LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090657.D
Acq On : 19 Oct 2016 19:38
Operator : UM/SJ
Sample : H5304-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-TP

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-BF101316.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	5.068	236	239	245	rBV	613072	814310	18.42%	1.379%
2	5.491	273	276	278	rBV	3384166	3291083	74.43%	5.575%
3	6.520	363	366	375	rBV	3005971	3352313	75.81%	5.678%
4	6.657	375	378	380	rBV	3380805	3626437	82.01%	6.143%
5	6.760	385	387	396	rVB3	30554	83888	1.90%	0.142%
6	6.886	396	398	408	rBV	1451230	1442108	32.61%	2.443%
7	7.046	409	412	414	rBV	2491900	2873978	64.99%	4.868%
8	7.446	445	447	453	rBV	1852679	2158523	48.81%	3.656%
9	7.537	453	455	459	rVB	56520	94237	2.13%	0.160%
10	7.914	485	488	491	rBV	72236	90900	2.06%	0.154%
11	8.177	508	511	513	rBV	1501994	2026731	45.83%	3.433%
12	8.829	564	568	570	rBV3	28564	45407	1.03%	0.077%
13	9.252	602	605	607	rBV	4759593	4189676	94.75%	7.097%
14	9.640	637	639	642	rVB	485071	470223	10.63%	0.796%
15	9.789	650	652	654	rBV	318940	288484	6.52%	0.489%
16	9.926	662	664	666	rBV	2334324	2143605	48.48%	3.631%
17	9.960	666	667	669	rVB	90905	72971	1.65%	0.124%
18	10.132	680	682	684	rBV	63666	76836	1.74%	0.130%
19	10.360	701	702	703	rVB	108291	74233	1.68%	0.126%
20	10.440	706	709	711	rBV3	42975	53517	1.21%	0.091%
21	10.475	711	712	715	rVB	55276	65381	1.48%	0.111%
22	10.578	715	721	724	rBV4	46138	134675	3.05%	0.228%
23	10.715	731	733	736	rBV	1970285	2015526	45.58%	3.414%
24	10.840	742	744	748	rVB	116400	189651	4.29%	0.321%
25	11.023	758	760	764	rBV6	31501	71079	1.61%	0.120%
26	11.218	776	777	779	rBV	52391	52657	1.19%	0.089%
27	11.286	779	783	784	rBV3	88330	149113	3.37%	0.253%
28	11.412	792	794	799	rBV2	1656175	2952543	66.77%	5.001%
29	11.492	799	801	803	rVB	210936	223166	5.05%	0.378%
30	11.652	812	815	818	rBV4	53239	150462	3.40%	0.255%
31	11.709	818	820	822	rVV	81575	80524	1.82%	0.136%
32	11.915	836	838	839	rBV	154076	144601	3.27%	0.245%
33	11.949	839	841	843	rVV	188577	240685	5.44%	0.408%
34	11.995	843	845	846	rVV2	61847	78042	1.76%	0.132%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : COMP-TP

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-BF101316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.029	846	848	853	rVB2	253945	413284	9.35%	0.700%
36	12.235	862	866	870	rBV2	128995	297708	6.73%	0.504%
37	12.463	884	886	888	rBV2	135873	207715	4.70%	0.352%
38	12.555	892	894	898	rBV2	129651	192022	4.34%	0.325%
39	12.635	898	901	903	rBV	1768461	2426597	54.88%	4.110%
40	12.726	907	909	911	rBV	122612	144551	3.27%	0.245%
41	12.864	917	921	923	rBV	1824138	2674246	60.48%	4.530%
42	12.909	923	925	927	rVB2	78113	108626	2.46%	0.184%
43	13.001	931	933	937	rVV	2726083	2702025	61.11%	4.577%
44	13.081	937	940	942	rVV2	126516	235682	5.33%	0.399%
45	13.184	945	949	951	rVV2	170667	336378	7.61%	0.570%
46	13.286	956	958	962	rBV	200700	292497	6.61%	0.495%
47	13.378	965	966	968	rVV	100745	107793	2.44%	0.183%
48	13.412	968	969	971	rVV	111399	105420	2.38%	0.179%
49	13.698	992	994	996	rBV	159371	223044	5.04%	0.378%
50	13.801	1001	1003	1005	rBV2	147486	259560	5.87%	0.440%
51	13.835	1005	1006	1007	rVV	187769	180266	4.08%	0.305%
52	13.904	1010	1012	1015	rVB2	253517	333090	7.53%	0.564%
53	14.052	1022	1025	1032	rBV2	1857397	4421848	100.00%	7.490%
54	15.092	1114	1116	1121	rBV	1164971	2705381	61.18%	4.582%
55	15.389	1140	1142	1145	rVB	672226	953893	21.57%	1.616%
56	15.458	1145	1148	1151	rVV	888219	1481173	33.50%	2.509%
57	15.515	1151	1153	1163	rVB2	1110455	2541411	57.47%	4.305%
58	16.955	1276	1279	1285	rVB2	444912	980498	22.17%	1.661%
59	17.378	1313	1316	1321	rVB	390721	895468	20.25%	1.517%

Sum of corrected areas: 59037741

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090657.D
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Operator : UM/SJ
Sample : H5304-01
Misc :
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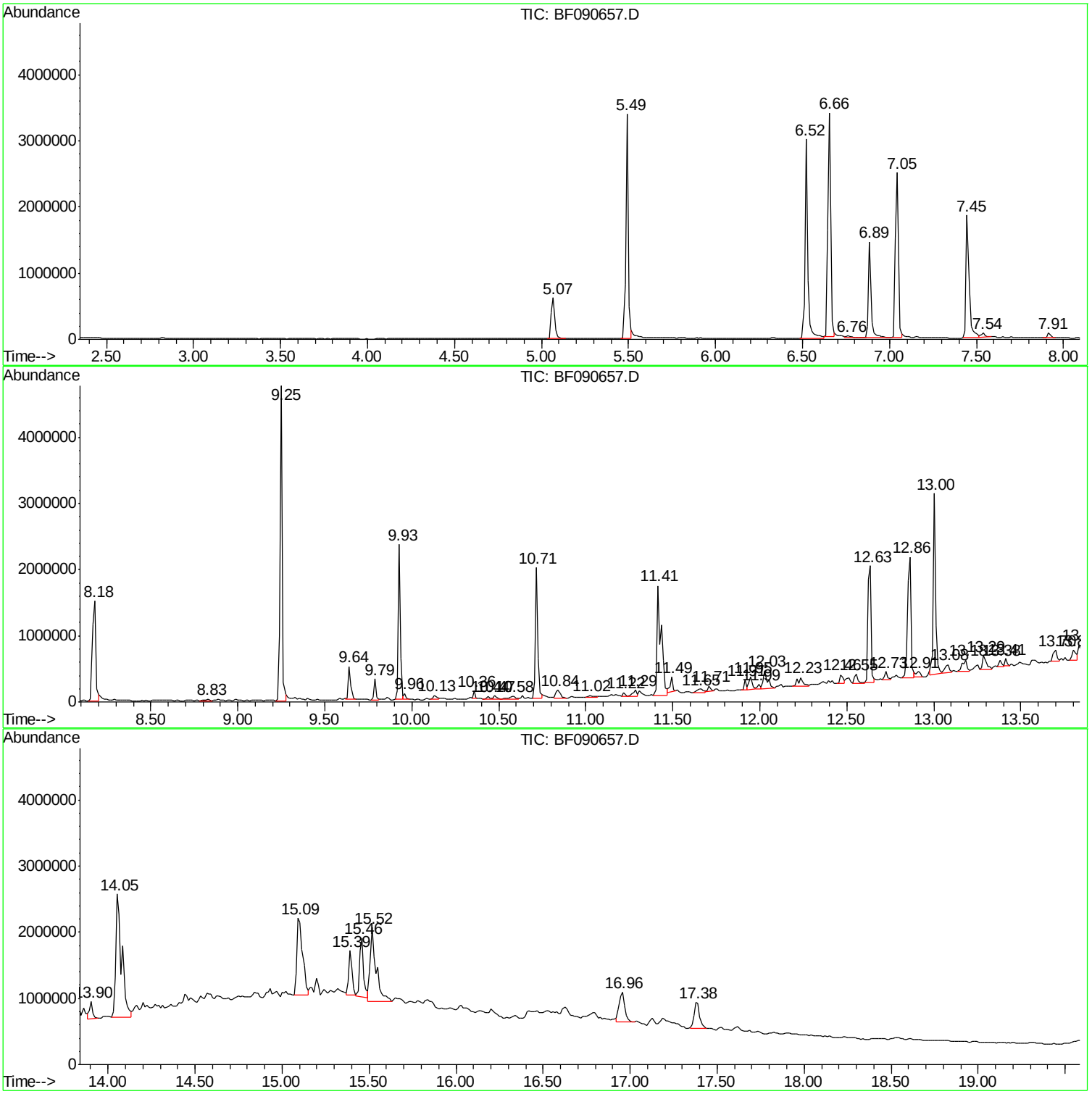
Instrument : BNA_F
ClientSampleId : COMP-TP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090657.D
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Operator : UM/SJ
Sample : H5304-01
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

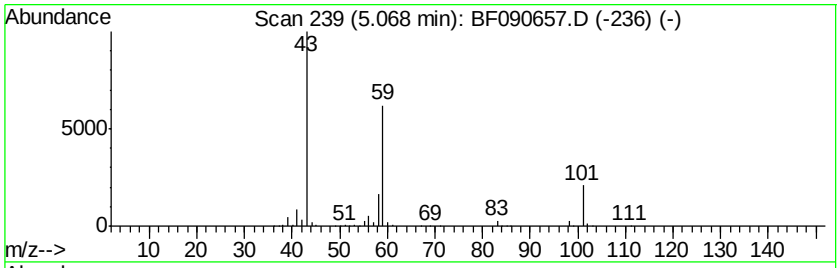
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

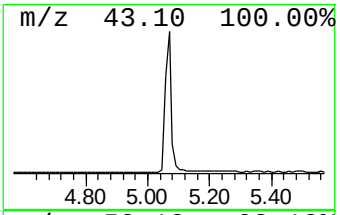
****

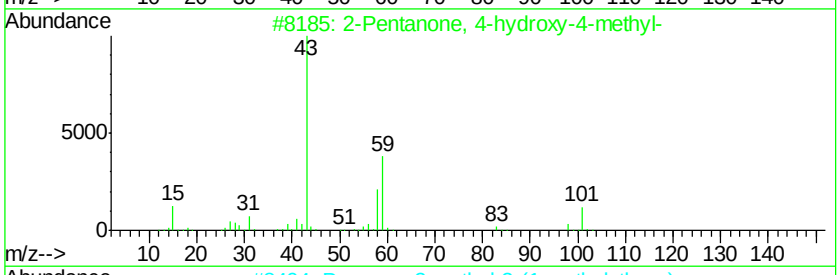
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

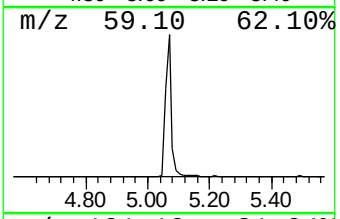
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	11.29 ng	814310	1,4-Dichlorobenzene-d4	6.89

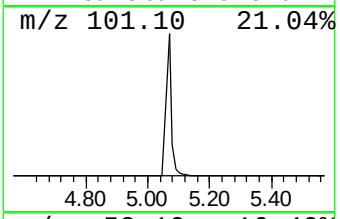
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9

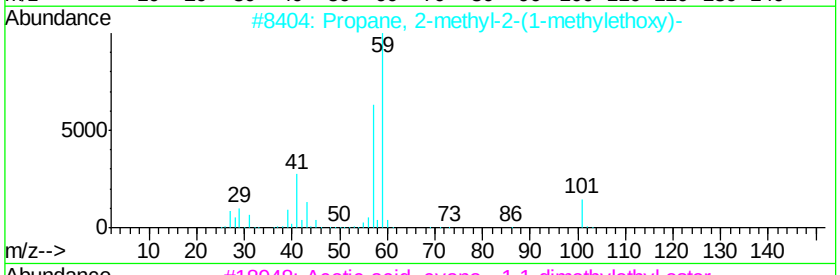


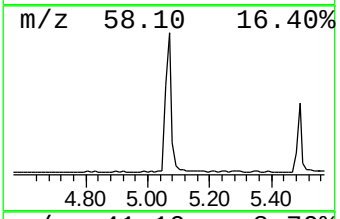


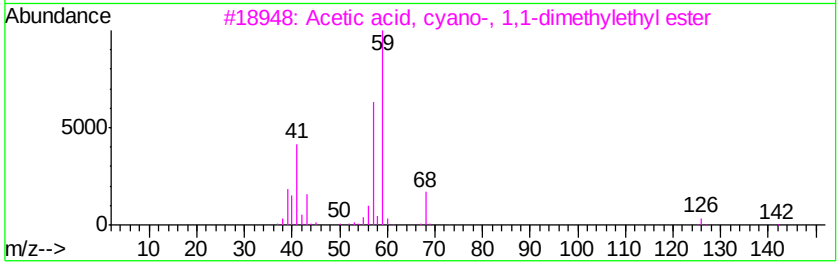


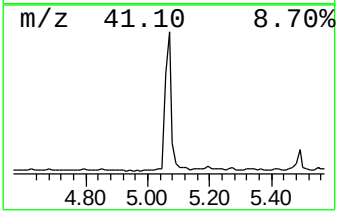












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Instrument : BNA_F
ClientSampleId : COMP-TP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

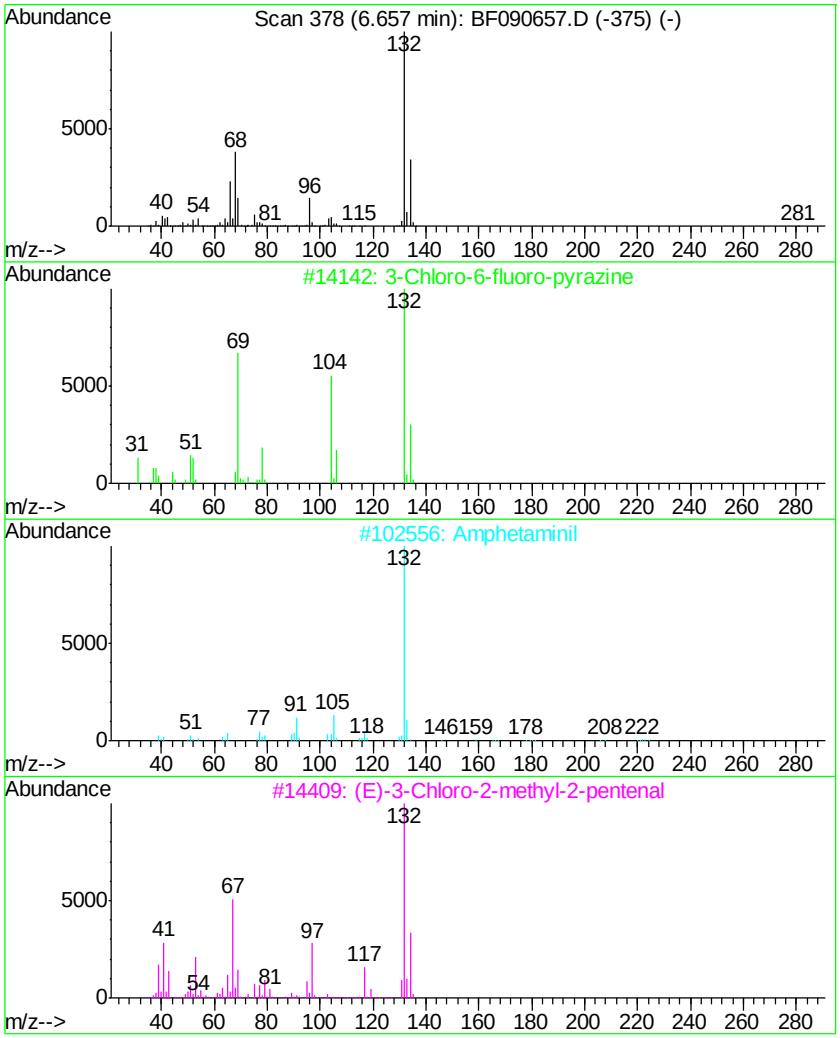
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

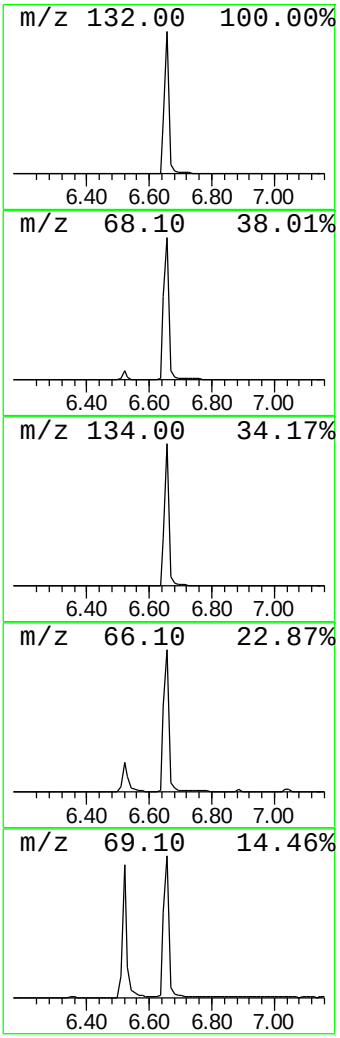
****

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	50.29 ng	3626440	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	Amphetaminil	250	C17H18N2	017590-01-1	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Instrument : BNA_F
ClientSampleId : COMP-TP

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TIC Library : C:\DATABASE\NIST11.L
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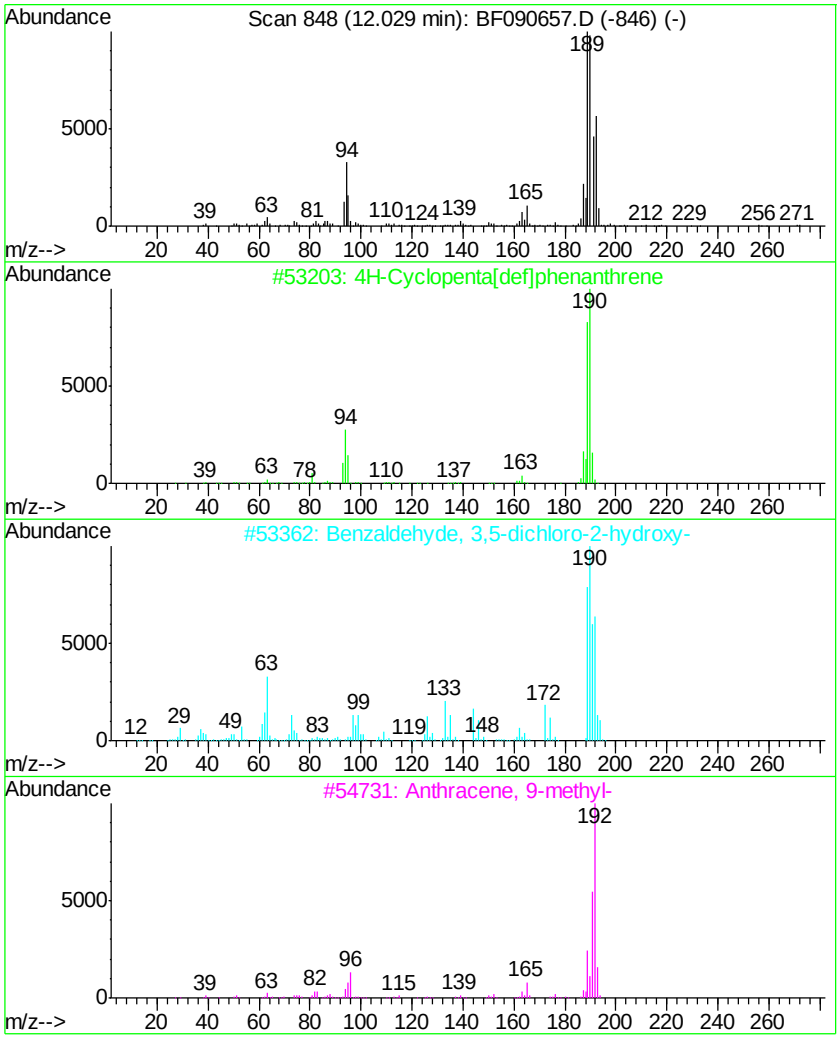
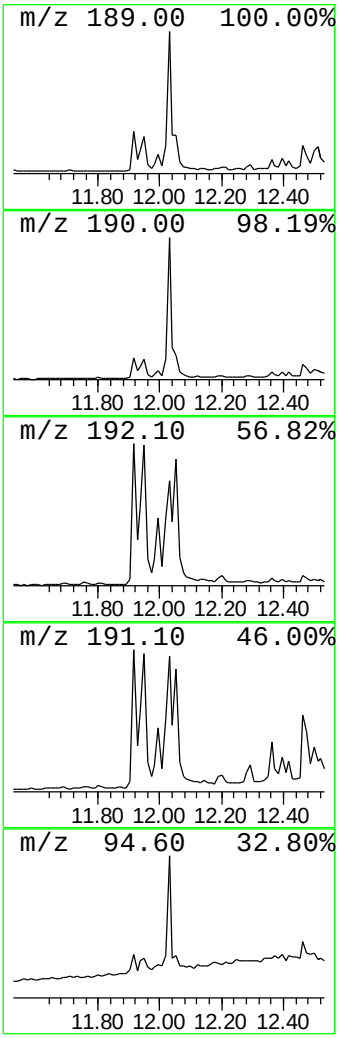
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.80 ng	413284	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	22
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	18
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	18





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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

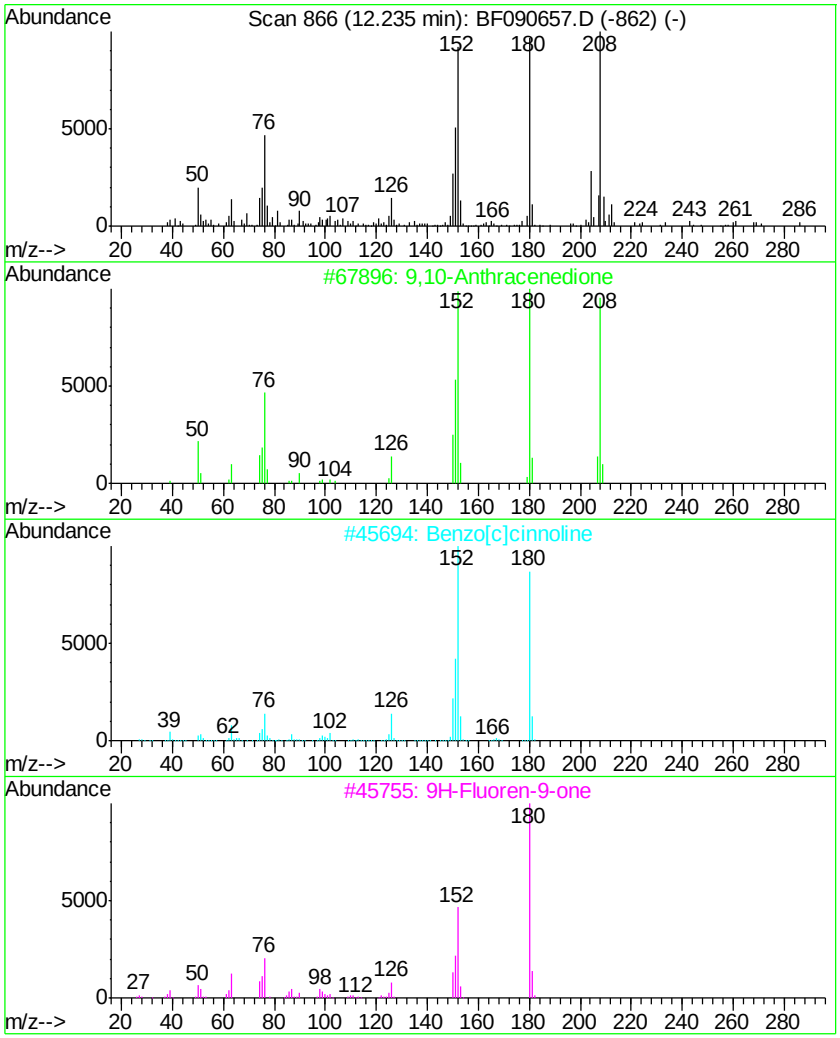
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

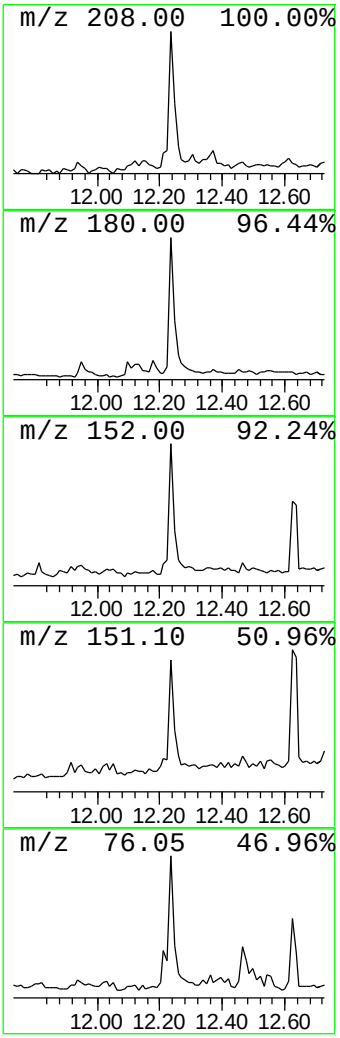
****

Peak Number 5 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	2.02 ng	297708	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	46





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Sample : H5304-01
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Instrument : BNA_F
ClientSampleId : COMP-TP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

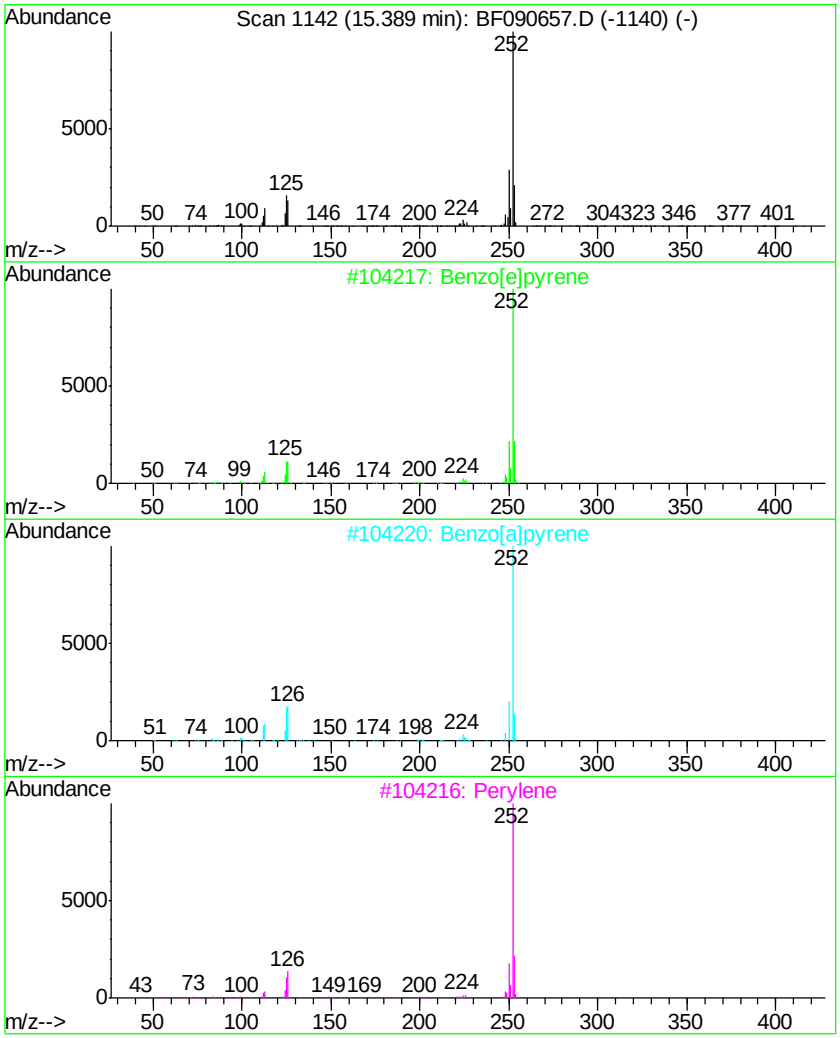
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

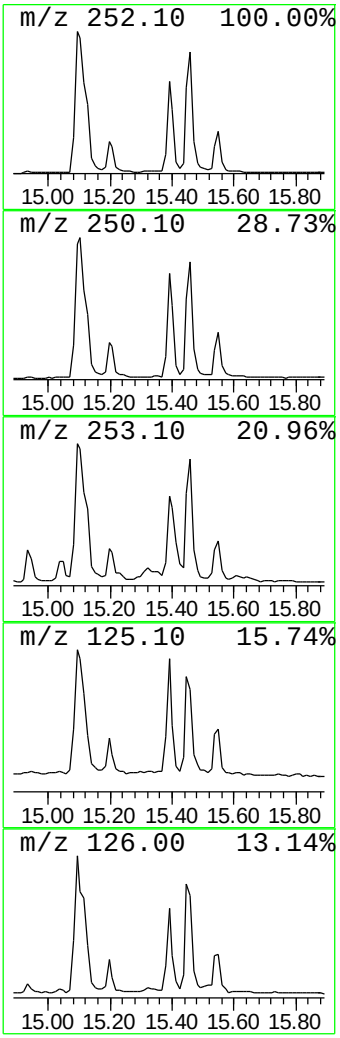
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	7.51 ng	953893	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Perylene	252	C20H12	000198-55-0	91
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101916\
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Acq On : 19 Oct 2016 19:38
Operator : UM/SJ
Sample : H5304-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-TP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.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
2-Pentanone, 4-hy...	5.07	11.3	ng	814310	1	6.89	1442110	20.0
unknown6.66	6.66	50.3	ng	3626440	1	6.89	1442110	20.0
4H-Cyclopenta[def...	12.03	2.8	ng	413284	4	11.41	2952540	20.0
9,10-Anthracenedione	12.23	2.0	ng	297708	4	11.41	2952540	20.0
Benzo[e]pyrene	15.39	7.5	ng	953893	6	15.52	2541410	20.0