LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093233.D
Acq On : 28 Feb 2017 4:27
Operator : SJ/MA
Sample : I1972-17 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2HH8.5-BASE

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:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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	4.967	250	252	260	rBV	249247	292692	14.42%	1.339%
2	5.413	289	291	301	rBV	742636	827370	40.77%	3.785%
3	6.464	381	383	392	rBV	646336	879425	43.34%	4.023%
4	6.590	392	394	397	rBV	980799	835774	41.19%	3.824%
5	6.819	412	414	416	rBV	1189712	997377	49.15%	4.563%
6	6.979	425	428	430	rBV	521941	618372	30.47%	2.829%
7	7.390	462	464	466	rBV	404426	456797	22.51%	2.090%
8	8.110	524	527	529	rBV	1157451	1311640	64.64%	6.001%
9	8.819	587	589	591	rBV	61035	47294	2.33%	0.216%
10	8.922	595	598	600	rBV	26170	34444	1.70%	0.158%
11	9.185	618	621	623	rBV	689493	853955	42.08%	3.907%
12	9.265	625	628	632	rVB3	14525	32358	1.59%	0.148%
13	9.447	641	644	646	rBV	24146	35539	1.75%	0.163%
14	9.516	648	650	651	rVV	38570	36301	1.79%	0.166%
15	9.573	654	655	659	rVB	42050	60021	2.96%	0.275%
16	9.630	659	660	665	rBV3	14027	23178	1.14%	0.106%
17	9.722	665	668	670	rBV	51405	49549	2.44%	0.227%
18	9.790	670	674	676	rBV2	26473	30460	1.50%	0.139%
19	9.859	677	680	682	rVV	1499392	1336543	65.87%	6.115%
20	9.893	682	683	685	rVB	93972	67054	3.30%	0.307%
21	10.065	696	698	700	rVV2	69684	69582	3.43%	0.318%
22	10.099	700	701	704	rVV2	21084	21466	1.06%	0.098%
23	10.282	713	717	721	rBV3	33983	63950	3.15%	0.293%
24	10.408	726	728	730	rBV	87170	92842	4.58%	0.425%
25	10.510	730	737	740	rBV6	20666	74174	3.66%	0.339%
26	10.556	740	741	743	rVB	18069	23414	1.15%	0.107%
27	10.648	746	749	752	rBV	456579	442914	21.83%	2.026%
28	10.762	757	759	763	rVB3	44496	77372	3.81%	0.354%
29	10.956	772	776	777	rBV2	36452	53241	2.62%	0.244%
30	11.036	780	783	784	rVV3	16512	21170	1.04%	0.097%
31	11.105	785	789	792	rVV2	20514	42357	2.09%	0.194%
32	11.150	792	793	795	rVB	34398	28272	1.39%	0.129%
33	11.208	795	798	799	rBV2	46771	66867	3.30%	0.306%
34	11.242	799	801	803	rVB	52465	63215	3.12%	0.289%

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Misc :
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Instrument : BNA_F
ClientSampleId : E2HH8.5-BASE

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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.345	807	810	814	rBV2	1272683	1948971	96.05%	8.916%
36	11.413	814	816	818	rVV	156128	194382	9.58%	0.889%
37	11.459	818	820	821	rVV2	18670	24474	1.21%	0.112%
38	11.585	827	831	834	rBV2	57489	110835	5.46%	0.507%
39	11.631	834	835	837	rVV2	47254	47523	2.34%	0.217%
40	11.676	837	839	841	rVB	19726	26688	1.32%	0.122%
41	11.848	851	854	855	rBV	88488	101086	4.98%	0.462%
42	11.871	855	856	858	rVV	141352	122576	6.04%	0.561%
43	11.916	858	860	862	rVV2	55786	70926	3.50%	0.324%
44	11.951	862	863	868	rVB	137915	243039	11.98%	1.112%
45	12.042	868	871	873	rBV2	28686	59994	2.96%	0.274%
46	12.133	877	879	881	rVV2	51497	80238	3.95%	0.367%
47	12.168	881	882	884	rVB	42495	43186	2.13%	0.198%
48	12.293	890	893	894	rBV2	28802	46315	2.28%	0.212%
49	12.396	899	902	903	rBV	78797	102965	5.07%	0.471%
50	12.431	903	905	908	rVV	63178	91482	4.51%	0.419%
51	12.488	908	910	913	rVV	48222	74695	3.68%	0.342%
52	12.556	913	916	918	rVV	1066817	926526	45.66%	4.239%
53	12.625	918	922	923	rVB2	16949	29455	1.45%	0.135%
54	12.705	926	929	931	rBV2	39931	58269	2.87%	0.267%
55	12.785	933	936	939	rBV	910538	987784	48.68%	4.519%
56	12.842	939	941	943	rVB2	46406	67135	3.31%	0.307%
57	12.922	946	948	952	rVB	643520	716583	35.31%	3.278%
58	13.002	952	955	959	rBV3	67314	135721	6.69%	0.621%
59	13.116	961	965	966	rBV	105775	177403	8.74%	0.812%
60	13.174	966	970	972	rBV2	60549	121997	6.01%	0.558%
61	13.219	972	974	977	rVV2	85360	118668	5.85%	0.543%
62	13.311	980	982	983	rBV	59483	54861	2.70%	0.251%
63	13.345	983	985	988	rVB2	40441	54549	2.69%	0.250%
64	13.402	988	990	991	rBV2	30181	28579	1.41%	0.131%
65	13.494	996	998	1001	rBV4	27807	77370	3.81%	0.354%
66	13.619	1008	1009	1012	rVB	51224	69975	3.45%	0.320%
67	13.734	1017	1019	1020	rBV	75519	76922	3.79%	0.352%
68	13.836	1026	1028	1030	rVB2	77871	109854	5.41%	0.503%
69	13.985	1037	1041	1047	rBV2	1182673	2029190	100.00%	9.283%
70	14.088	1048	1050	1051	rBV	75137	68516	3.38%	0.313%
71	14.374	1073	1075	1076	rBV	90988	83625	4.12%	0.383%

LSC Area Percent Report

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Sample : I1972-17 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2HH8.5-BASE

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:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.002	1128	1130	1134	rBV	302987	609596	30.04%	2.789%
73	15.288	1153	1155	1159	rVB	156567	226367	11.16%	1.036%
74	15.357	1159	1161	1163	rVB	250050	319603	15.75%	1.462%
75	15.414	1163	1166	1172	rVB	641507	905871	44.64%	4.144%
76	16.808	1285	1288	1293	rBV	115366	255305	12.58%	1.168%
77	17.231	1322	1325	1330	rVB	88345	192423	9.48%	0.880%

Sum of corrected areas: 21858501

LSC Report - Integrated Chromatogram

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Data File : BF093233.D
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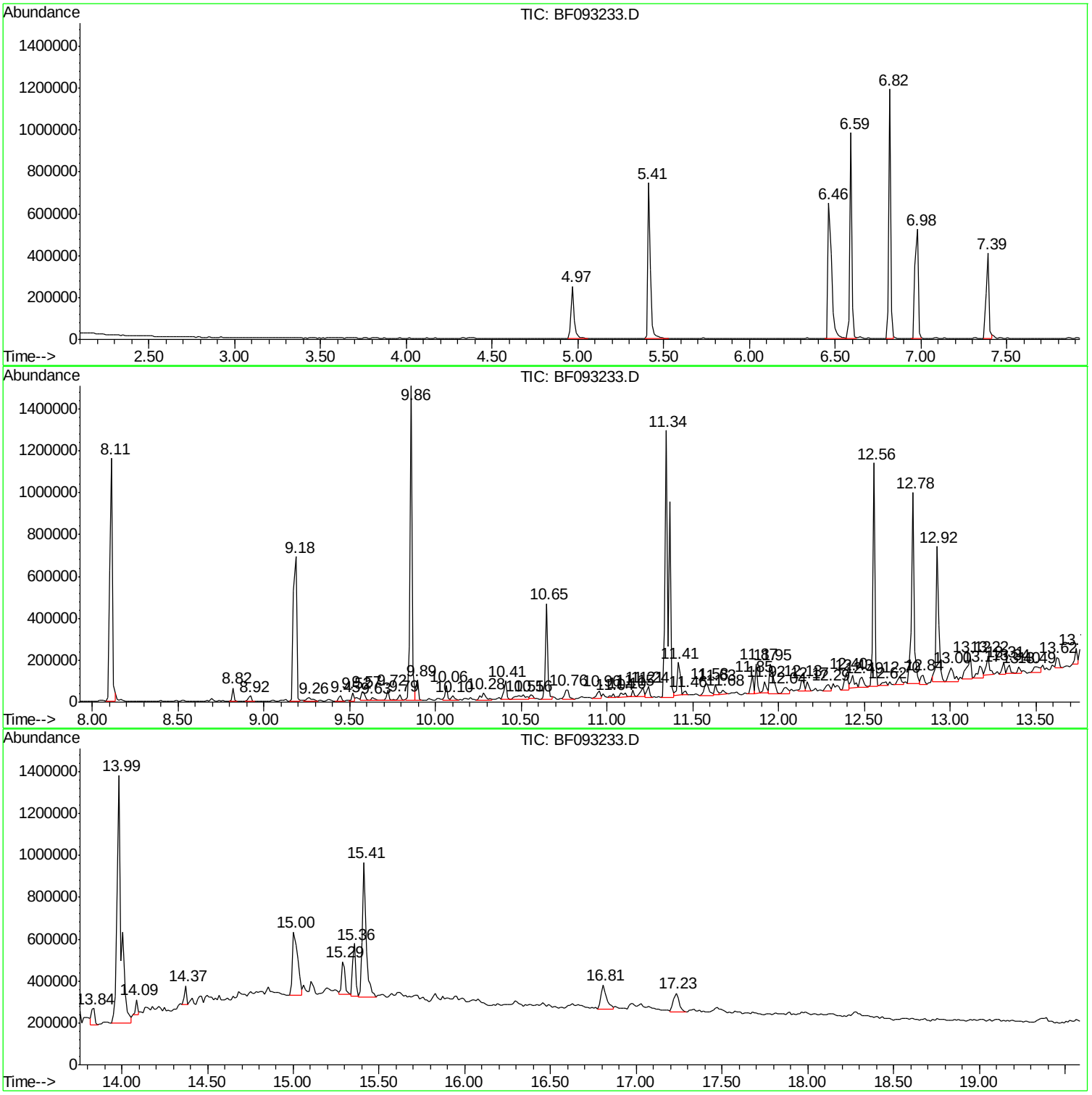
Operator : SJ/MA
Sample : I1972-17 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2HH8.5-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
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Acq On : 28 Feb 2017 4:27
Operator : SJ/MA
Sample : I1972-17 5X
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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2HH8.5-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

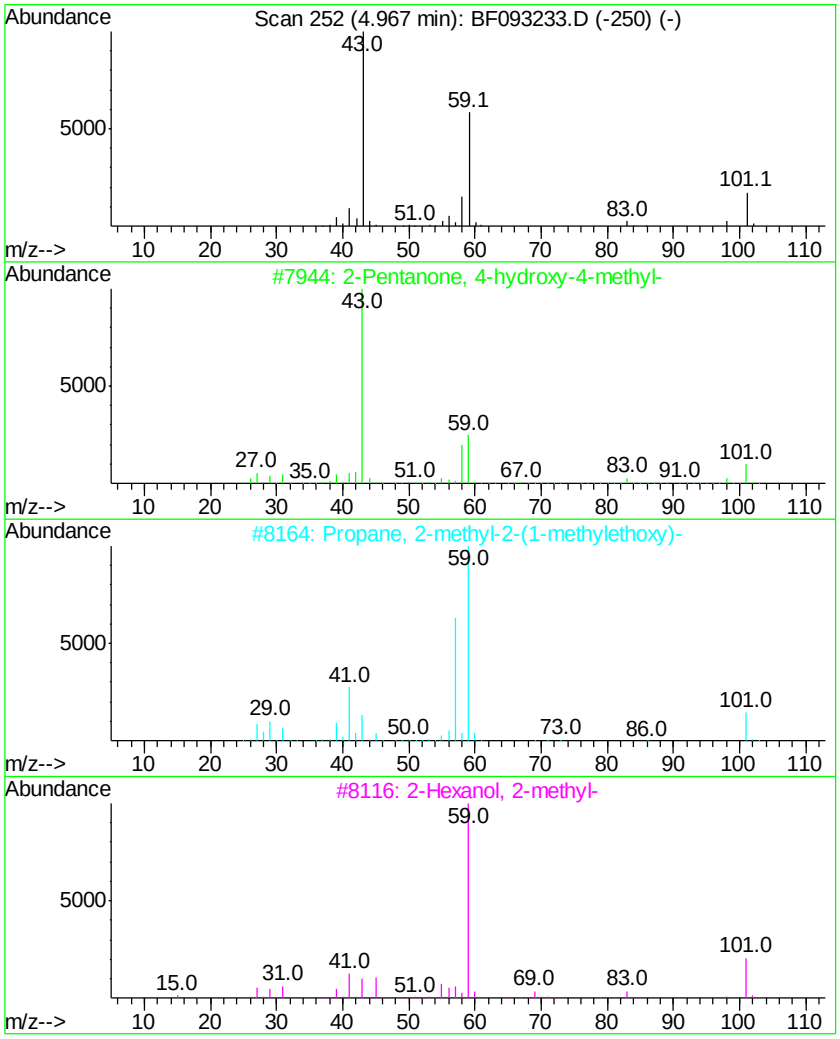
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

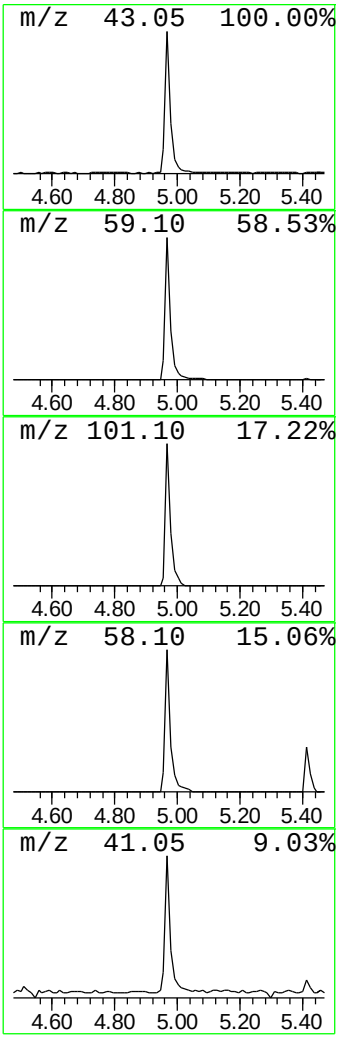
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	5.87 ng	292692	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25





Library Search Compound Report

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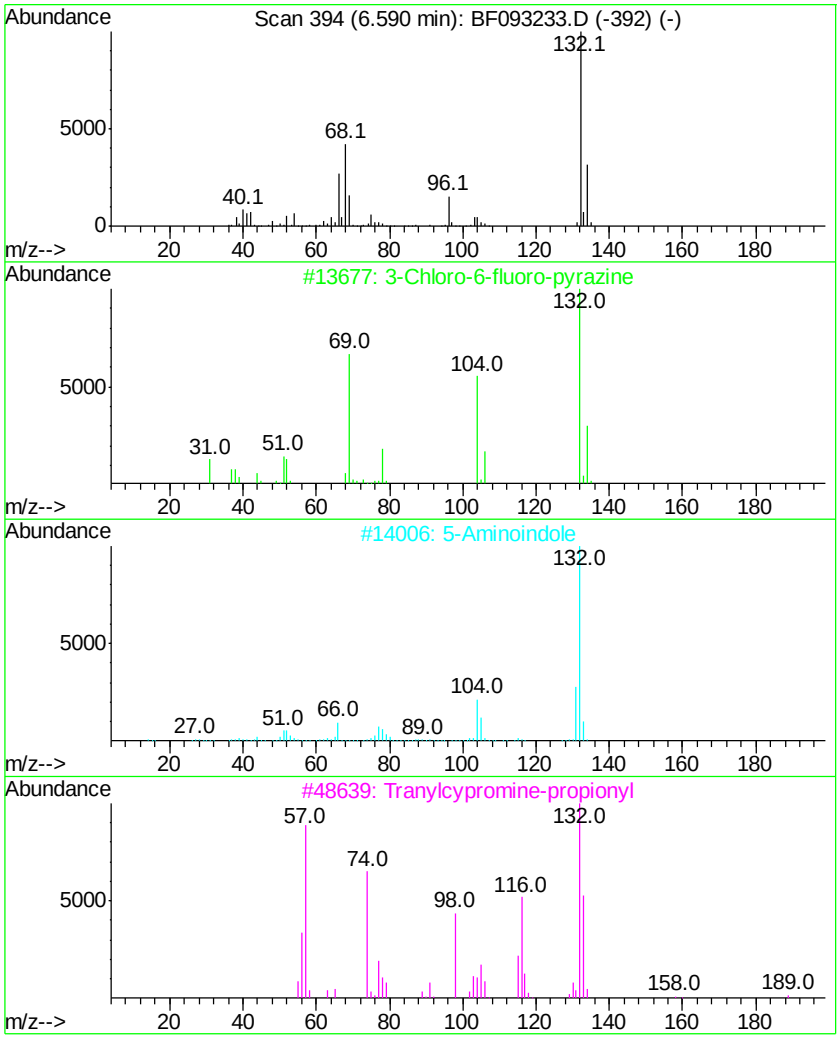
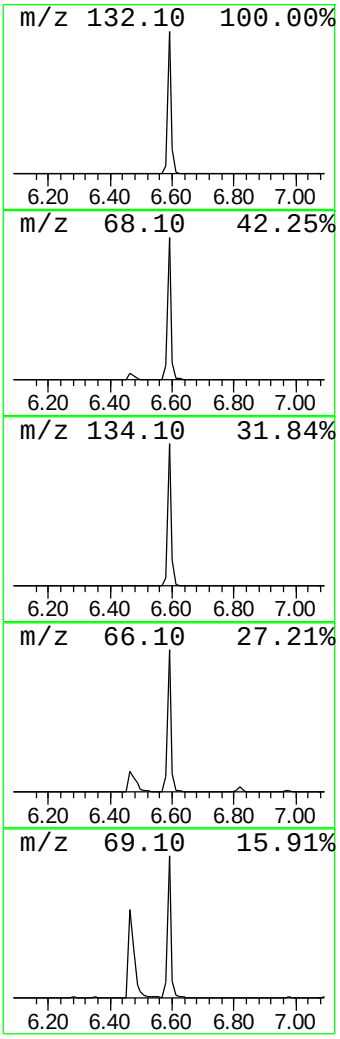
****

Peak Number 2 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	16.76 ng	835774	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2HH8.5-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

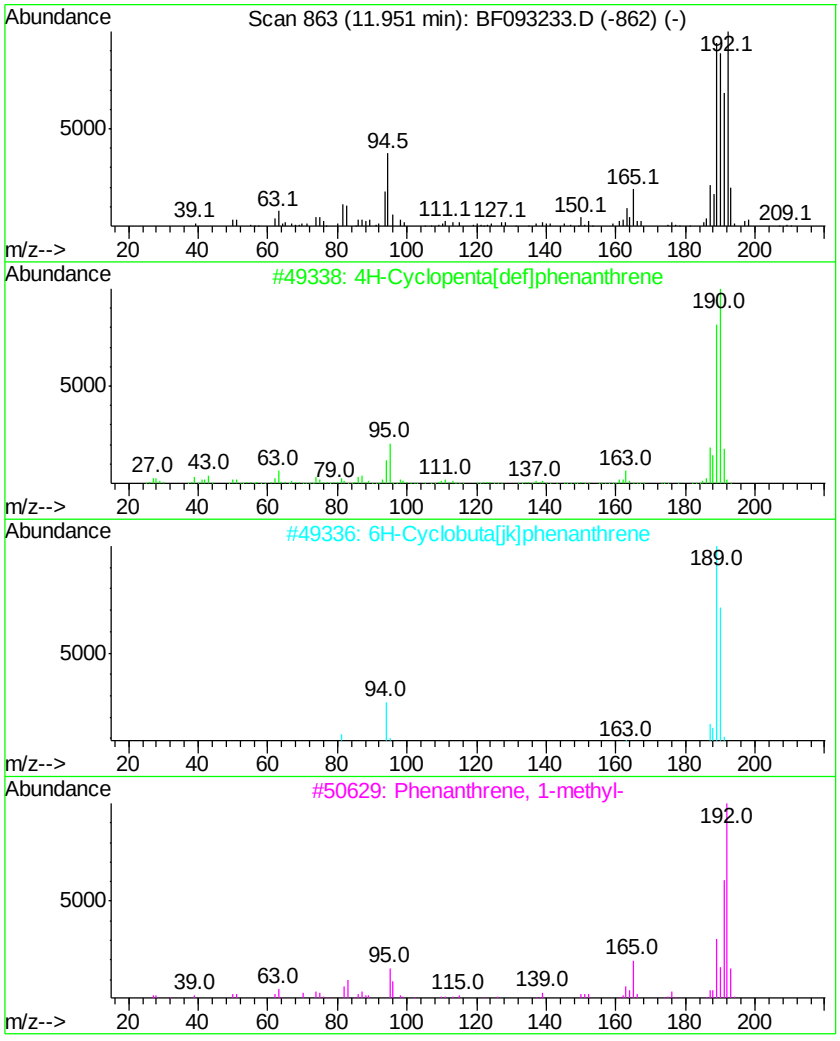
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

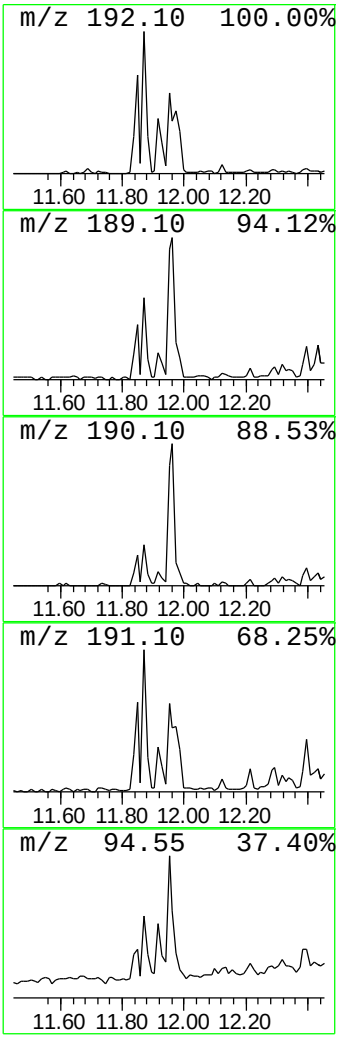
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	2.49 ng	243039	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38





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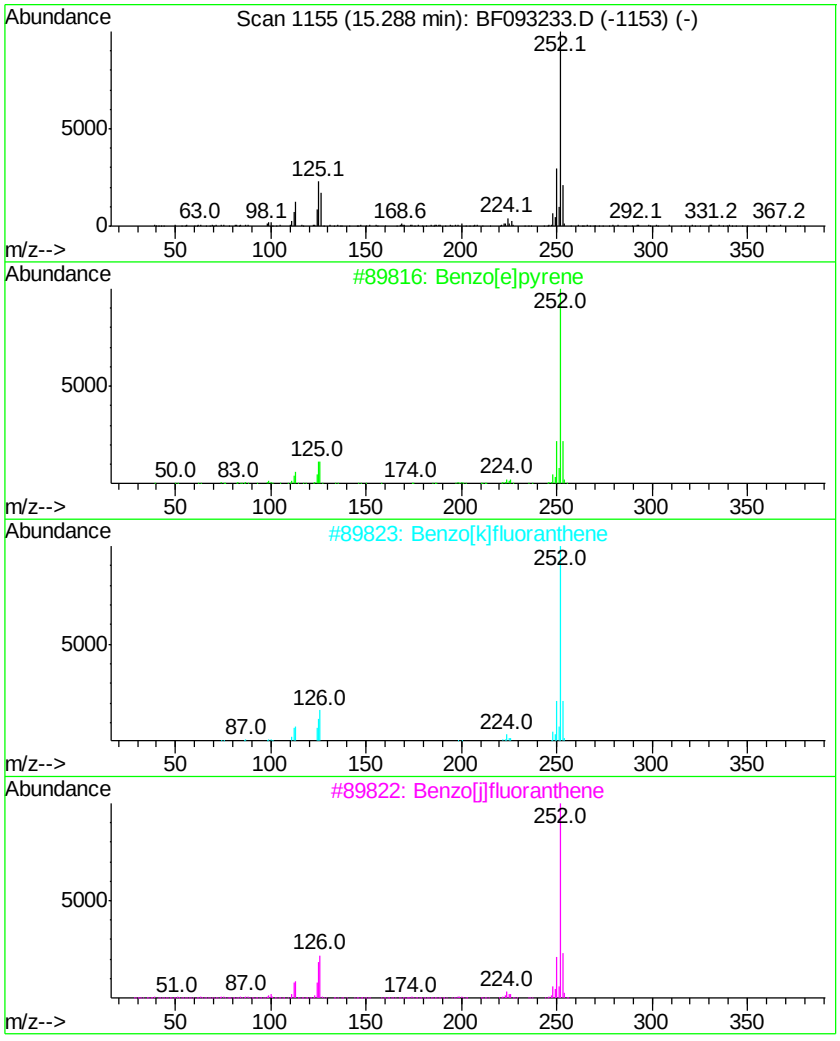
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

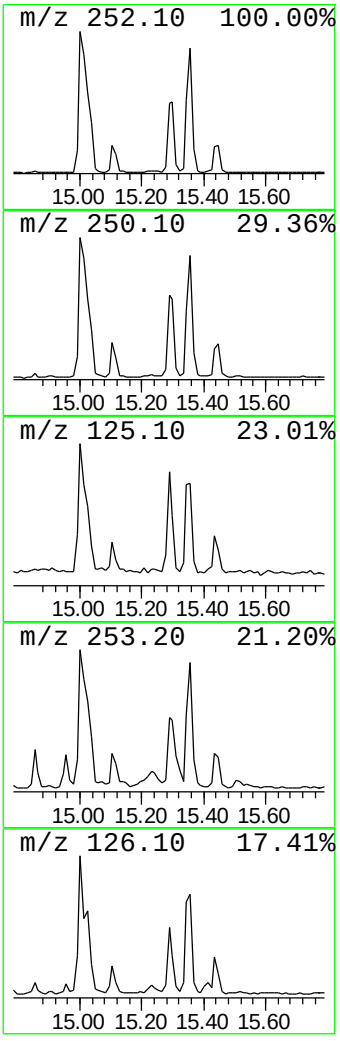
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	5.00 ng	226367	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	92





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.97	5.9	ng	292692	1	6.82	997377	20.0
unknown6.59	6.59	16.8	ng	835774	1	6.82	997377	20.0
4H-Cyclopenta[def...	11.95	2.5	ng	243039	4	11.34	1948970	20.0
Benzo[e]pyrene	15.29	5.0	ng	226367	6	15.41	905871	20.0