LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093221.D
Acq On : 27 Feb 2017 22:57
Operator : SJ/MA
Sample : I1997-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1E-ESW-1

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	3.161	92	94	101	rBV	18880	71683	1.62%	0.152%
2	4.990	251	254	269	rVB	1137091	1851087	41.92%	3.912%
3	5.424	290	292	295	rBV	3808577	3866310	87.55%	8.172%
4	6.476	381	384	386	rBV	3889438	4416043	100.00%	9.333%
5	6.590	392	394	397	rBV	3746233	3723052	84.31%	7.869%
6	6.819	412	414	416	rBV	1252189	1034700	23.43%	2.187%
7	6.979	425	428	430	rBV	3231069	3277706	74.22%	6.928%
8	7.390	461	464	466	rBV	2719089	2681970	60.73%	5.668%
9	8.110	524	527	529	rBV	968388	1367950	30.98%	2.891%
10	9.185	618	621	623	rBV	4217149	4329085	98.03%	9.150%
11	9.585	653	656	658	rBV	904755	1146361	25.96%	2.423%
12	9.791	672	674	676	rBV	40971	44251	1.00%	0.094%
13	9.859	677	680	682	rBV	1632905	1461163	33.09%	3.088%
14	10.282	713	717	719	rBV	55123	88010	1.99%	0.186%
15	10.408	726	728	730	rVB	49264	60307	1.37%	0.127%
16	10.511	734	737	740	rVB2	26117	45587	1.03%	0.096%
17	10.648	746	749	752	rBV	1930441	2085887	47.23%	4.409%
18	10.762	757	759	763	rVB	113595	149008	3.37%	0.315%
19	10.956	772	776	780	rBV3	26850	63292	1.43%	0.134%
20	11.082	785	787	792	rVV3	23008	51165	1.16%	0.108%
21	11.208	795	798	799	rVV2	111677	116759	2.64%	0.247%
22	11.242	799	801	803	rVV	51377	60616	1.37%	0.128%
23	11.345	807	810	811	rBV	1399500	1343616	30.43%	2.840%
24	11.414	814	816	818	rVB	112347	139718	3.16%	0.295%
25	11.585	827	831	834	rBV2	51542	101226	2.29%	0.214%
26	11.631	834	835	838	rVB	63827	59552	1.35%	0.126%
27	11.848	851	854	855	rBV	68691	81977	1.86%	0.173%
28	11.871	855	856	858	rVV	128538	110589	2.50%	0.234%
29	11.916	858	860	862	rVV2	36226	55326	1.25%	0.117%
30	11.951	862	863	868	rVB	126355	205673	4.66%	0.435%
31	12.042	868	871	873	rBV3	25058	49905	1.13%	0.105%
32	12.134	876	879	881	rBV4	49832	79062	1.79%	0.167%
33	12.397	899	902	903	rBV	55340	76985	1.74%	0.163%
34	12.431	903	905	908	rVV	53253	83062	1.88%	0.176%

LSC Area Percent Report

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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.488	908	910	913	rVV	41845	61590	1.39%	0.130%
36	12.557	913	916	918	rVV	997486	870826	19.72%	1.841%
37	12.705	926	929	931	rBV2	42694	69623	1.58%	0.147%
38	12.785	932	936	938	rVV	861724	958663	21.71%	2.026%
39	12.831	938	940	943	rVB2	49641	82206	1.86%	0.174%
40	12.934	946	949	951	rVV	2696540	3224924	73.03%	6.816%
41	13.002	952	955	957	rBV2	64152	113805	2.58%	0.241%
42	13.117	961	965	966	rBV	101118	177935	4.03%	0.376%
43	13.174	969	970	972	rVV	47438	70382	1.59%	0.149%
44	13.219	972	974	977	rVV2	88055	129983	2.94%	0.275%
45	13.311	980	982	983	rBV	48182	45605	1.03%	0.096%
46	13.345	983	985	988	rBV2	37493	66518	1.51%	0.141%
47	13.494	996	998	1000	rBV2	28963	62690	1.42%	0.132%
48	13.620	1005	1009	1011	rBV2	56590	96525	2.19%	0.204%
49	13.734	1016	1019	1020	rBV	75907	105197	2.38%	0.222%
50	13.825	1024	1027	1030	rVB4	232824	367864	8.33%	0.777%
51	13.985	1036	1041	1047	rBV2	1186967	2142703	48.52%	4.529%
52	14.088	1048	1050	1051	rVV	83169	75330	1.71%	0.159%
53	14.214	1060	1061	1067	rVB	61416	84803	1.92%	0.179%
54	14.374	1072	1075	1076	rVV	94788	128665	2.91%	0.272%
55	14.454	1079	1082	1084	rVB3	46293	103787	2.35%	0.219%
56	14.682	1100	1102	1104	rBV2	33321	56920	1.29%	0.120%
57	15.003	1128	1130	1134	rBV	414009	785909	17.80%	1.661%
58	15.105	1137	1139	1141	rVB	92523	97439	2.21%	0.206%
59	15.288	1153	1155	1158	rVB	240694	316821	7.17%	0.670%
60	15.345	1158	1160	1163	rBV	307513	446223	10.10%	0.943%
61	15.414	1163	1166	1172	rBV2	698669	1046156	23.69%	2.211%
62	15.825	1199	1202	1204	rBV3	55823	97891	2.22%	0.207%
63	15.871	1204	1206	1210	rVV4	42180	113290	2.57%	0.239%
64	15.940	1210	1212	1218	rVB3	40781	88631	2.01%	0.187%
65	16.808	1284	1288	1296	rVB	161792	405086	9.17%	0.856%
66	17.220	1321	1324	1329	rVB	125264	282061	6.39%	0.596%
67	17.460	1342	1345	1352	rVB2	44526	159545	3.61%	0.337%

Sum of corrected areas: 47314279

LSC Report - Integrated Chromatogram

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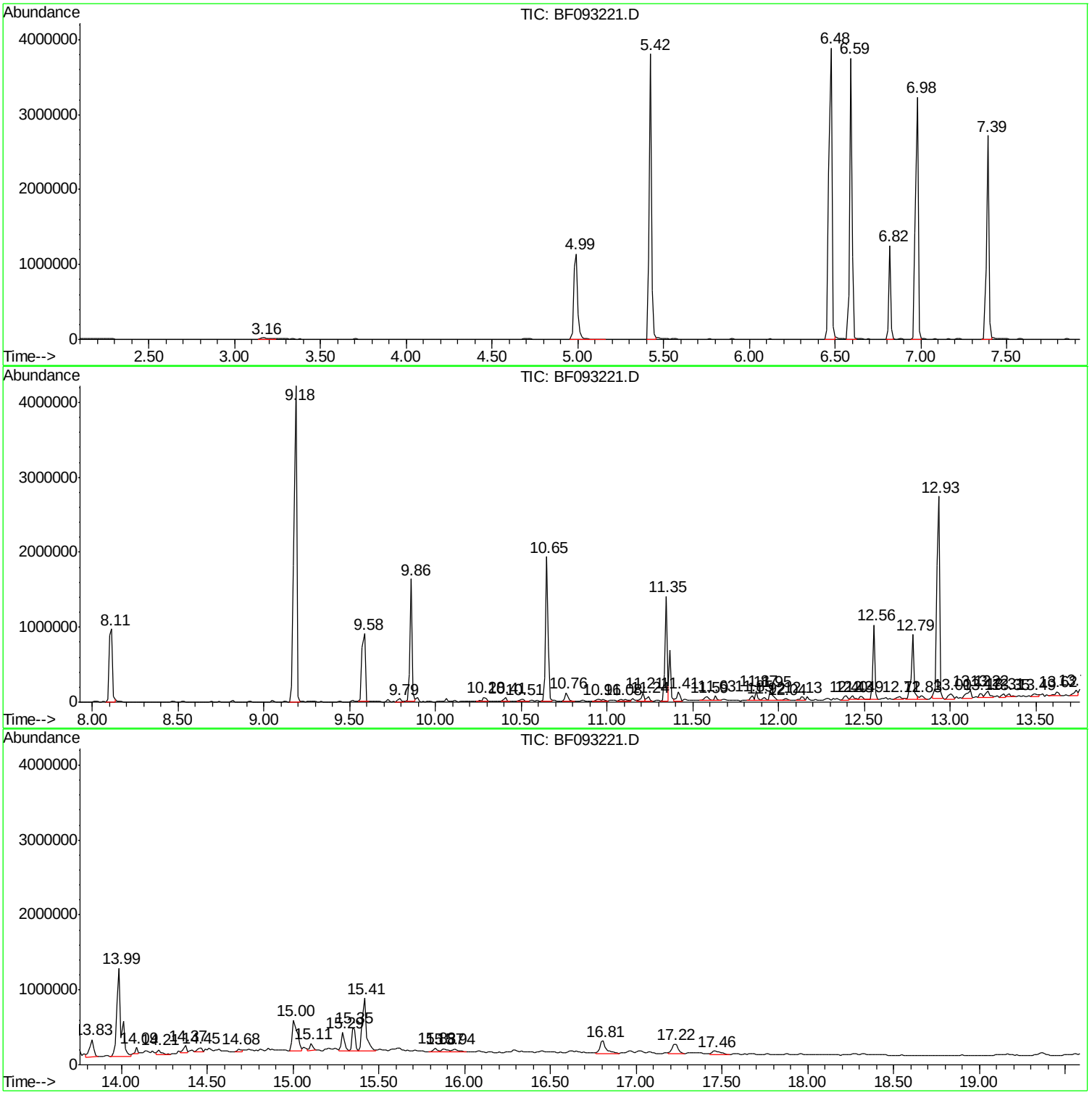
Acq On : 27 Feb 2017 22:57
Operator : SJ/MA
Sample : I1997-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1E-ESW-1

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



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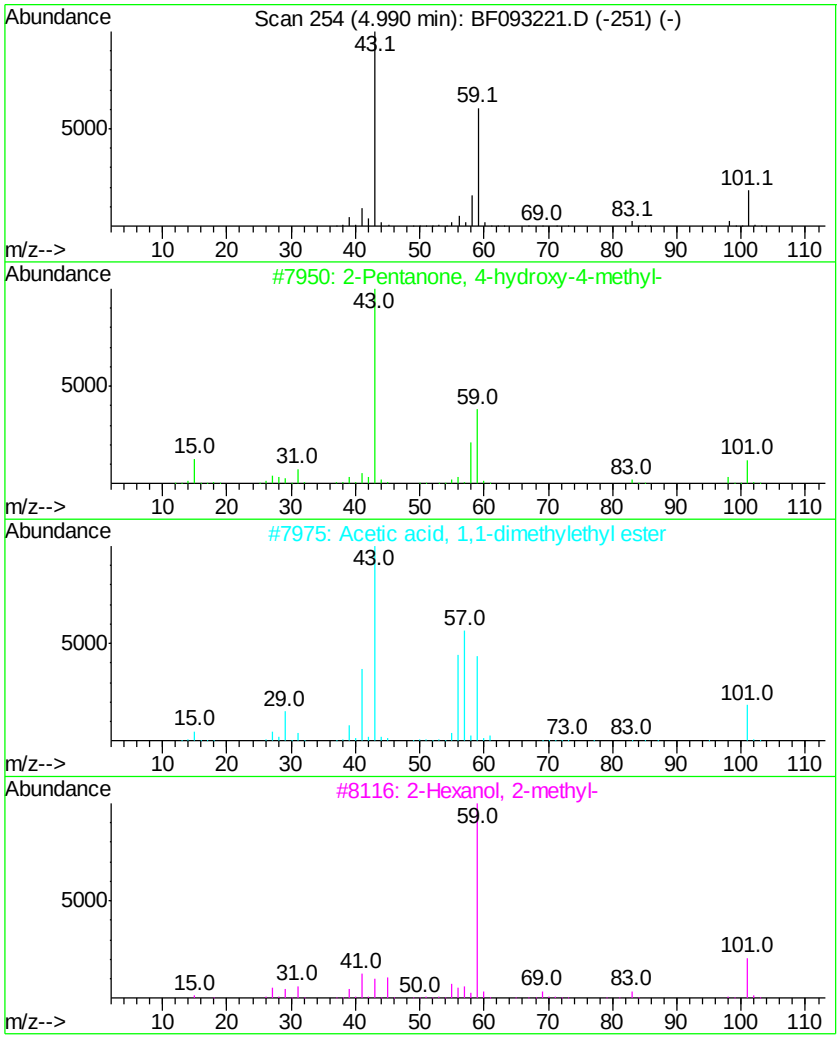
TIC Integration Parameters: LSCINT.P

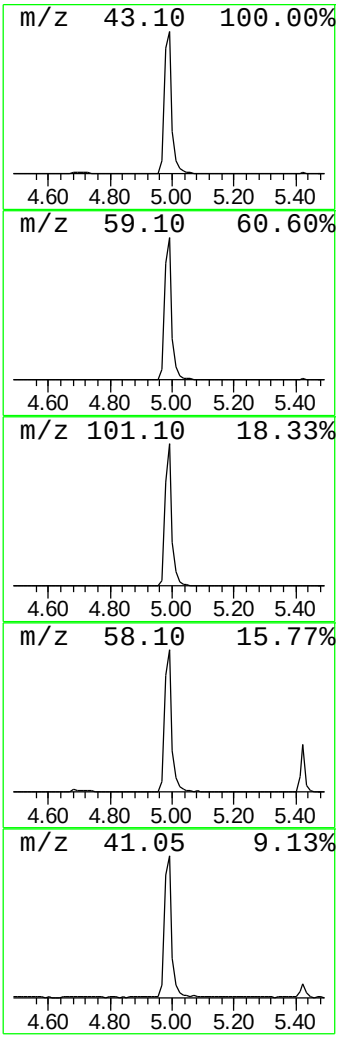
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	35.78 ng	1851090	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	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
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Acq On : 27 Feb 2017 22:57
Operator : SJ/MA
Sample : I1997-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1E-ESW-1

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

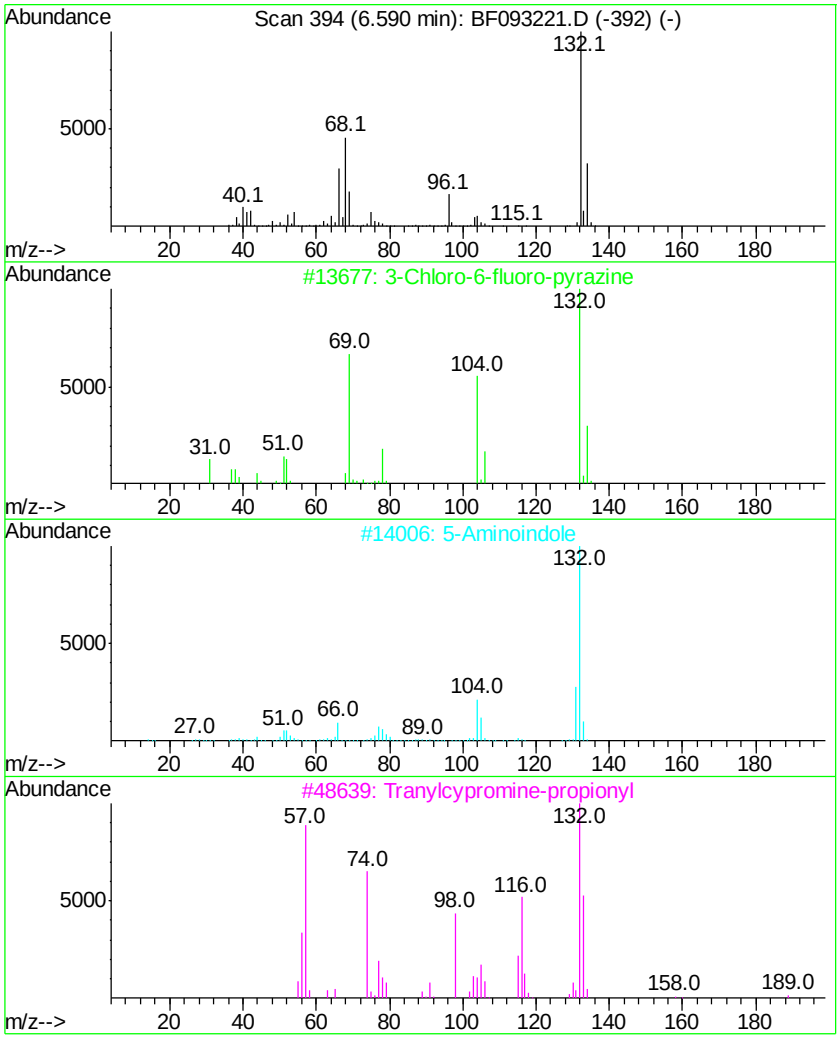
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

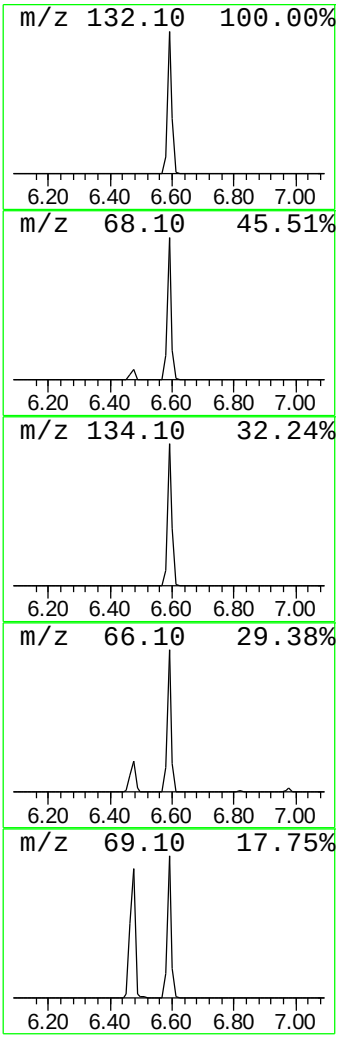
****

Peak Number 2 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	71.96 ng	3723050	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	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Instrument : BNA_F
ClientSampleId : E2-B1E-ESW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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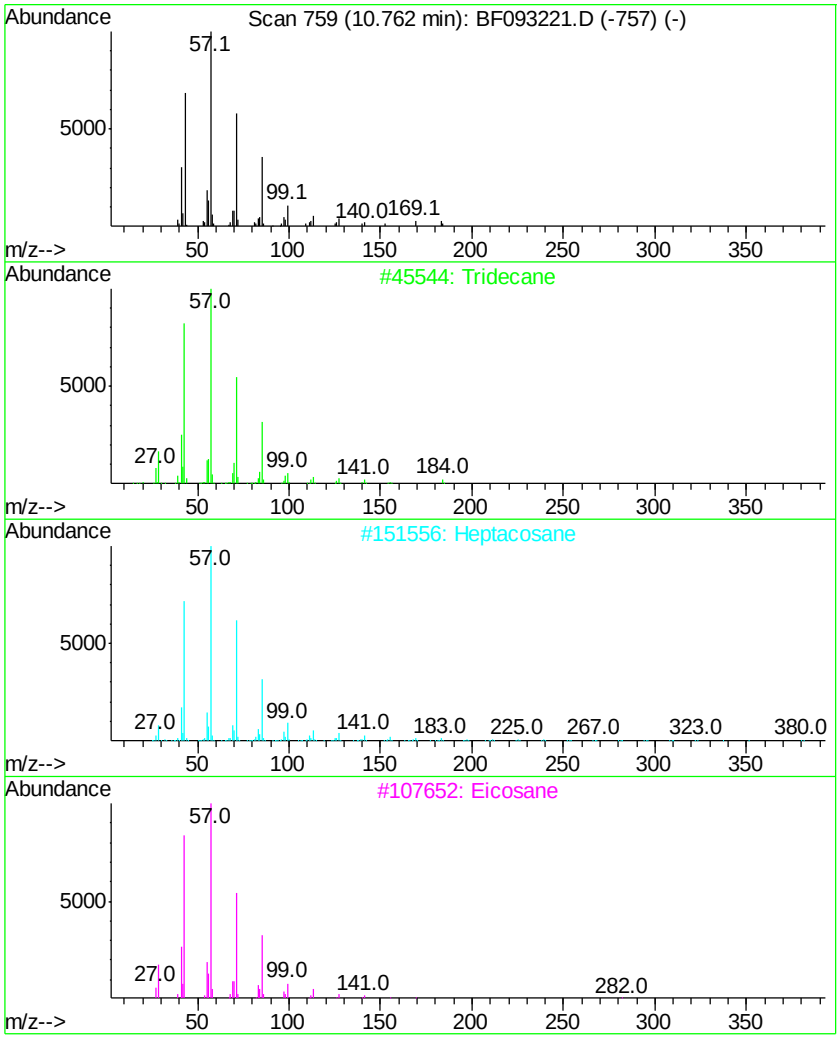
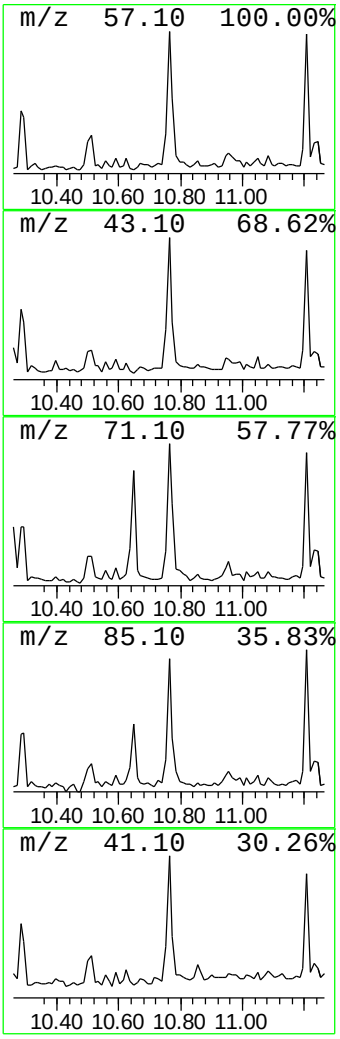
Peak Number 4 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	2.22 ng	149008	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Heptacosane	380	C27H56	000593-49-7	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5	Hexadecane	226	C16H34	000544-76-3	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
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Misc :
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Instrument : BNA_F
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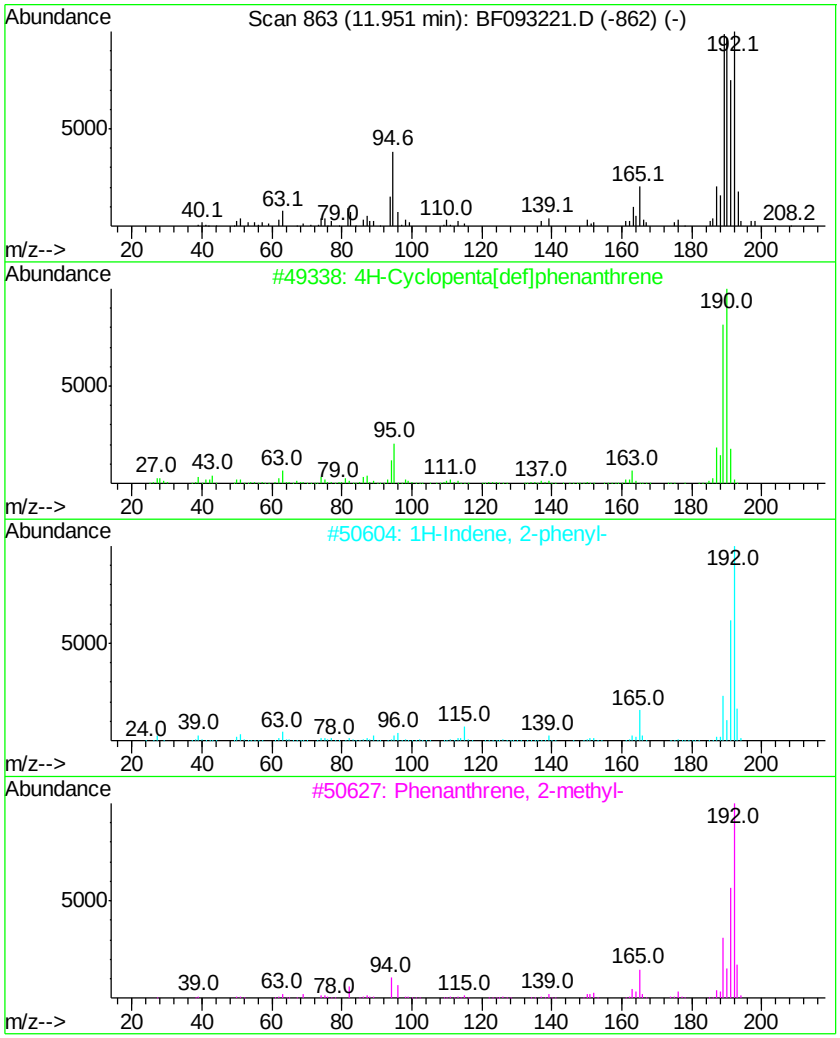
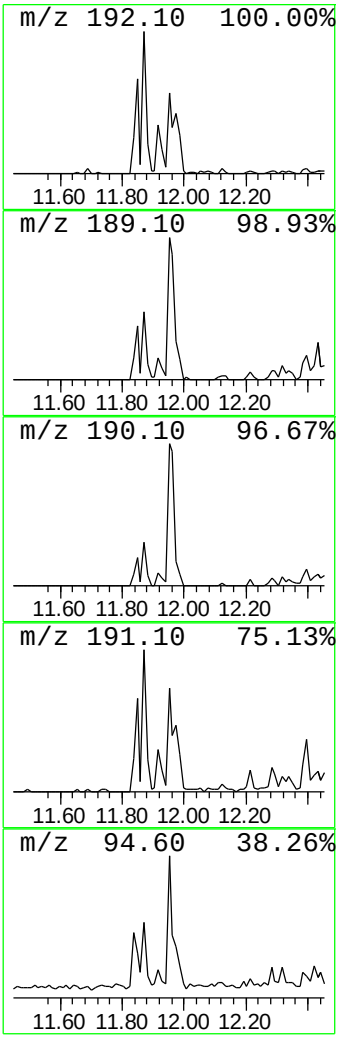
Peak Number 5 unknown11.95 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	3.06 ng	205673	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	45
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	41
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	41





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Instrument : BNA_F
ClientSampleId : E2-B1E-ESW-1

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

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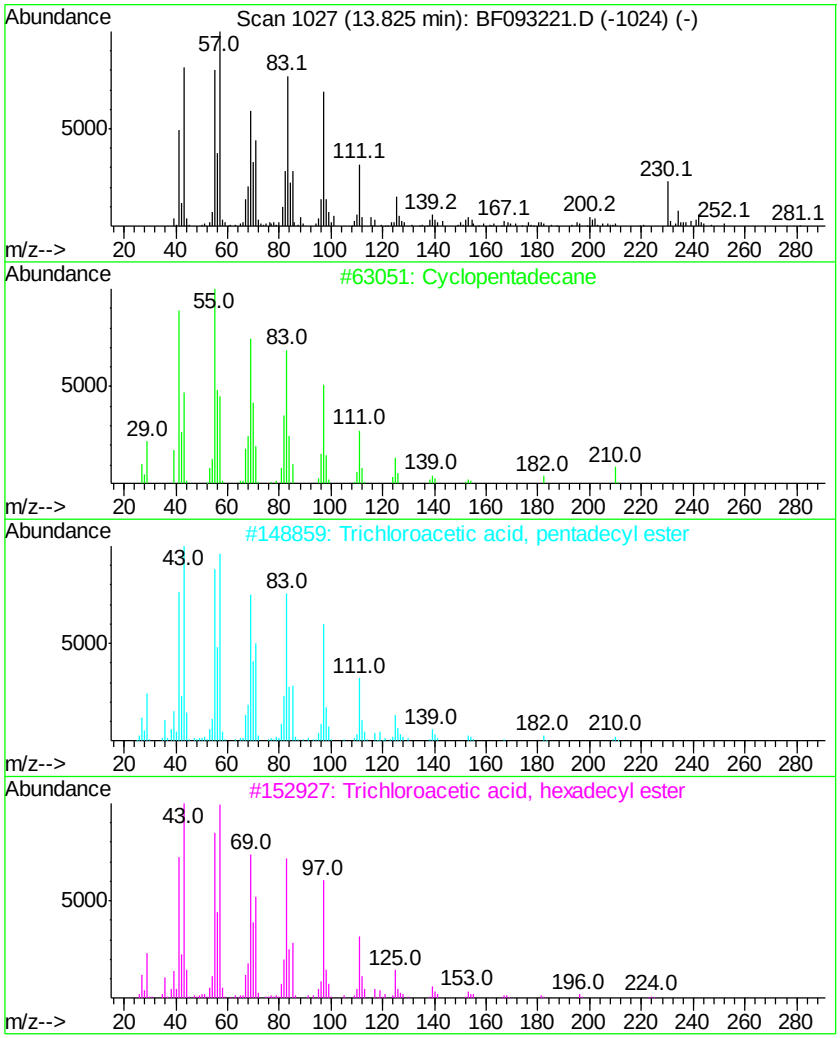
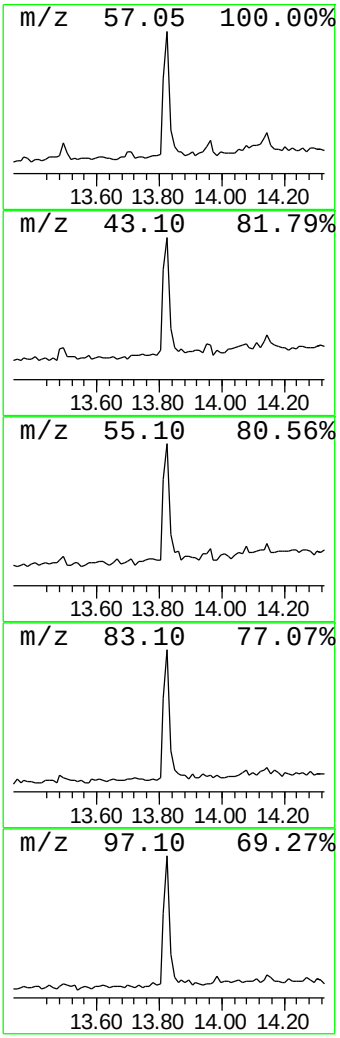
Peak Number 6 Cyclopentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	3.43 ng	367864	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	92
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	83





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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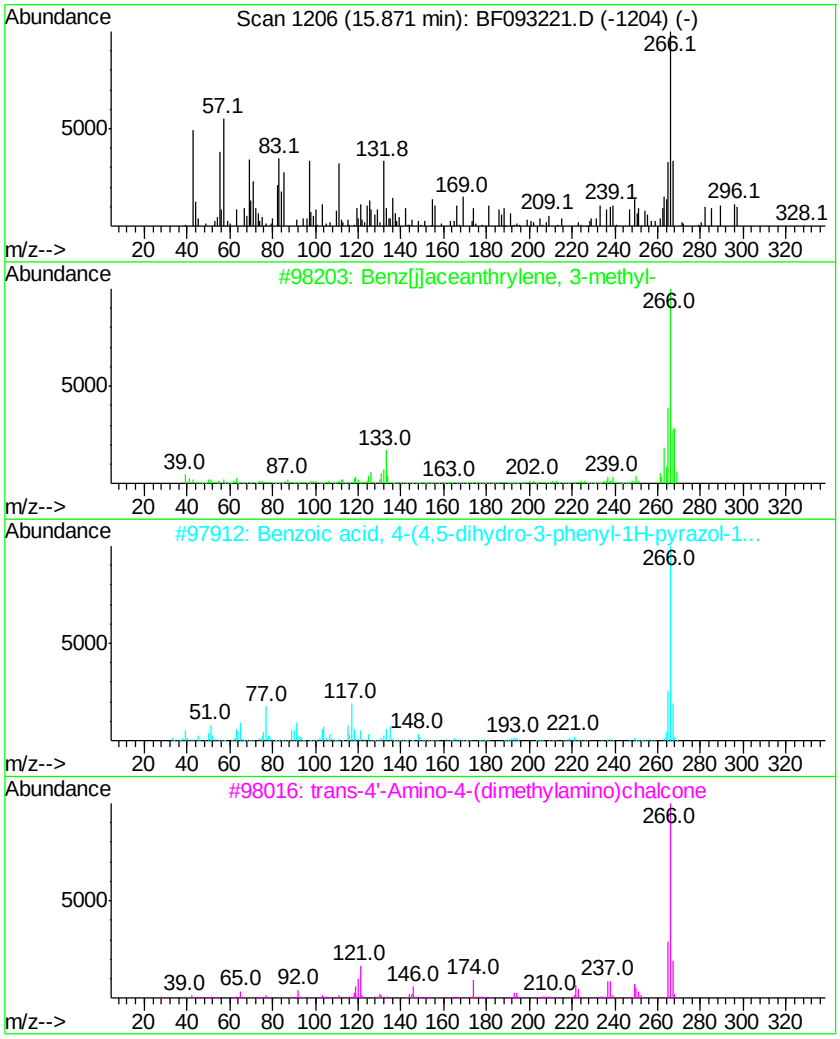
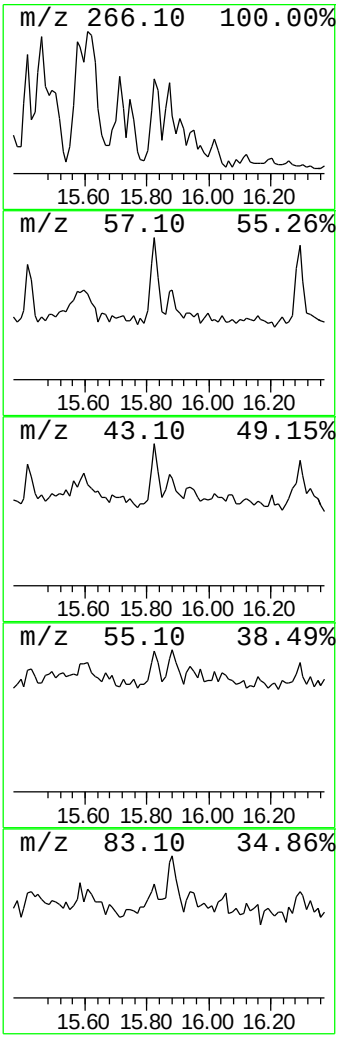
Peak Number 8 Benz[j]aceanthrylene, 3-met... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	2.17 ng	113290	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	58
2	Benzoic acid, 4-(4,5-dihydro-3-p...	266	C16H14N2O2	026192-74-5	50
3	trans-4'-Amino-4-(dimethylamino)...	266	C17H18N2O	1000234-51-4	49
4	Benzo[1,2-b:4,3-b']dithiophene, ...	266	C16H10S2	016587-58-9	47
5	(1-Cyclohexenyl)ferrocene	266	C16H18Fe	033183-07-2	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1E-ESW-1

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.99	35.8	ng	1851090	1	6.82	1034700	20.0
unknown6.59	6.59	72.0	ng	3723050	1	6.82	1034700	20.0
Tridecane	10.76	2.2	ng	149008	4	11.35	1343620	20.0
unknown11.95	11.95	3.1	ng	205673	4	11.35	1343620	20.0
Cyclopentadecane	13.83	3.4	ng	367864	5	13.99	2142700	20.0
Benz[j]aceanthryl...	15.87	2.2	ng	113290	6	15.41	1046160	20.0