LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110429.D
Acq On : 2 Nov 2018 23:15
Operator : JU/SJ
Sample : J5769-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WAGARAW-RD-2

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-BF102318.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	2.252	23	28	43	rVB	117922	172419	23.95%	1.522%
2	5.181	522	526	534	rBV	18988	24232	3.37%	0.214%
3	5.575	589	593	601	rBV	610189	642939	89.31%	5.674%
4	6.575	759	763	781	rBV	694983	719861	100.00%	6.353%
5	6.722	784	788	796	rBV	854926	712317	98.95%	6.287%
6	6.951	824	827	834	rBV	517815	487538	67.73%	4.303%
7	7.110	850	854	865	rBV	642376	553261	76.86%	4.883%
8	7.516	919	923	939	rBV	393787	414368	57.56%	3.657%
9	8.239	1042	1046	1059	rBV	571088	596436	82.85%	5.264%
10	9.310	1224	1228	1238	rBV	727946	684066	95.03%	6.037%
11	9.704	1291	1295	1304	rVB	71304	75170	10.44%	0.663%
12	9.857	1316	1321	1326	rBV	10091	10469	1.45%	0.092%
13	9.998	1341	1345	1355	rVB	559179	559157	77.68%	4.935%
14	10.786	1476	1479	1492	rVB	331088	321647	44.68%	2.839%
15	11.486	1595	1598	1601	rBV	533244	508416	70.63%	4.487%
16	11.510	1601	1602	1608	rVB	188082	146075	20.29%	1.289%
17	11.569	1608	1612	1615	rBV	28309	29115	4.04%	0.257%
18	11.722	1634	1638	1642	rBV2	14829	18001	2.50%	0.159%
19	11.822	1652	1655	1659	rBV3	8035	10103	1.40%	0.089%
20	11.992	1680	1684	1686	rBV	52316	48470	6.73%	0.428%
21	12.022	1686	1689	1693	rVV2	41655	45784	6.36%	0.404%
22	12.069	1694	1697	1699	rVV2	14532	12746	1.77%	0.112%
23	12.104	1699	1703	1705	rVV2	46709	55167	7.66%	0.487%
24	12.127	1705	1707	1710	rVB	23478	21329	2.96%	0.188%
25	12.227	1721	1724	1727	rBV5	12039	12966	1.80%	0.114%
26	12.286	1730	1734	1737	rVV	26144	29907	4.15%	0.264%
27	12.316	1737	1739	1744	rVB	35507	36061	5.01%	0.318%
28	12.427	1754	1758	1761	rBV3	14446	18482	2.57%	0.163%
29	12.463	1761	1764	1766	rBV	13080	10048	1.40%	0.089%
30	12.486	1766	1768	1771	rVB2	10943	10105	1.40%	0.089%
31	12.539	1773	1777	1780	rBV	40407	44392	6.17%	0.392%
32	12.574	1780	1783	1785	rVV2	16356	18060	2.51%	0.159%
33	12.592	1785	1786	1789	rVB2	11225	8755	1.22%	0.077%
34	12.627	1789	1792	1796	rBV3	33366	40458	5.62%	0.357%

LSC Area Percent Report

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WAGARAW-RD-2

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.704	1801	1805	1808	rBV	570833	488218	67.82%	4.309%
36	12.733	1808	1810	1813	rVV4	16828	17543	2.44%	0.155%
37	12.769	1813	1816	1818	rVV2	10583	9566	1.33%	0.084%
38	12.839	1825	1828	1829	rBV3	9774	9949	1.38%	0.088%
39	12.857	1829	1831	1833	rVB	15253	12174	1.69%	0.107%
40	12.933	1838	1844	1850	rVV	456346	523453	72.72%	4.620%
41	12.986	1850	1853	1856	rVB2	31428	31491	4.37%	0.278%
42	13.069	1862	1867	1870	rBV	562266	540340	75.06%	4.769%
43	13.098	1870	1872	1875	rVB2	22787	23094	3.21%	0.204%
44	13.157	1877	1882	1886	rBV3	31902	55988	7.78%	0.494%
45	13.204	1888	1890	1892	rVB3	14056	9789	1.36%	0.086%
46	13.233	1892	1895	1897	rBV3	34012	42795	5.94%	0.378%
47	13.263	1897	1900	1905	rVB2	44413	53418	7.42%	0.471%
48	13.327	1909	1911	1913	rBV	23117	19697	2.74%	0.174%
49	13.369	1913	1918	1920	rBV2	39981	56780	7.89%	0.501%
50	13.463	1931	1934	1936	rBV	31048	26854	3.73%	0.237%
51	13.492	1936	1939	1942	rBV2	29802	27540	3.83%	0.243%
52	13.616	1957	1960	1962	rBV3	16140	17863	2.48%	0.158%
53	13.739	1979	1981	1984	rBV3	15848	19732	2.74%	0.174%
54	13.774	1984	1987	1991	rVB	58292	62054	8.62%	0.548%
55	13.886	2002	2006	2008	rBV2	49010	60489	8.40%	0.534%
56	13.910	2008	2010	2012	rVV	37653	31524	4.38%	0.278%
57	13.945	2012	2016	2020	rVV3	63555	102683	14.26%	0.906%
58	13.980	2020	2022	2025	rVB	53767	48165	6.69%	0.425%
59	14.133	2043	2048	2051	rBV2	565912	711370	98.82%	6.278%
60	14.157	2051	2052	2056	rVB	205477	161916	22.49%	1.429%
61	14.239	2064	2066	2068	rBV	33355	28621	3.98%	0.253%
62	14.480	2105	2107	2109	rBV2	24396	24657	3.43%	0.218%
63	15.204	2226	2230	2233	rBV	166816	257220	35.73%	2.270%
64	15.527	2281	2285	2292	rVB	98093	127258	17.68%	1.123%
65	15.592	2292	2296	2300	rBV	151037	197292	27.41%	1.741%
66	15.657	2303	2307	2311	rVB	209426	275743	38.31%	2.434%
67	17.227	2570	2574	2585	rVB3	63984	157201	21.84%	1.387%

Sum of corrected areas: 11330797

LSC Report - Integrated Chromatogram

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Operator : JU/SJ
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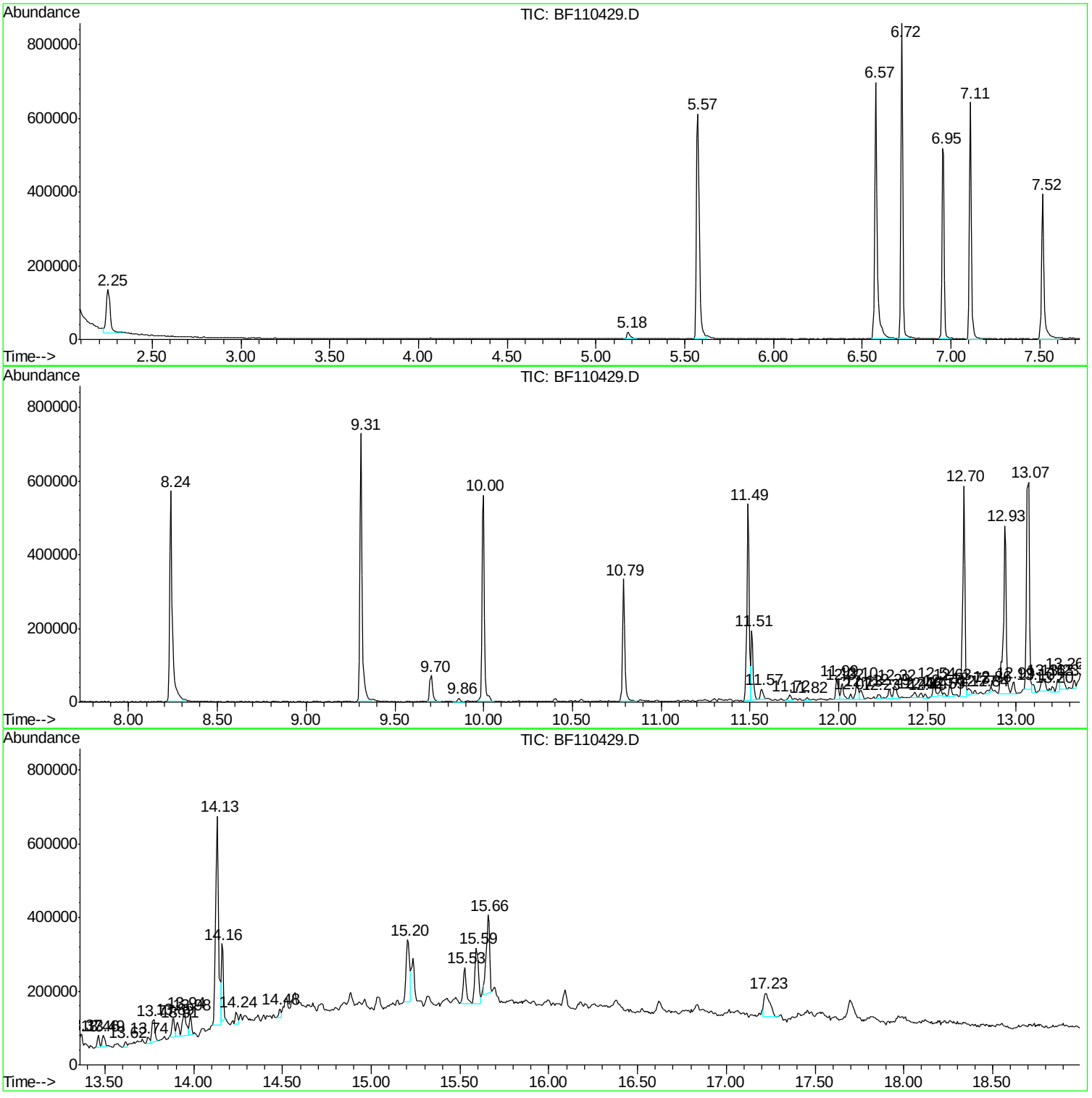
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WAGARAW-RD-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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\BF110218\
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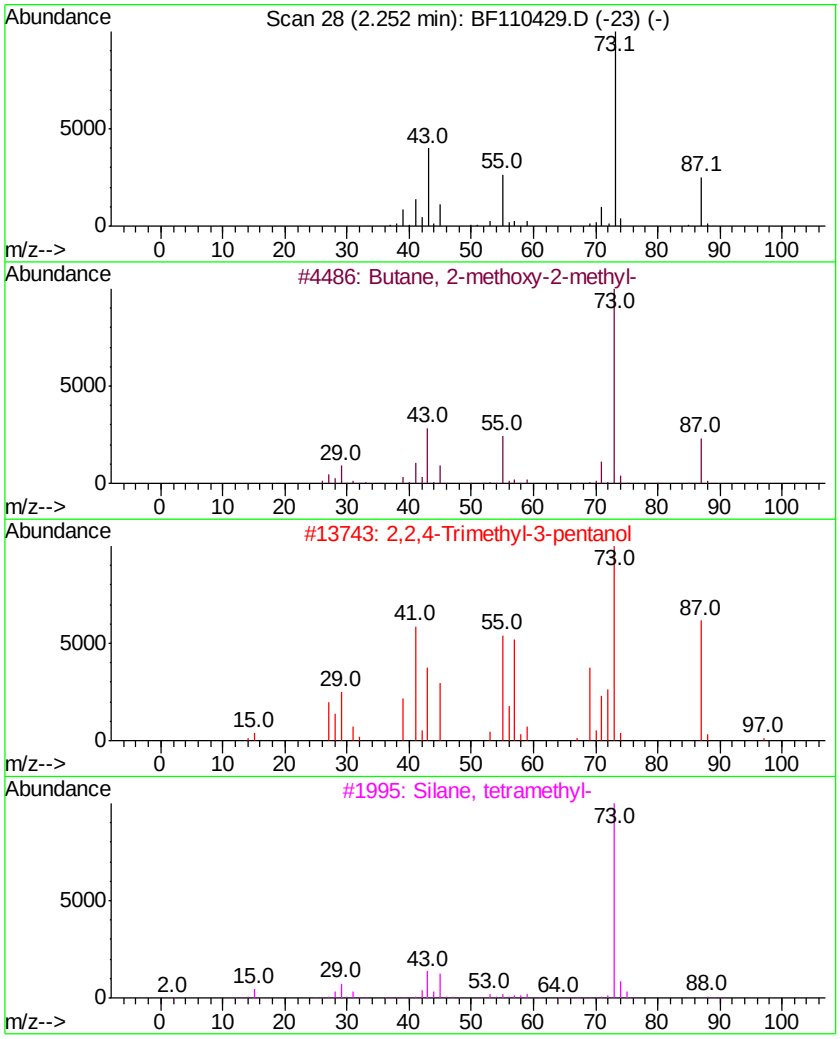
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

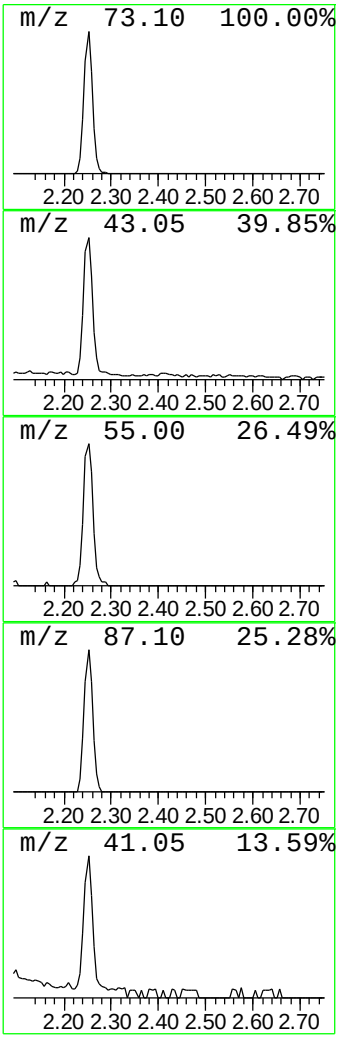
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.25	7.07 ng	172419	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	25
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23





Library Search Compound Report

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Acq On : 2 Nov 2018 23:15
Operator : JU/SJ
Sample : J5769-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WAGARAW-RD-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

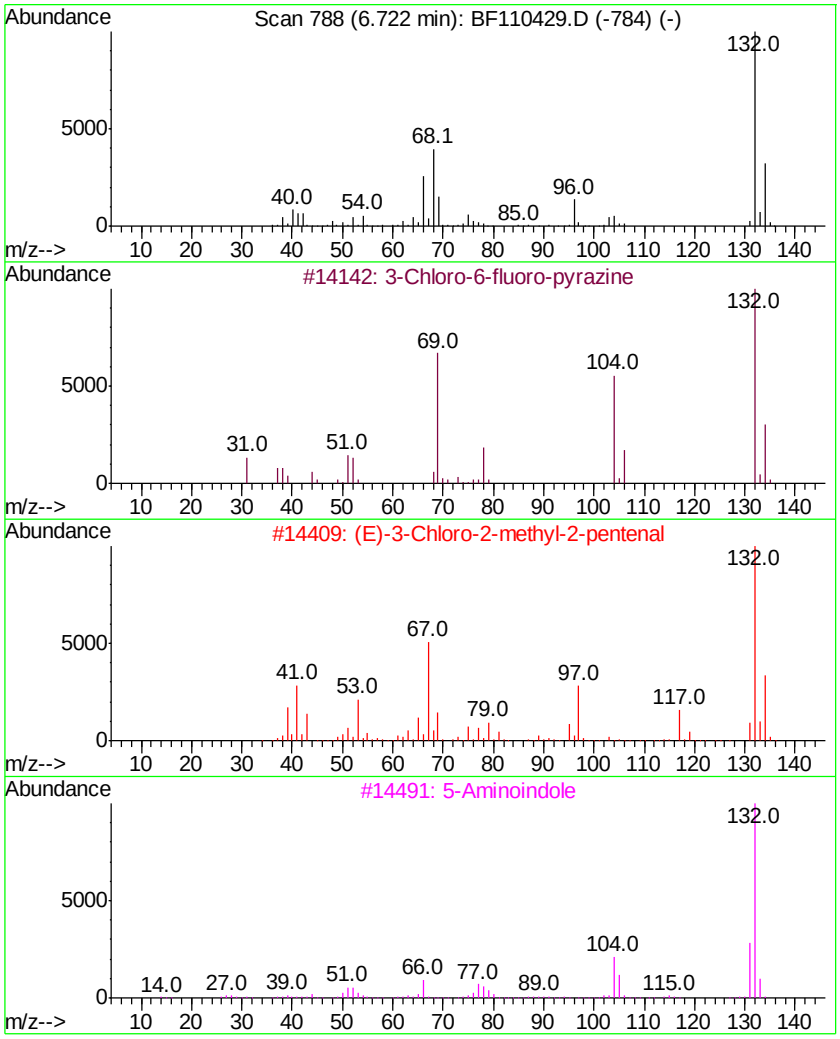
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

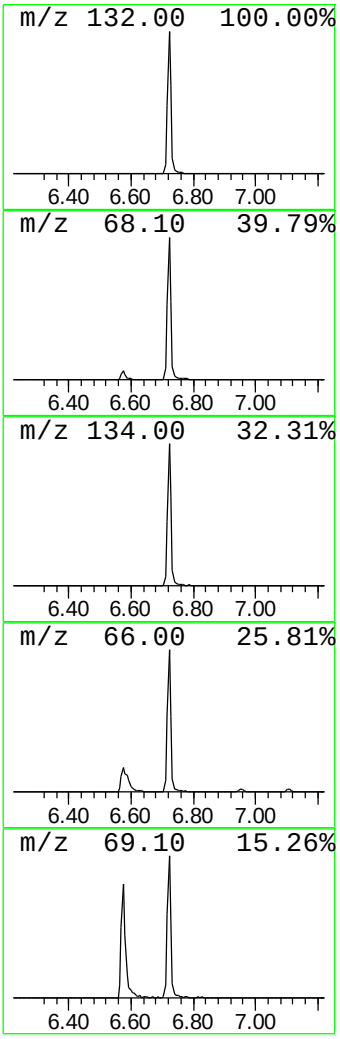
****

Peak Number 2 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	29.22 ng	712317	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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Instrument : BNA_F
ClientSampleId : WAGARAW-RD-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

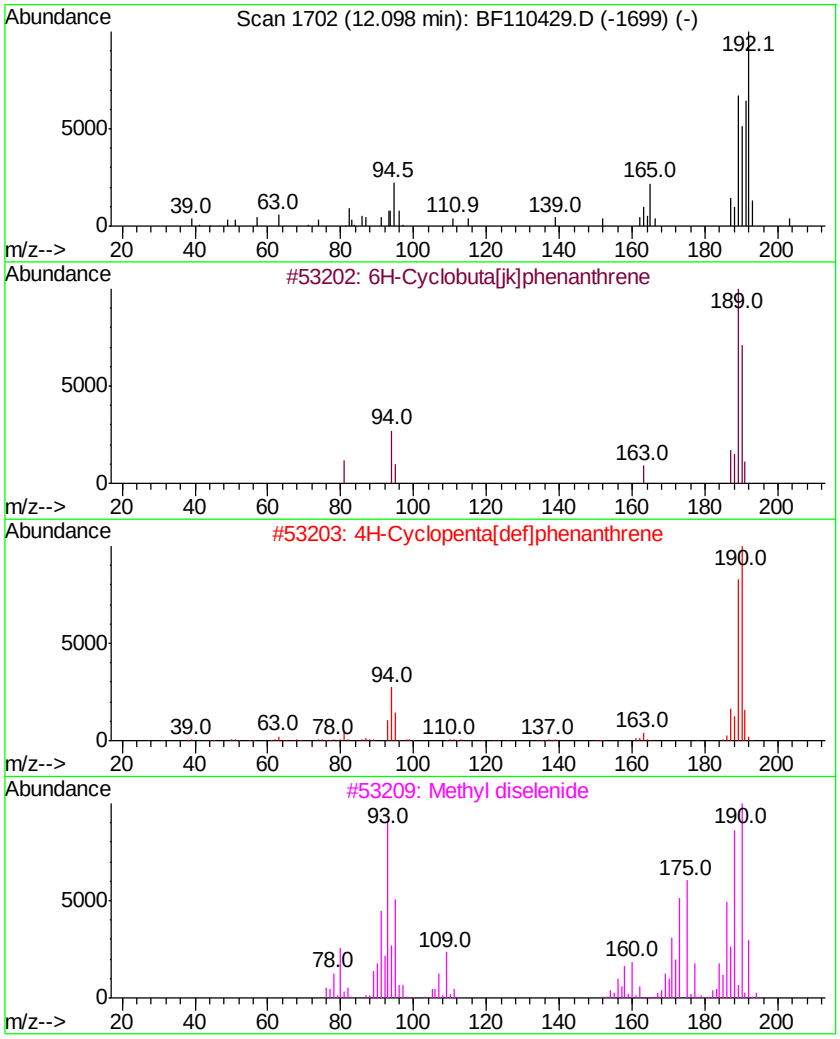
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

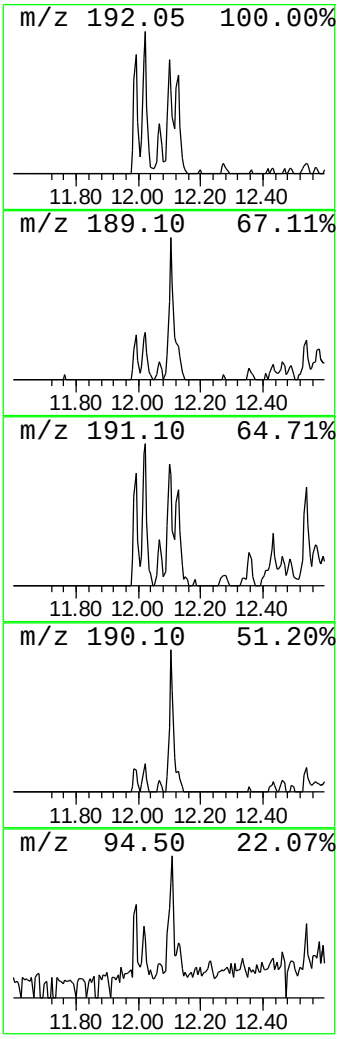
****

Peak Number 4 6H-Cyclobuta[jk]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	2.17 ng	55167	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

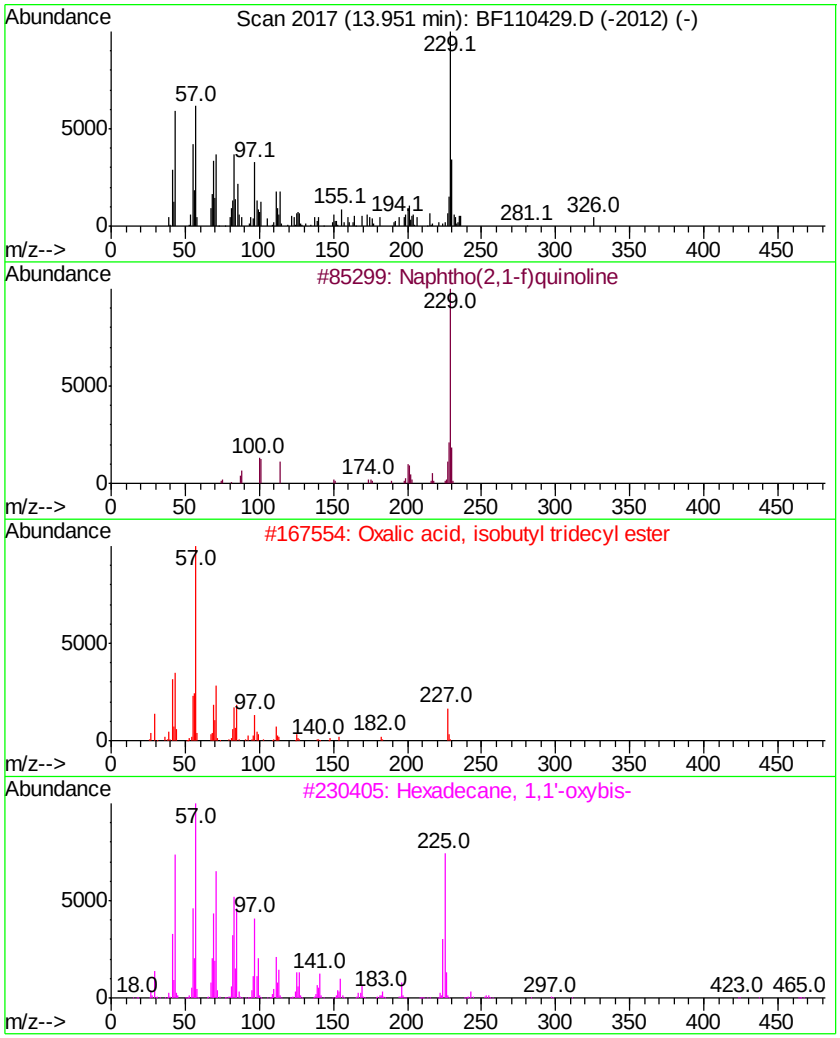
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

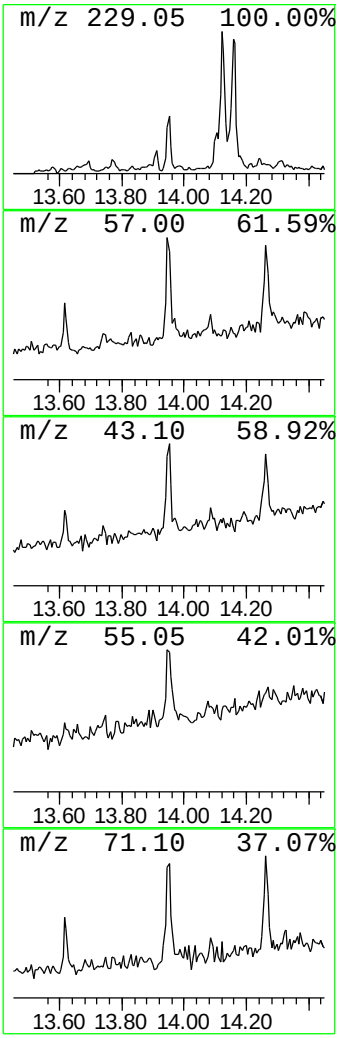
****

Peak Number 5 unknown13.95 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	2.89 ng	102683	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	38
2	Oxalic acid, isobutyl tridecyl e...	328	C19H36O4	1000309-37-8	30
3	Hexadecane, 1,1'-oxybis-	467	C32H66O	004113-12-6	27
4	Trihexadecyl borate	735	C48H99BO3	002665-11-4	27
5	Benzo(a)acridine	229	C17H11N	000225-11-6	25





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : WAGARAW-RD-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

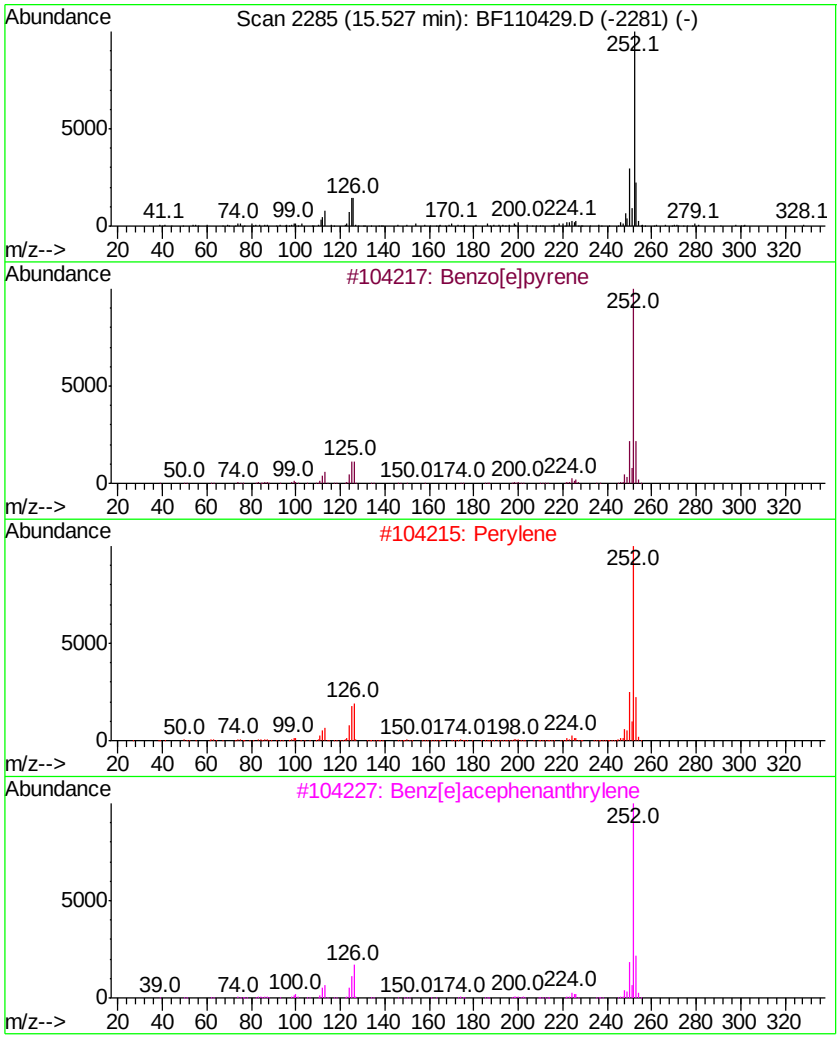
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

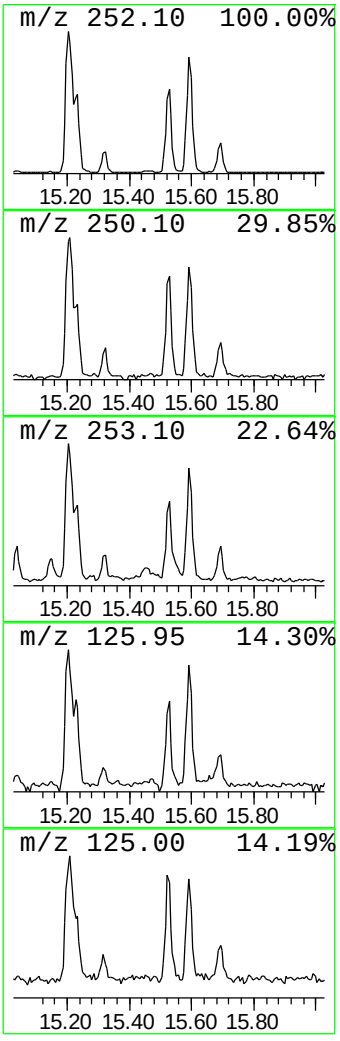
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	9.23 ng	127258	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	95





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
ClientSampleId : WAGARAW-RD-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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
Butane, 2-methoxy...	2.25	7.1	ng	172419	1	6.96	487538	20.0
unknown6.72	6.72	29.2	ng	712317	1	6.96	487538	20.0
6H-Cyclobuta[jk]p...	12.10	2.2	ng	55167	4	11.49	508416	20.0
unknown13.95	13.95	2.9	ng	102683	5	14.13	711370	20.0
Benzo[e]pyrene	15.53	9.2	ng	127258	6	15.66	275743	20.0