LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083265.D
Acq On : 25 Nov 2015 5:01
Operator : UM/IZ
Sample : G4440-04 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V1S4

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-BF112115.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	4.719	236	239	249	rBV	519754	739904	17.71%	2.372%
2	5.199	279	281	290	rBV	992126	1156271	27.68%	3.707%
3	5.393	295	298	304	rVB	78658	94364	2.26%	0.303%
4	6.273	373	375	382	rBV	1240294	1303167	31.19%	4.178%
5	6.376	382	384	387	rVV	860010	1157954	27.72%	3.712%
6	6.604	402	404	407	rBV	1199392	1192150	28.53%	3.822%
7	6.764	415	418	420	rBV	980643	871253	20.85%	2.793%
8	7.176	452	454	458	rBV	859904	762310	18.25%	2.444%
9	7.896	515	517	520	rBV	1661036	1512750	36.21%	4.850%
10	8.468	563	567	569	rBV2	38010	51344	1.23%	0.165%
11	8.685	584	586	591	rBV2	26236	66805	1.60%	0.214%
12	8.982	609	612	614	rBV	1026325	1102085	26.38%	3.533%
13	9.382	644	647	649	rBV	207805	215843	5.17%	0.692%
14	9.645	668	670	672	rBV	1584349	1478631	35.39%	4.740%
15	10.193	716	718	719	rVB2	48237	44701	1.07%	0.143%
16	10.433	736	739	741	rBV	534852	548480	13.13%	1.758%
17	10.582	749	752	754	rBV	52501	80632	1.93%	0.258%
18	10.628	754	756	758	rVV	39609	44559	1.07%	0.143%
19	10.662	758	759	761	rVB2	45615	52028	1.25%	0.167%
20	10.811	770	772	774	rVB3	36625	52753	1.26%	0.169%
21	10.845	774	775	776	rBV	44995	43605	1.04%	0.140%
22	11.016	788	790	792	rVV	55773	57485	1.38%	0.184%
23	11.119	797	799	803	rBV2	1265237	1819353	43.55%	5.833%
24	11.199	803	806	808	rVB	127592	138932	3.33%	0.445%
25	11.359	818	820	824	rBV	65857	101607	2.43%	0.326%
26	11.622	841	843	844	rBV	86251	74498	1.78%	0.239%
27	11.645	844	845	847	rVV	59460	107159	2.56%	0.344%
28	11.736	851	853	856	rVB2	131583	235011	5.63%	0.753%
29	11.942	867	871	873	rBV2	110782	208881	5.00%	0.670%
30	12.068	880	882	884	rBV3	56297	80885	1.94%	0.259%
31	12.171	889	891	892	rBV	50870	53963	1.29%	0.173%
32	12.331	903	905	907	rBV	1406297	1415571	33.88%	4.538%
33	12.376	907	909	912	rBV2	131802	159371	3.81%	0.511%
34	12.456	914	916	922	rBV3	79898	269633	6.45%	0.864%

LSC Area Percent Report

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Acq On : 25 Nov 2015 5:01
Operator : UM/IZ
Sample : G4440-04 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V1S4

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.548	922	924	926	rBV2	1027123	1281303	30.67%	4.108%
36	12.605	926	929	932	rVB2	89899	105069	2.51%	0.337%
37	12.674	933	935	936	rBV	82553	87872	2.10%	0.282%
38	12.708	936	938	940	rVV	888147	866028	20.73%	2.776%
39	12.879	951	953	955	rVB	197362	231636	5.54%	0.743%
40	12.948	957	959	961	rBV	202631	221525	5.30%	0.710%
41	12.982	961	962	966	rVB3	99111	203968	4.88%	0.654%
42	13.188	978	980	982	rBV	203919	174335	4.17%	0.559%
43	13.497	1005	1007	1008	rBV	167898	213472	5.11%	0.684%
44	13.759	1026	1030	1036	rBV3	2220273	4177872	100.00%	13.394%
45	13.851	1036	1038	1040	rBV	139243	148457	3.55%	0.476%
46	14.285	1074	1076	1077	rVB2	267939	299794	7.18%	0.961%
47	14.742	1114	1116	1120	rBV	638799	1177339	28.18%	3.774%
48	14.834	1123	1124	1126	rVB	442262	467163	11.18%	1.498%
49	15.005	1137	1139	1141	rVV	336007	442116	10.58%	1.417%
50	15.051	1141	1143	1146	rVV	392923	622693	14.90%	1.996%
51	15.108	1146	1148	1157	rVB	908888	1605493	38.43%	5.147%
52	15.531	1183	1185	1194	rVB3	204399	572661	13.71%	1.836%
53	16.068	1230	1232	1239	rVB2	214723	520257	12.45%	1.668%
54	16.354	1255	1257	1261	rVB	173888	305528	7.31%	0.979%
55	16.720	1287	1289	1293	rVB	101169	174545	4.18%	0.560%

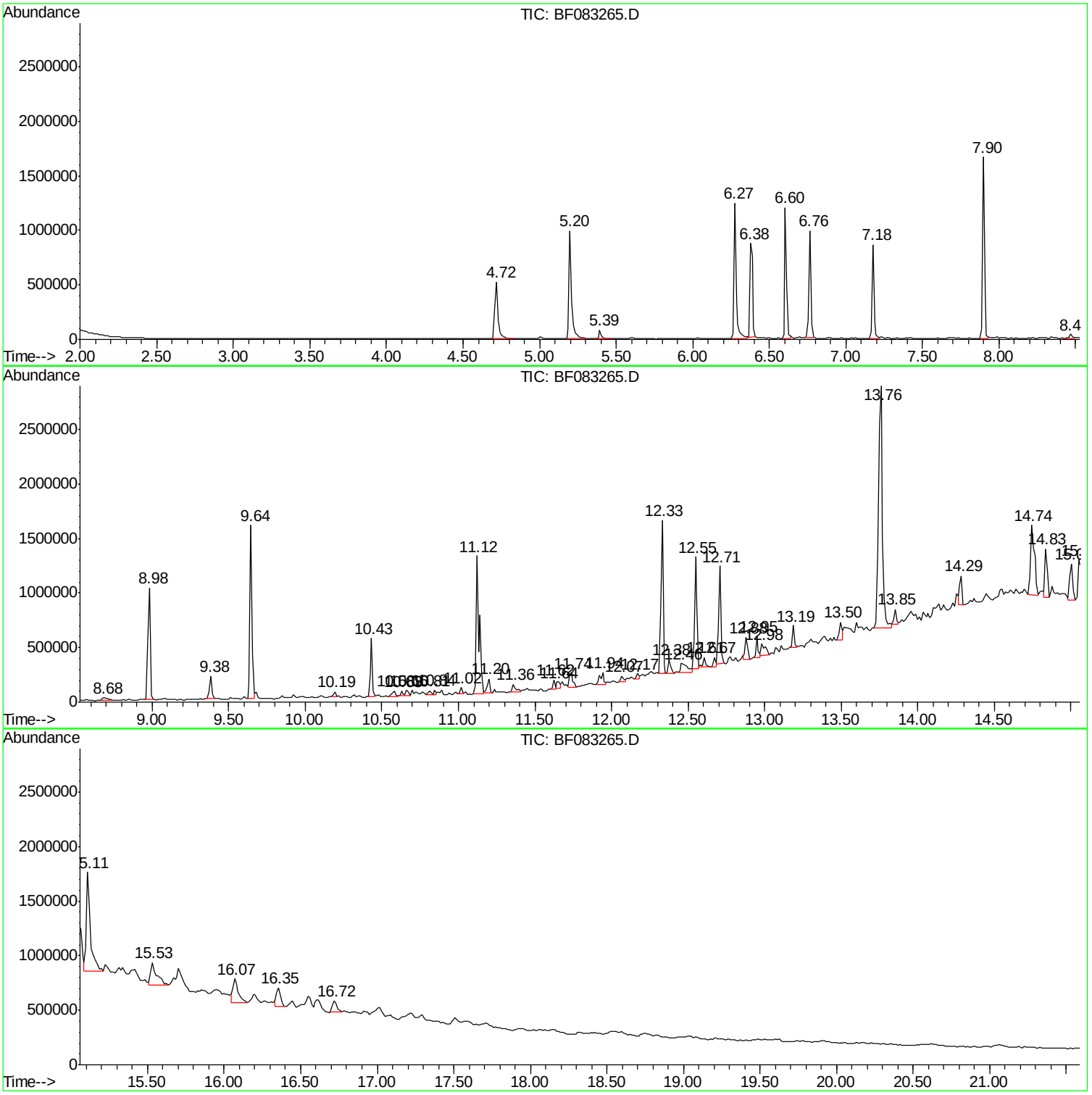
Sum of corrected areas: 31193064

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083265.D
Acq On : 25 Nov 2015 5:01
Operator : UM/IZ
Sample : G4440-04 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
V1S4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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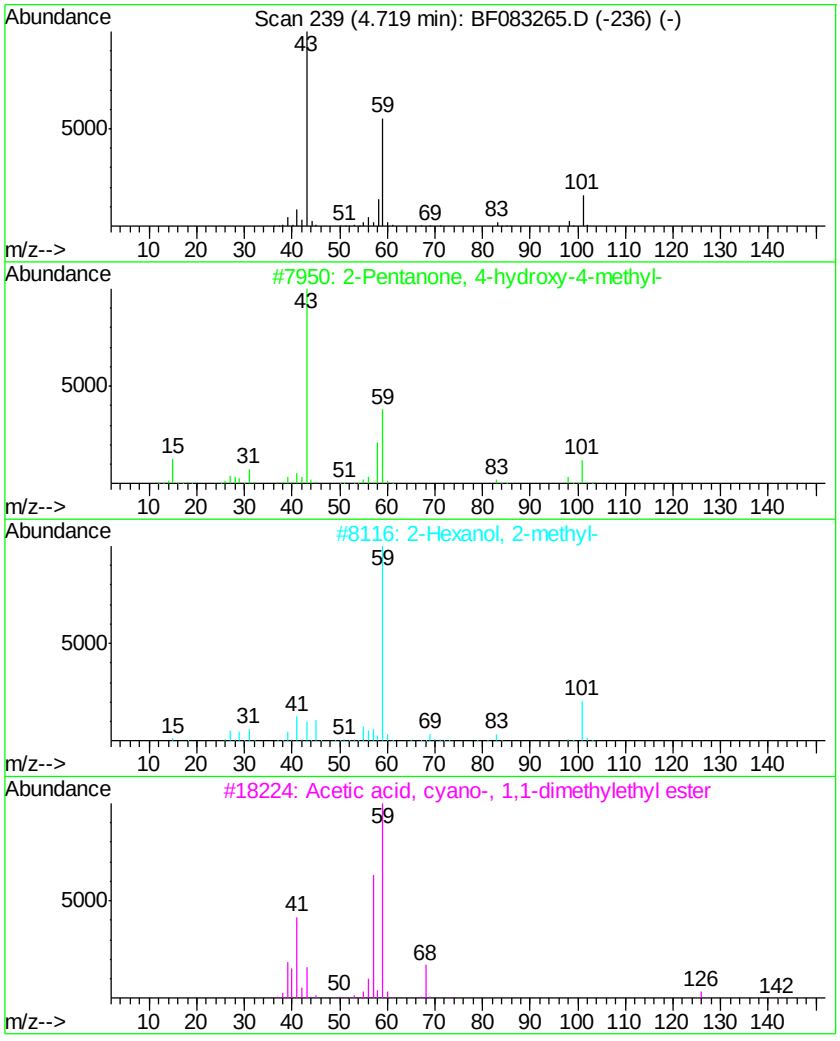
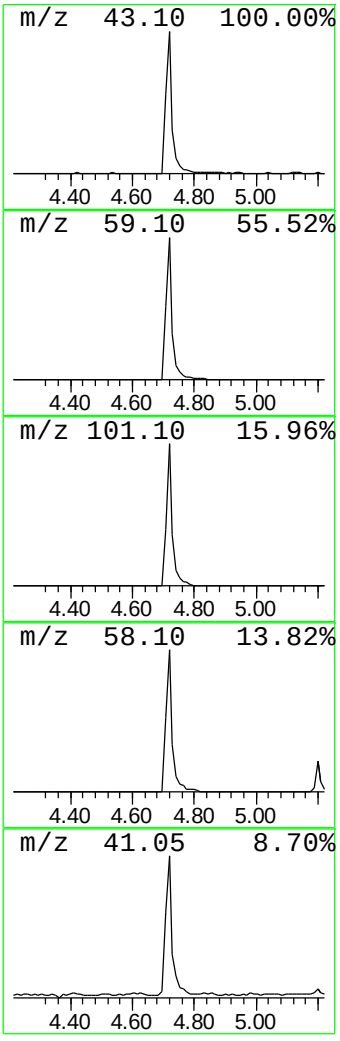
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	12.41 ng	739904	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	1,2-Butanediol, (.+/-.)-	90	C4H10O2	026171-83-5	9





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Data File : BF083265.D
Acq On : 25 Nov 2015 5:01
Operator : UM/IZ
Sample : G4440-04 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V1S4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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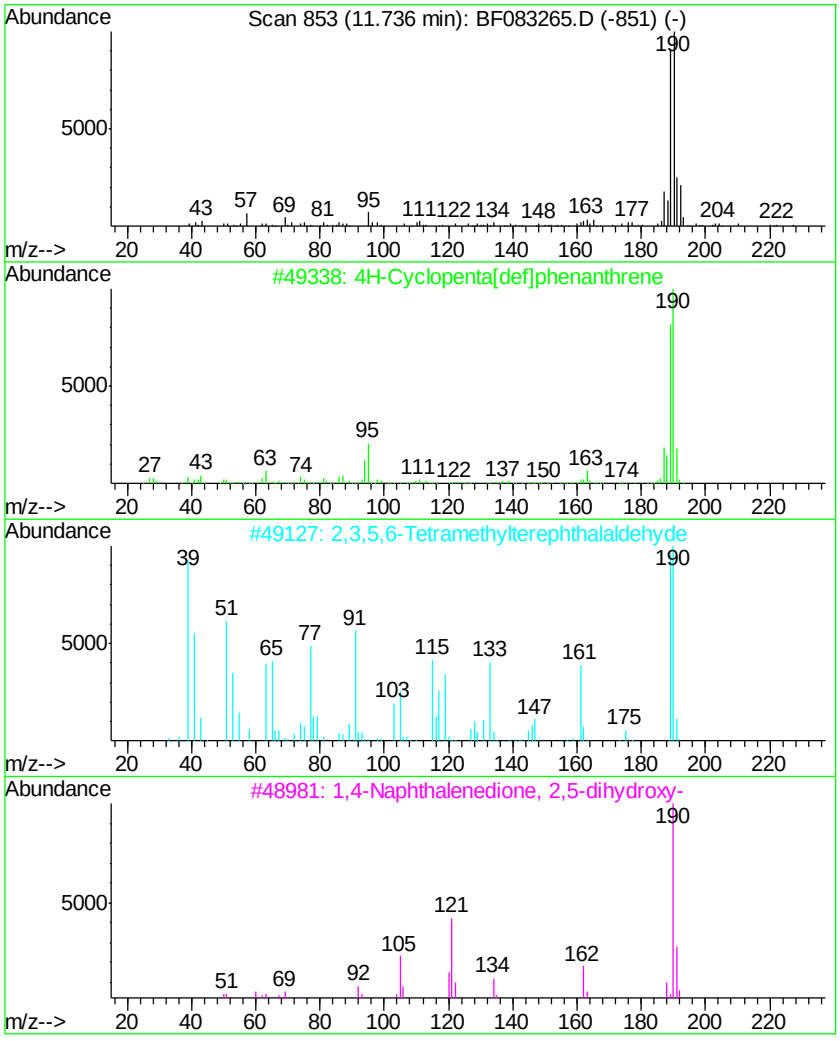
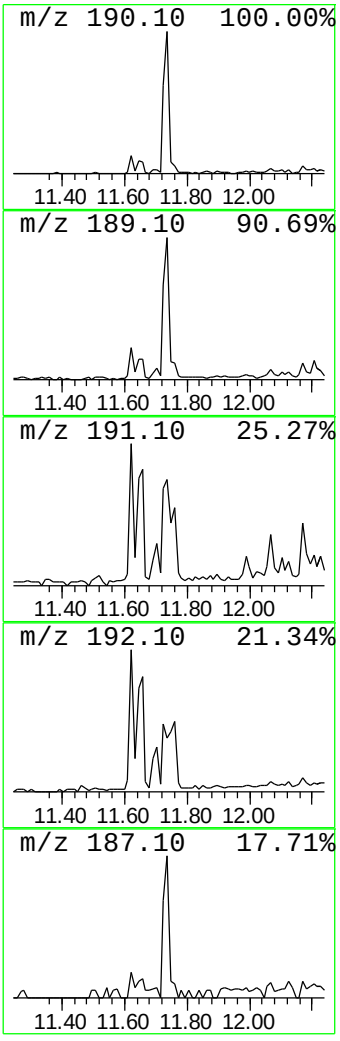
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	2.58 ng	235011	Phenanthrene-d10	11.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	53
3	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	32
4	4-(4-Chlorophenyl)pyridine	189	C11H8ClN	005957-96-0	23
5	6,7-Dimethoxyquinoxaline	190	C10H10N2O2	006295-29-0	22





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083265.D
Acq On : 25 Nov 2015 5:01
Operator : UM/IZ
Sample : G4440-04 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V1S4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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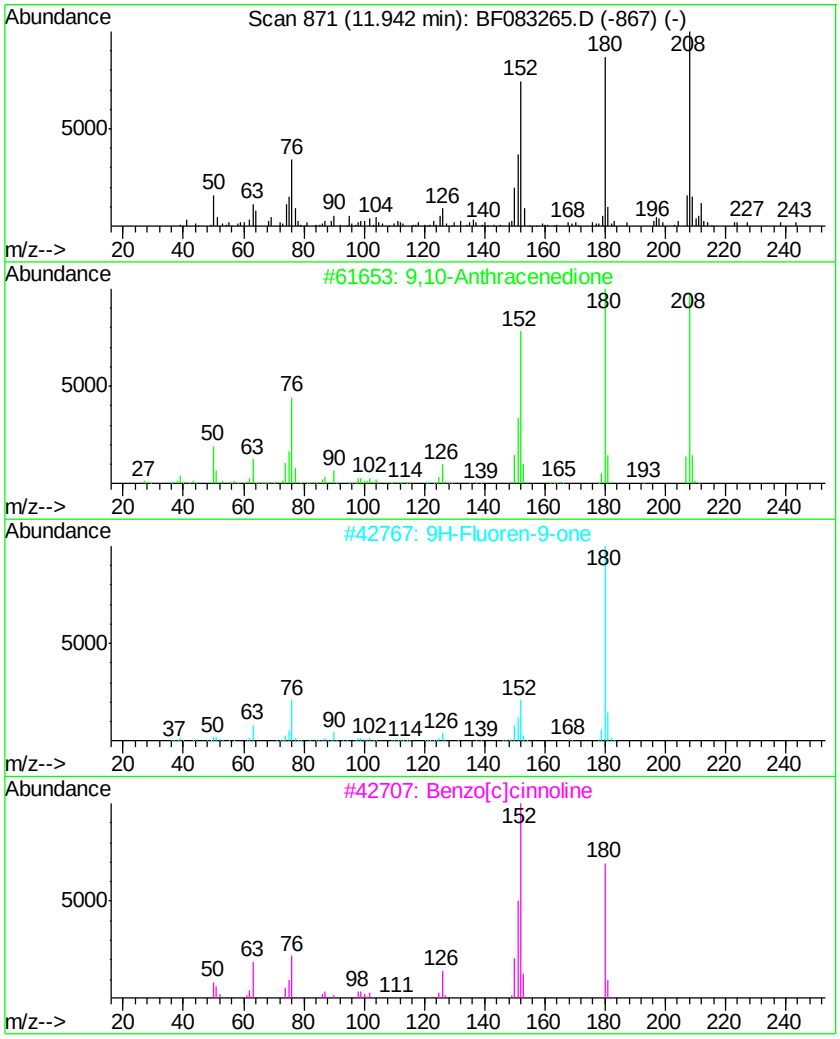
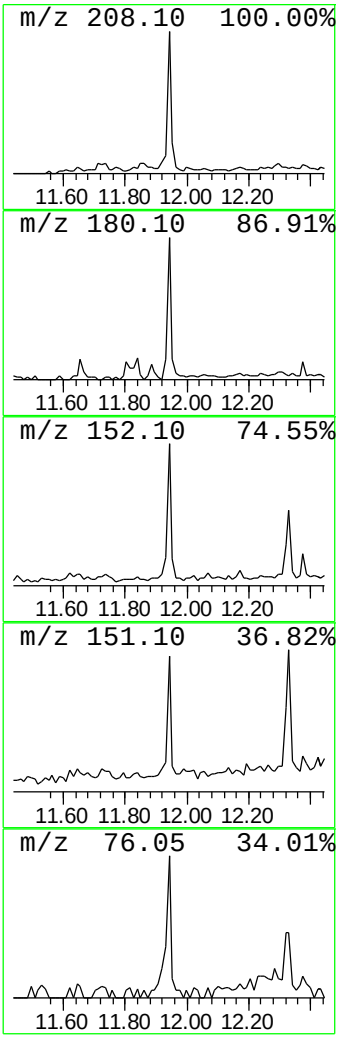
Peak Number 5 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.30 ng	208881	Phenanthrene-d10	11.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	53
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	52





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

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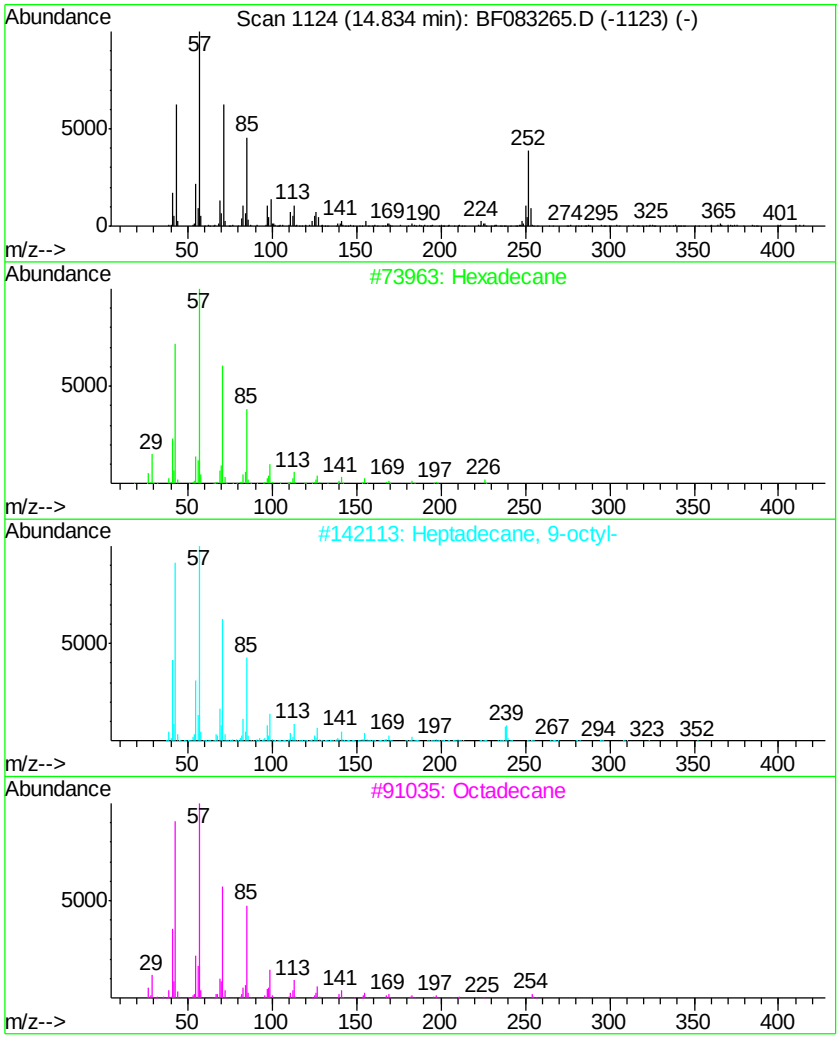
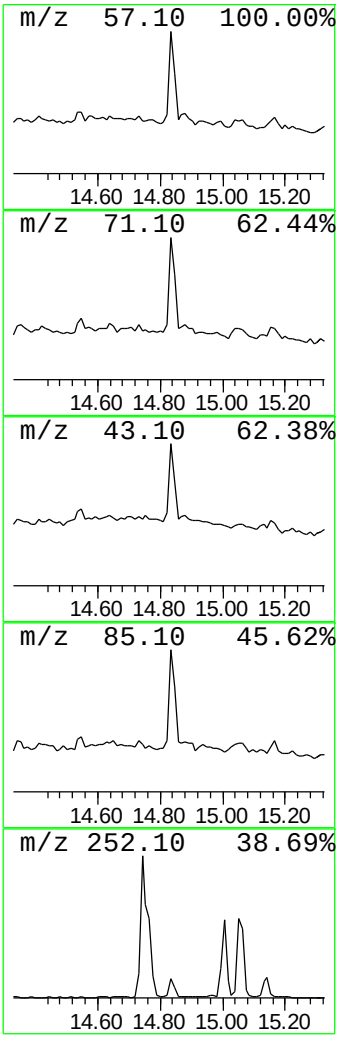
Peak Number 6 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	5.82 ng	467163	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
3	Octadecane	254	C18H38	000593-45-3	52
4	Hexacosane	366	C26H54	000630-01-3	50
5	Nonadecane	268	C19H40	000629-92-5	49





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

TIC Library : C:\DATABASE\NIST02.L
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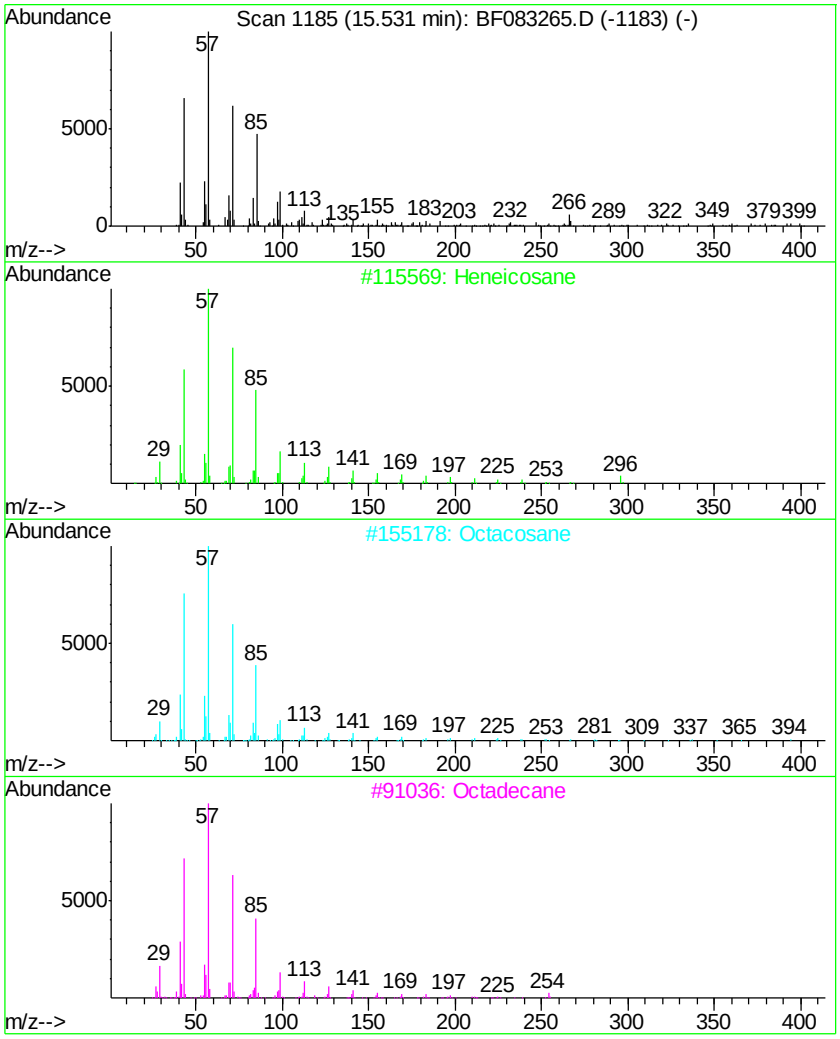
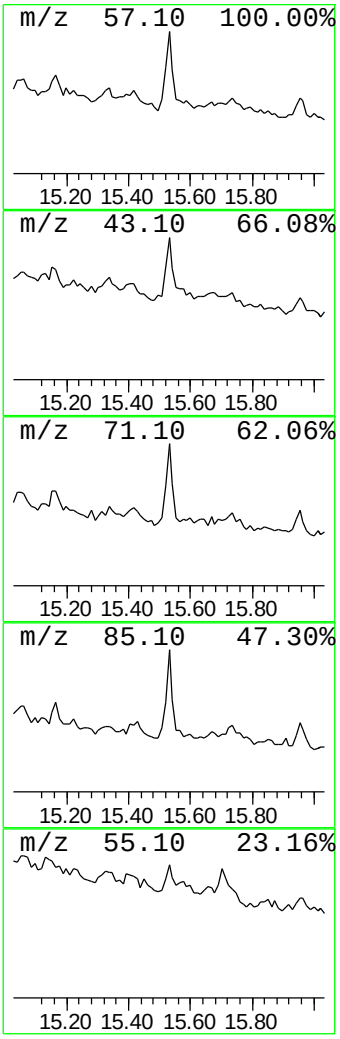
Peak Number 7 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	7.13 ng	572661	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Octacosane	394	C28H58	000630-02-4	83
3	Octadecane	254	C18H38	000593-45-3	81
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	80
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72





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ALS Vial : 28 Sample Multiplier: 1

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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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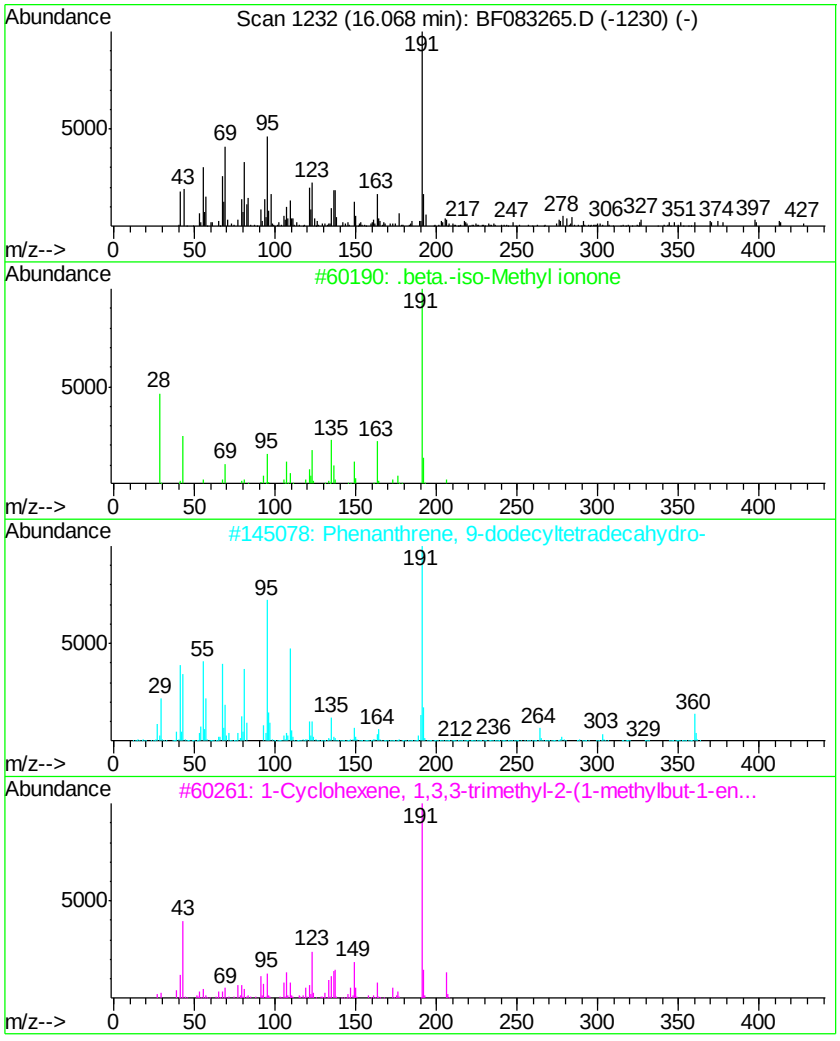
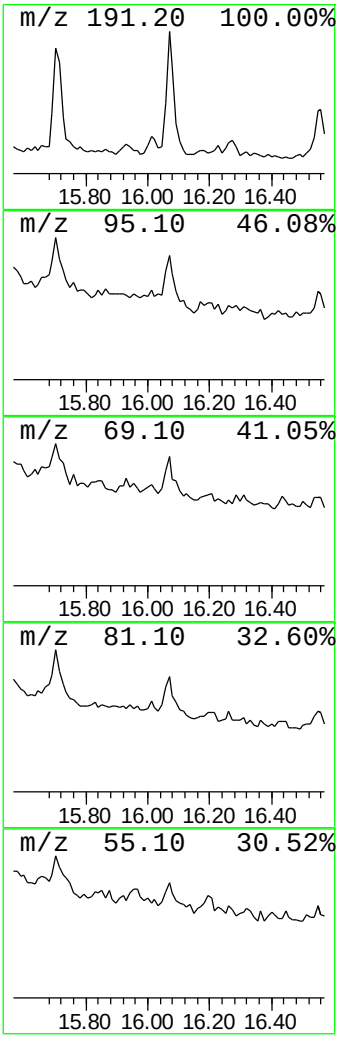
Peak Number 8 .beta.-iso-Methyl ionone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	6.48 ng	520257	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	64
2	Phenanthrene, 9-dodecyltetradeca...	360	C26H48	055334-01-5	64
3	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	45
4	5H-Benzo[def]carbazole	191	C14H9N	000203-65-6	43
5	Silane, 1,3-decadiynyltrimethyl-	206	C13H22Si	084751-17-7	43





Tentatively Identified Compound (LSC) summary

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Data File : BF083265.D
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Operator : UM/IZ
Sample : G4440-04 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V1S4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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...	4.72	12.4	ng	739904	1	6.60	1192150	20.0
4H-Cyclopenta[def...	11.74	2.6	ng	235011	4	11.12	1819350	20.0
9,10-Anthracenedione	11.94	2.3	ng	208881	4	11.12	1819350	20.0
Hexadecane	14.83	5.8	ng	467163	6	15.11	1605490	20.0
Heneicosane	15.53	7.1	ng	572661	6	15.11	1605490	20.0
.beta.-iso-Methyl...	16.07	6.5	ng	520257	6	15.11	1605490	20.0