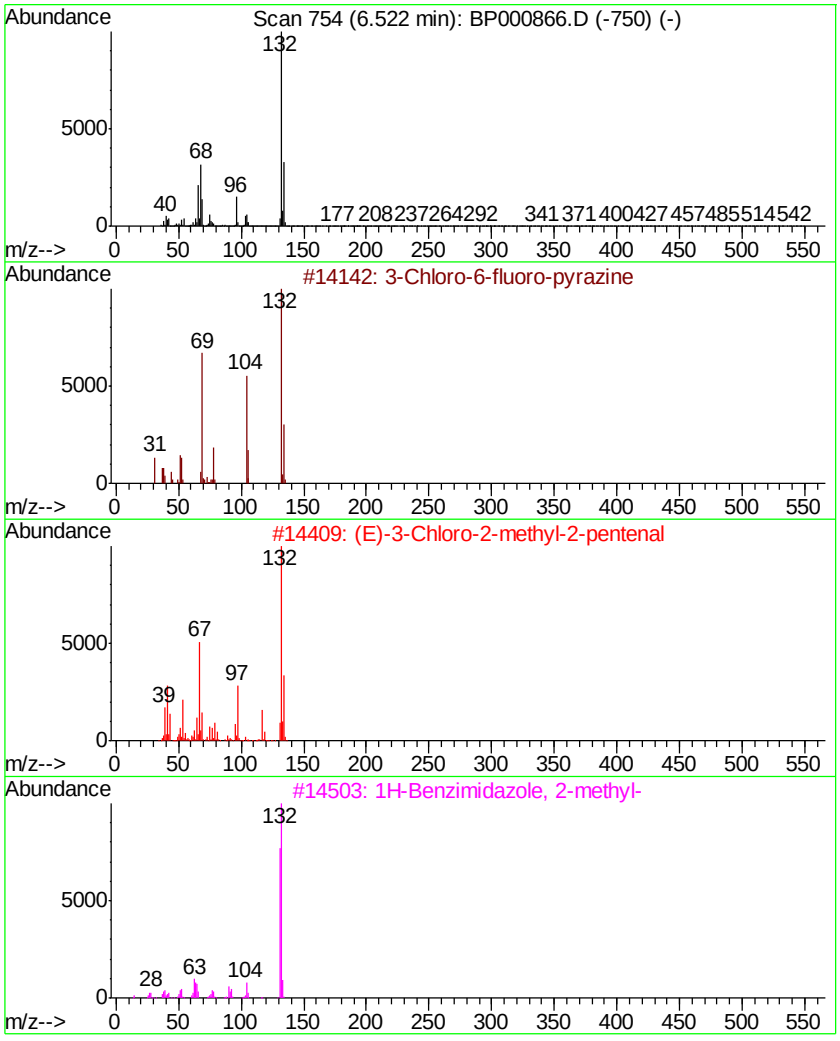
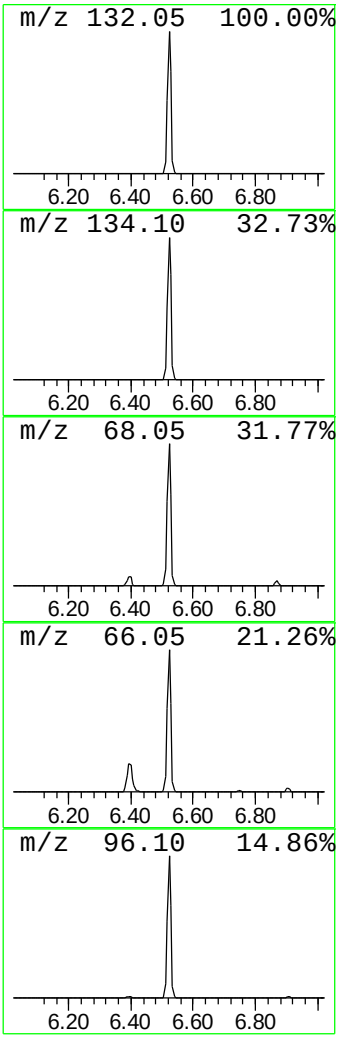
Peak Number 2 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	67.50 ng	3365890	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 72-12017

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
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TIC Library : C:\DATABASE\NIST11.L
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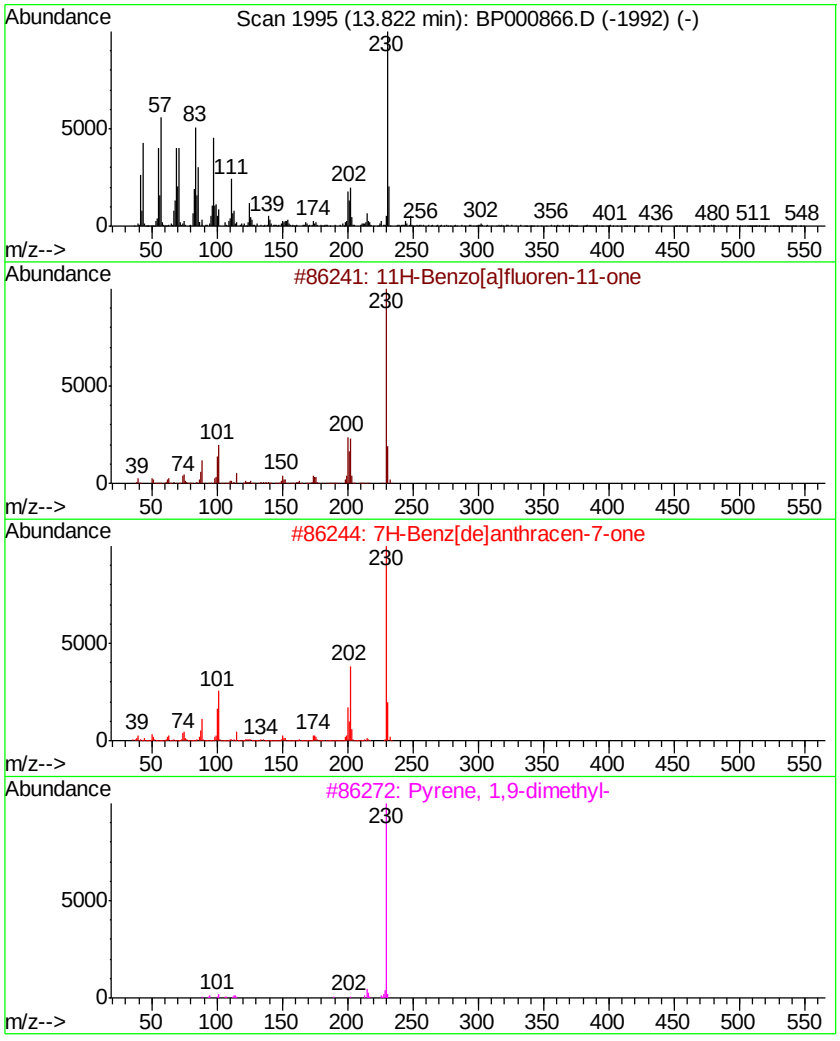
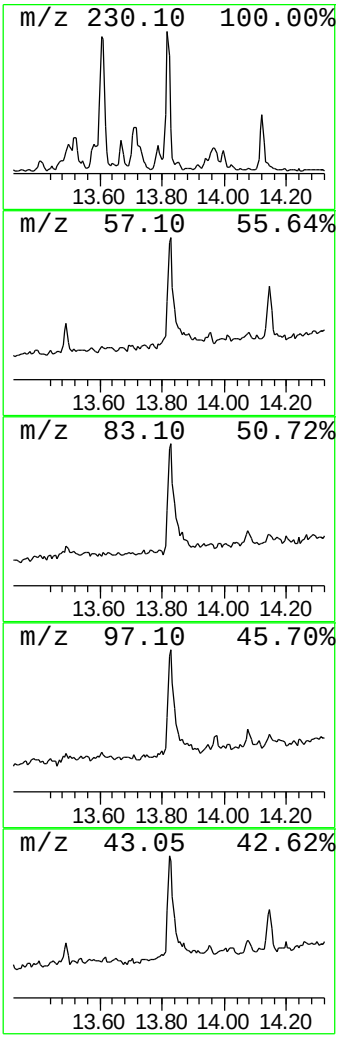
Peak Number 5 11H-Benzo[a]fluoren-11-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	2.37 ng	234362	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	84
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	42
3	Pyrene, 1,9-dimethyl-	230	C18H14	074298-70-7	27
4	Benzo(a)phenazine	230	C16H10N2	000225-61-6	25
5	Naphthacene, 5,12-dihydro-	230	C18H14	000959-02-4	25





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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 72-12017

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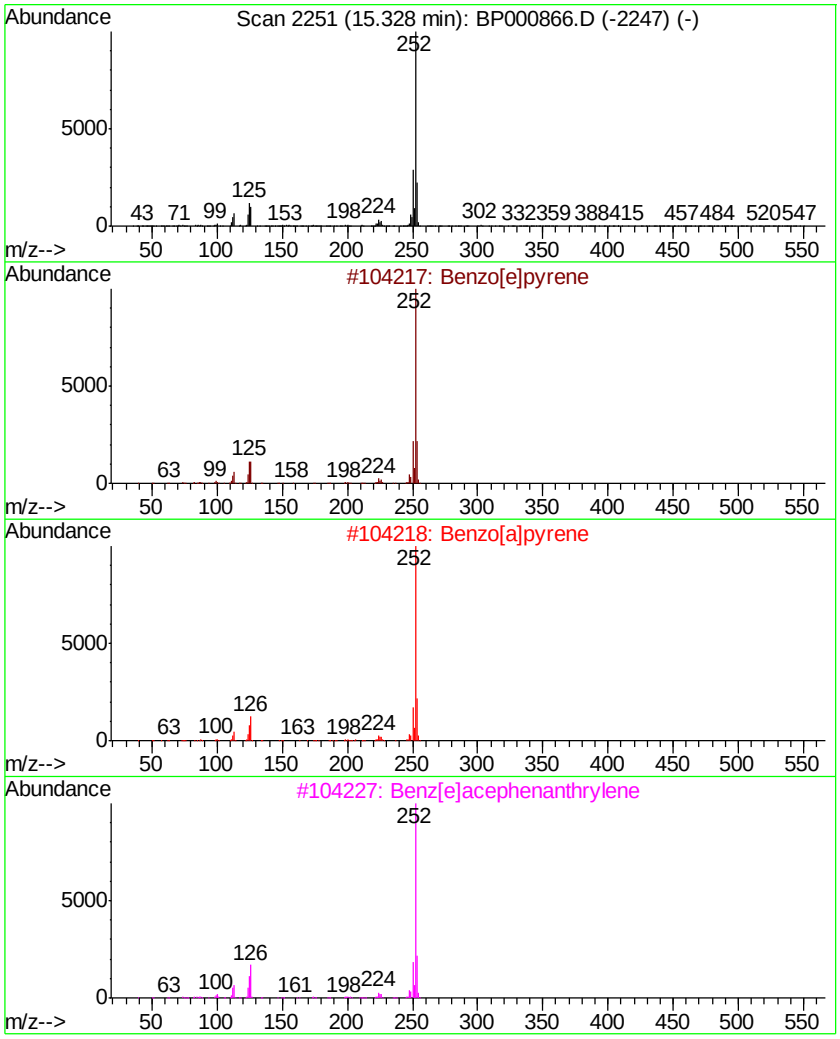
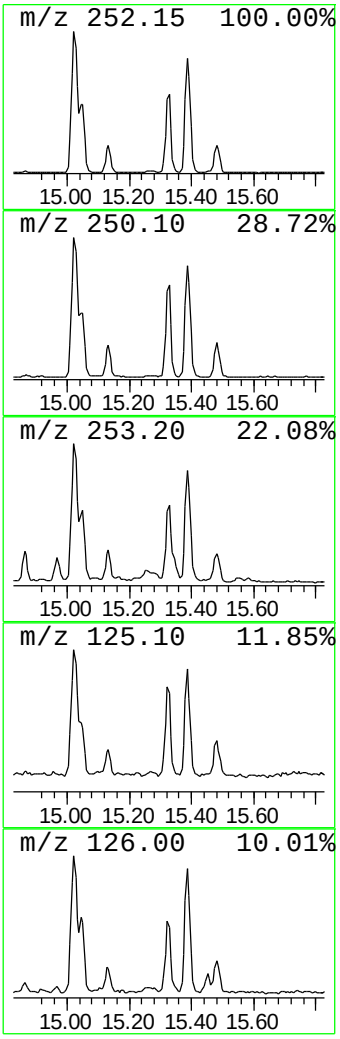
Peak Number 6 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	3.96 ng	298441	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Tentatively Identified Compound (LSC) summary

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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
(1S)-2,6,6-Trimet...	6.03	4.0	ng	201280	1	6.75	997355	20.0
unknown6.52	6.52	67.5	ng	3365890	1	6.75	997355	20.0
11H-Benzo[a]fluor...	13.82	2.4	ng	234362	5	13.97	1973630	20.0
Benzo[e]pyrene	15.33	4.0	ng	298441	6	15.45	1506910	20.0