LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087822.D
Acq On : 8 Jun 2016 21:18
Operator : UM/SJ
Sample : H3378-12 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-22

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-BF060716.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	1.758	13	15	24	rVB	190801	317480	9.42%	1.622%
2	1.884	24	26	38	rVB	2118100	3369908	100.00%	17.219%
3	4.981	295	297	301	rBV	61573	79470	2.36%	0.406%
4	5.416	332	335	337	rBV	984668	980305	29.09%	5.009%
5	6.456	423	426	428	rBV	1082554	1042227	30.93%	5.325%
6	6.593	435	438	440	rBV	1020024	1034323	30.69%	5.285%
7	6.822	456	458	461	rBV	670674	639666	18.98%	3.268%
8	6.982	469	472	474	rBV	982472	796956	23.65%	4.072%
9	7.382	505	507	510	rBV	490526	542382	16.09%	2.771%
10	8.113	568	571	572	rBV	1034023	937182	27.81%	4.789%
11	8.136	572	573	575	rVB	48033	34408	1.02%	0.176%
12	9.188	663	665	668	rBV	941340	1001667	29.72%	5.118%
13	9.588	698	700	702	rVB	160134	122688	3.64%	0.627%
14	9.873	722	725	726	rBV	908159	931298	27.64%	4.759%
15	9.896	726	727	729	rVB	64620	68597	2.04%	0.351%
16	10.068	740	742	744	rVB	37567	40482	1.20%	0.207%
17	10.411	771	772	775	rVB	59798	61755	1.83%	0.316%
18	10.651	791	793	796	rBV2	486292	551719	16.37%	2.819%
19	11.245	842	845	850	rVB2	25354	44109	1.31%	0.225%
20	11.348	852	854	858	rBV	536563	1188652	35.27%	6.074%
21	11.428	858	861	863	rVB	150210	130954	3.89%	0.669%
22	11.576	871	874	876	rBV2	39295	57791	1.71%	0.295%
23	11.885	899	901	903	rVB	42677	43518	1.29%	0.222%
24	11.965	906	908	912	rVB2	76395	93360	2.77%	0.477%
25	12.148	922	924	928	rVB	30459	40205	1.19%	0.205%
26	12.559	958	960	962	rBV	466790	452360	13.42%	2.311%
27	12.788	977	980	983	rBV	396586	461242	13.69%	2.357%
28	12.937	991	993	996	rVB	714435	722591	21.44%	3.692%
29	13.017	996	1000	1004	rBV2	20890	52307	1.55%	0.267%
30	13.119	1004	1009	1011	rBV	70563	92115	2.73%	0.471%
31	13.188	1011	1015	1016	rBV	60353	61070	1.81%	0.312%
32	13.222	1016	1018	1019	rBV	38105	36453	1.08%	0.186%
33	13.622	1050	1053	1056	rBV2	26251	40105	1.19%	0.205%
34	13.737	1061	1063	1064	rBV2	36000	47270	1.40%	0.242%

LSC Area Percent Report

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Acq On : 8 Jun 2016 21:18
Operator : UM/SJ
Sample : H3378-12 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-22

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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.771	1064	1066	1070	rVV2	17087	48015	1.42%	0.245%
36	13.851	1070	1073	1075	rVV2	32668	54105	1.61%	0.276%
37	13.988	1082	1085	1091	rVV2	876636	1203807	35.72%	6.151%
38	14.091	1093	1094	1096	rVB	43076	39282	1.17%	0.201%
39	14.308	1108	1113	1114	rBV3	31953	76824	2.28%	0.393%
40	14.377	1117	1119	1120	rVB	30698	37111	1.10%	0.190%
41	14.491	1125	1129	1133	rVB6	32776	130237	3.86%	0.665%
42	15.005	1171	1174	1179	rBV	153907	319355	9.48%	1.632%
43	15.108	1180	1183	1186	rVB	66133	83399	2.47%	0.426%
44	15.291	1197	1199	1202	rVB	87444	114474	3.40%	0.585%
45	15.348	1202	1204	1207	rVV	108039	149842	4.45%	0.766%
46	15.417	1207	1210	1217	rVV	475484	676191	20.07%	3.455%
47	15.554	1221	1222	1228	rBV6	15671	38855	1.15%	0.199%
48	15.885	1249	1251	1255	rBV	33783	81182	2.41%	0.415%
49	16.800	1328	1331	1337	rVB2	41130	85040	2.52%	0.435%
50	17.211	1364	1367	1372	rBV	30511	72823	2.16%	0.372%
51	17.394	1380	1383	1386	rBV4	13922	41427	1.23%	0.212%
52	18.160	1447	1450	1460	rVB4	14512	63500	1.88%	0.324%
53	19.349	1549	1554	1562	rVB5	34640	138671	4.11%	0.709%

Sum of corrected areas: 19570755

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Misc :
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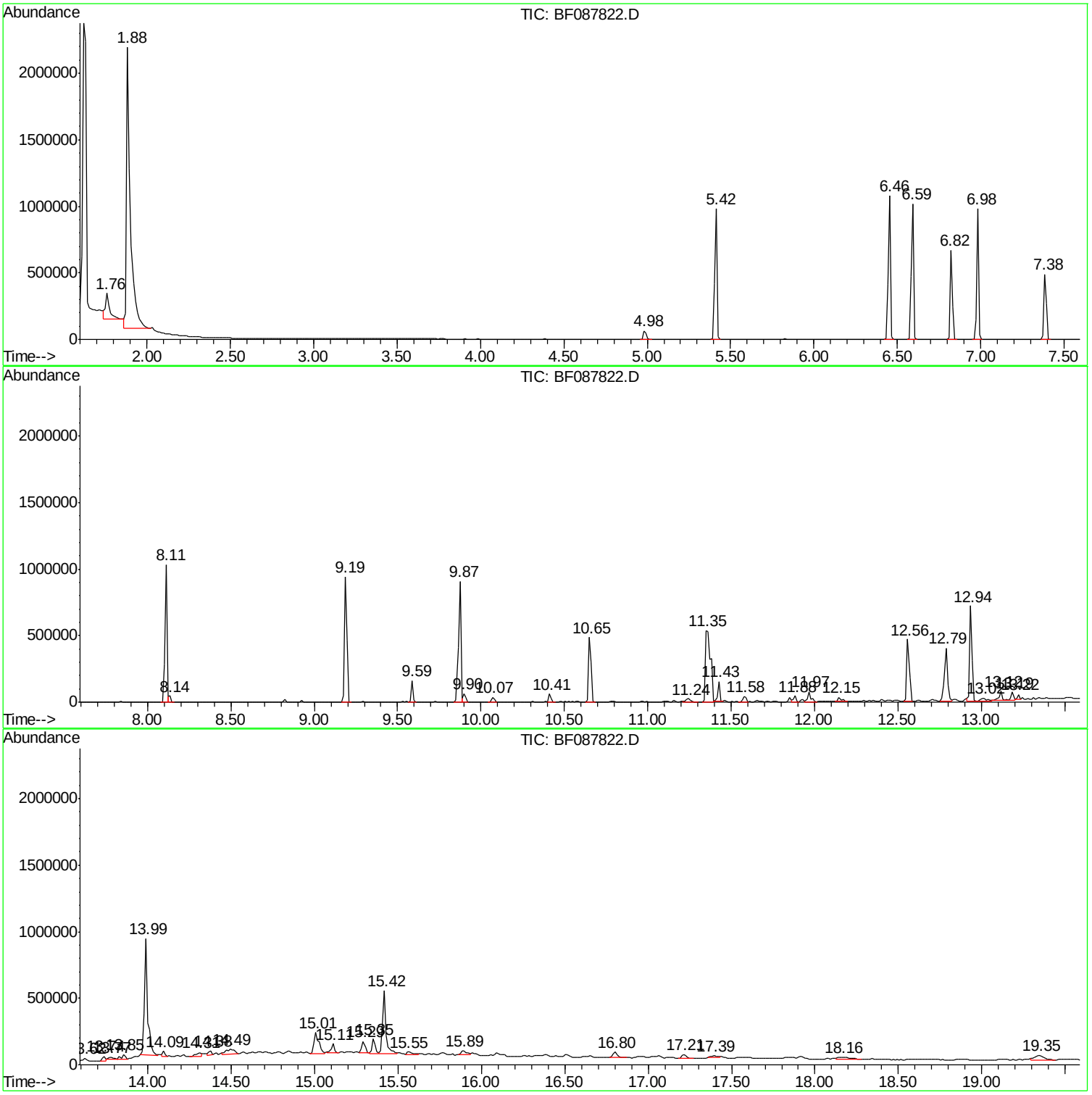
Instrument :
BNA_F
ClientSampleId :
SS-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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\BF060816\
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Operator : UM/SJ
Sample : H3378-12 2X
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TIC Library : C:\Database\NIST11.L
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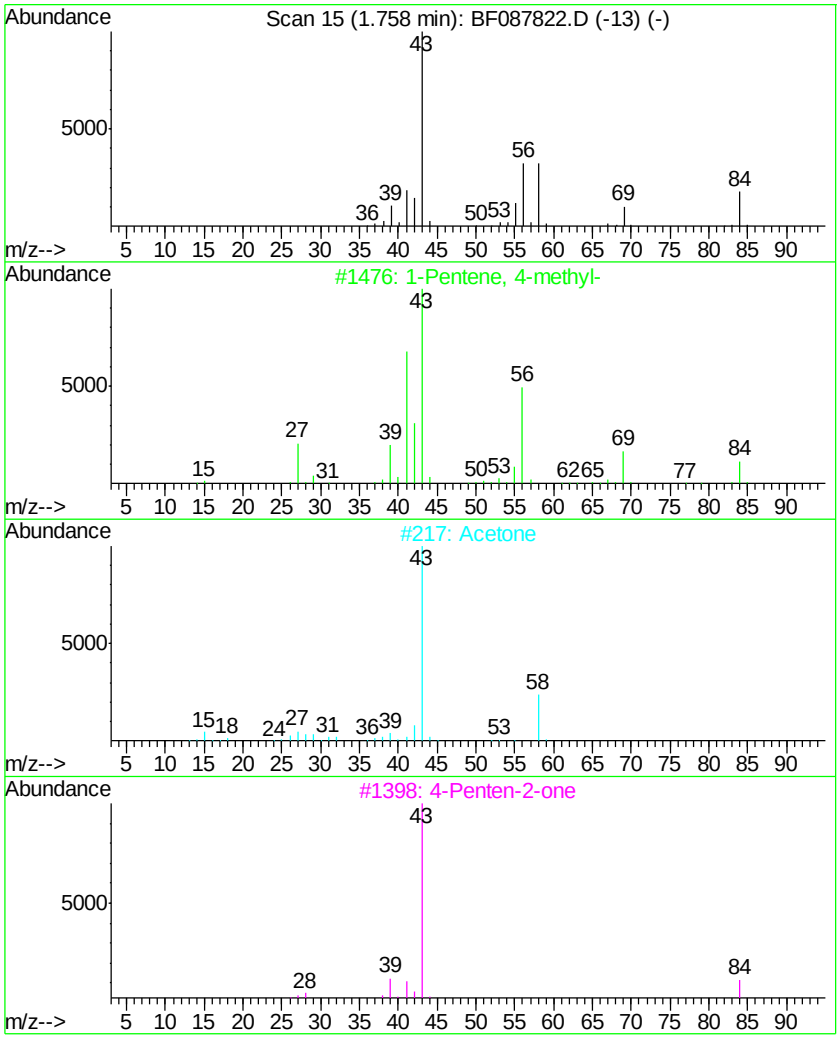
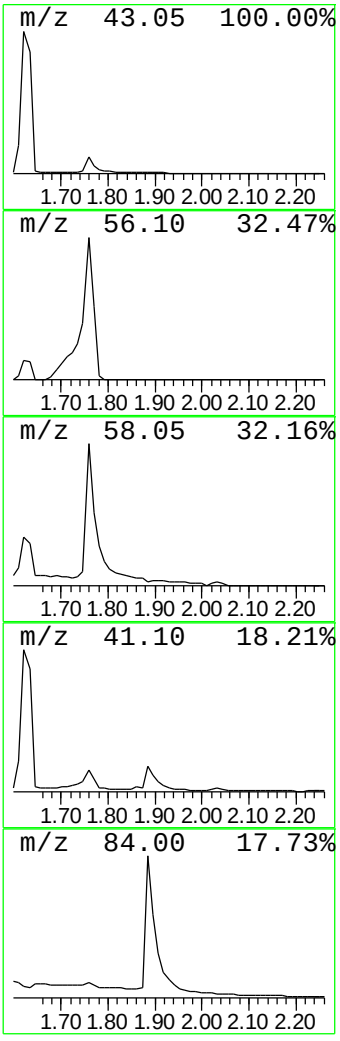
Peak Number 1 unknown1.76 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.76	9.93 ng	317480	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	25
2	Acetone	58	C3H6O	000067-64-1	9
3	4-Penten-2-one	84	C5H8O	013891-87-7	9
4	Formic acid, 2-methylpentyl ester	130	C7H14O2	381670-34-4	9
5	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
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Sample : H3378-12 2X
Misc :
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Instrument : BNA_F
ClientSampleId : SS-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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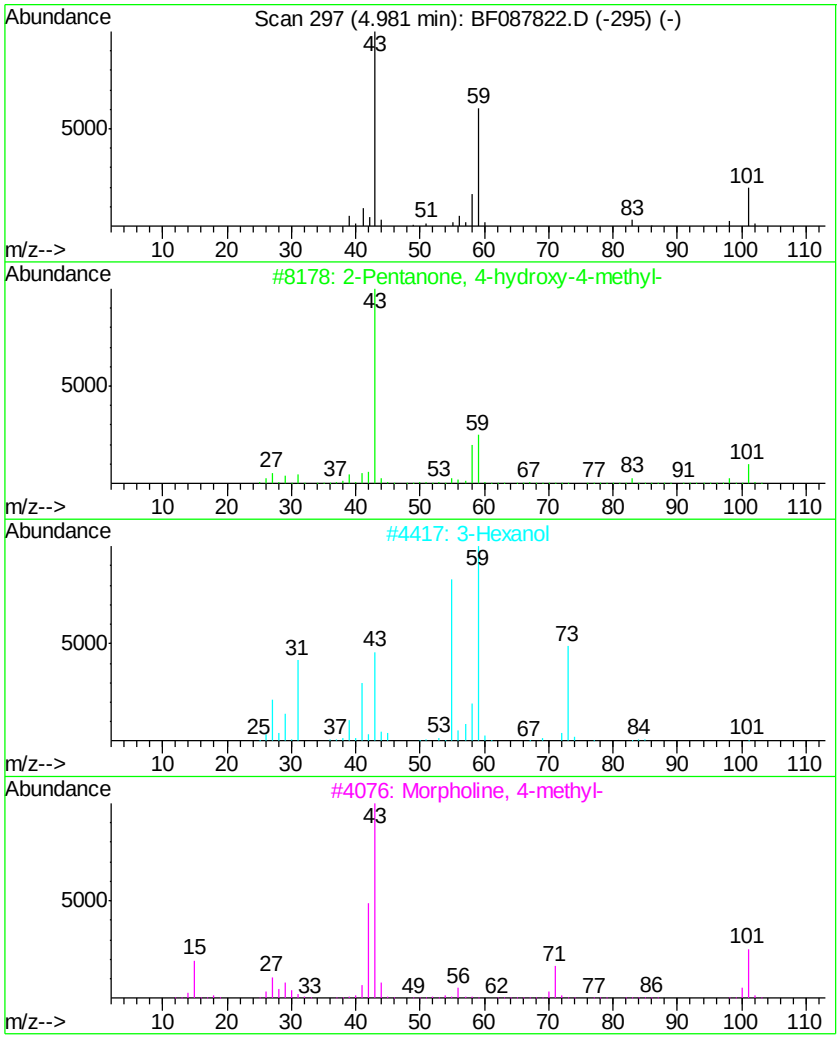
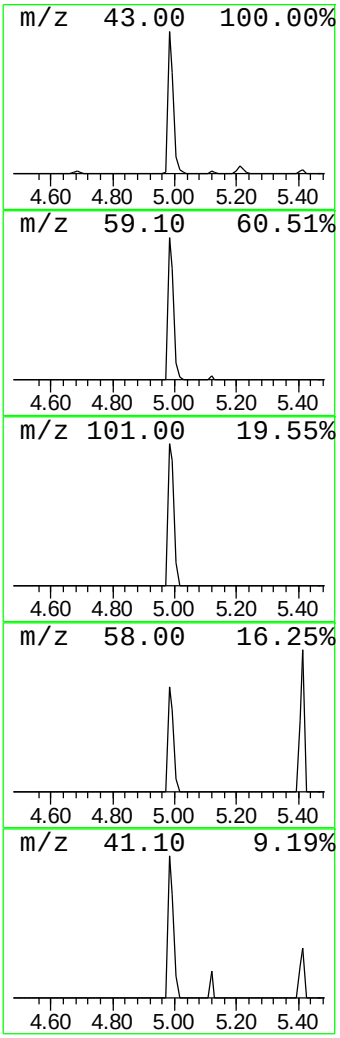
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	2.48 ng	79470	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	64
2	3-Hexanol	102	C6H14O	000623-37-0	28
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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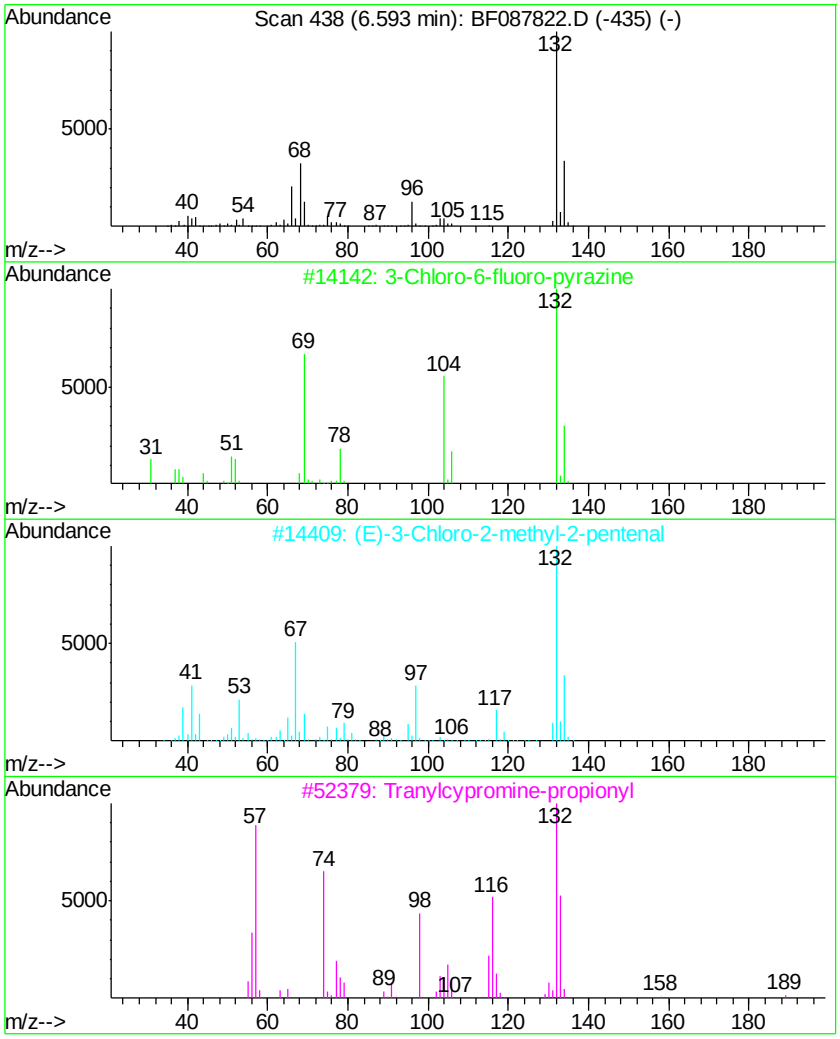
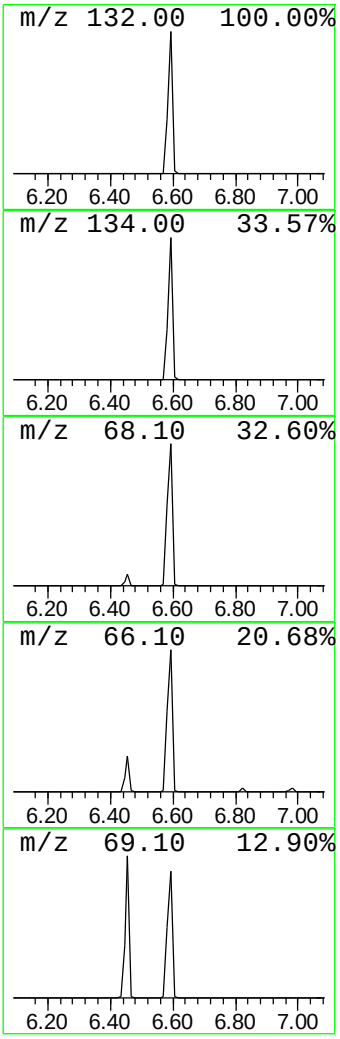
Peak Number 4 unknown6.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	32.34 ng	1034320	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	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Instrument : BNA_F
ClientSampleId : SS-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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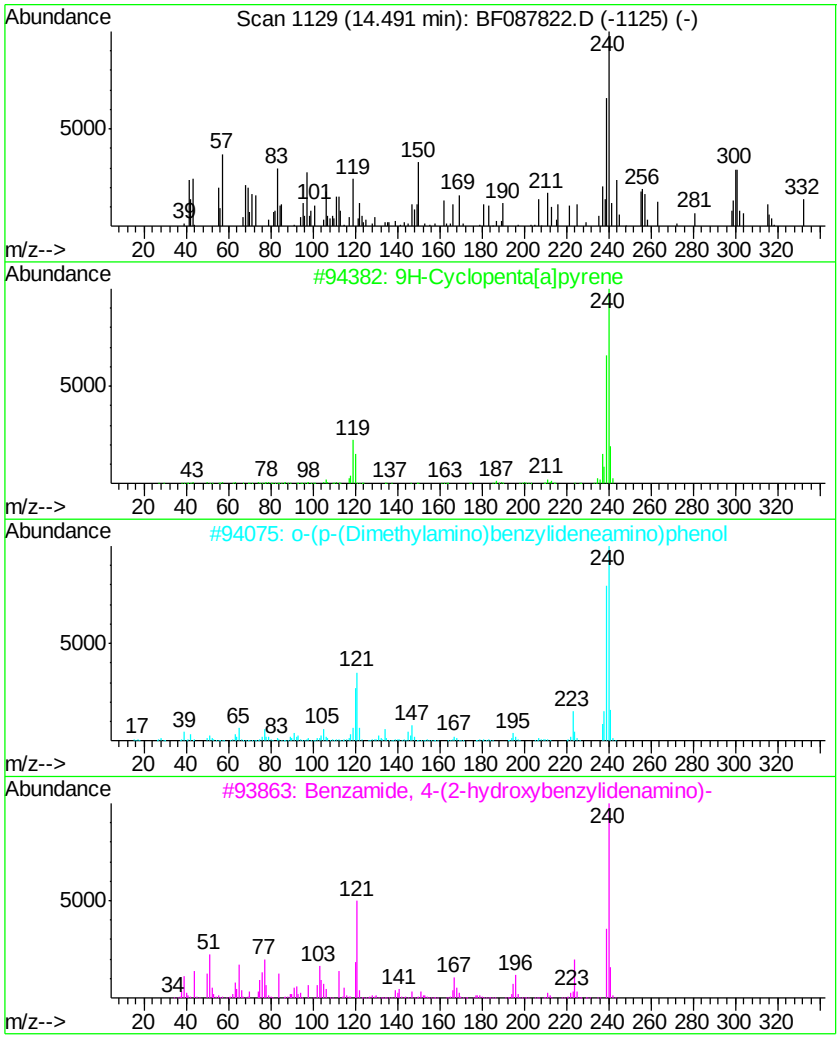
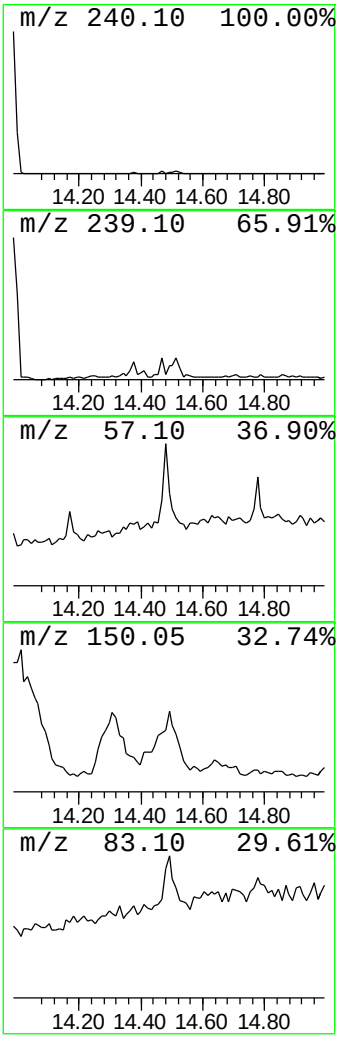
Peak Number 6 9H-Cyclopenta[a]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	2.16 ng	130237	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Cyclopenta[a]pyrene	240	C19H12	050861-05-7	53
2	o-(p-(Dimethylamino)benzylidenea...	240	C15H16N2O	023837-35-6	43
3	Benzamide, 4-(2-hydroxybenzylide...	240	C14H12N2O2	041077-03-6	27
4	Benzene, 1,3-dimethoxy-5-[(1E)-2...	240	C16H16O2	021956-56-9	27
5	1-(4-Fluorophenyl)-3-phenyl-2-py...	240	C15H13FN2	018836-24-3	27





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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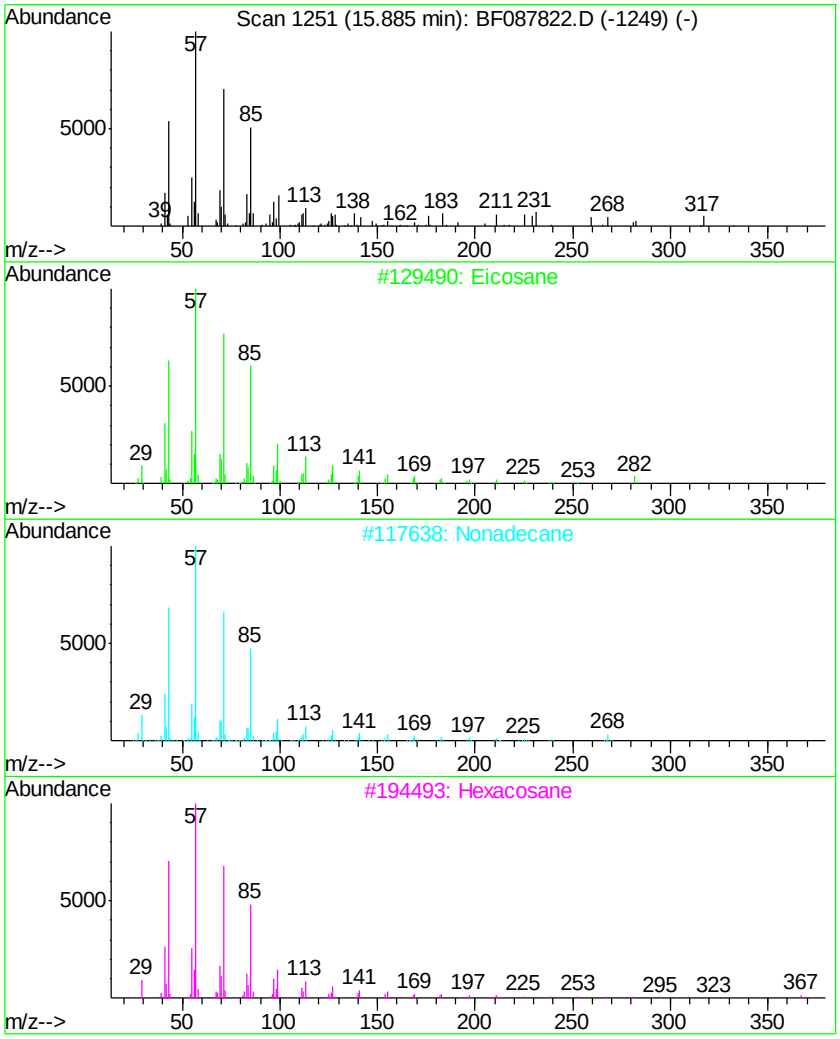
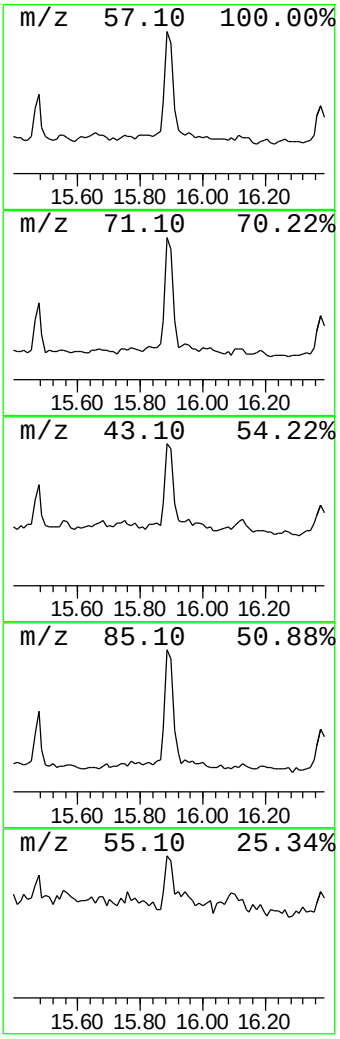
Peak Number 9 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	2.40 ng	81182	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Nonadecane	268	C19H40	000629-92-5	93
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Tetratetracontane	619	C44H90	007098-22-8	87





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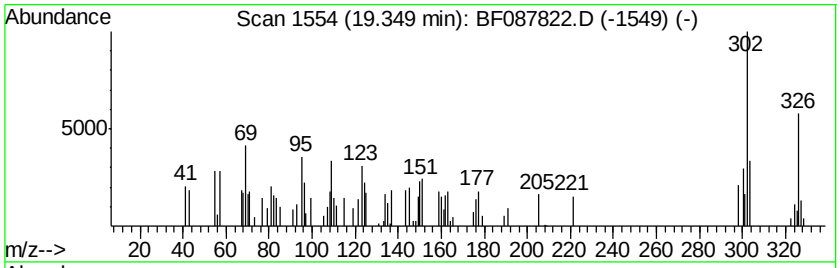
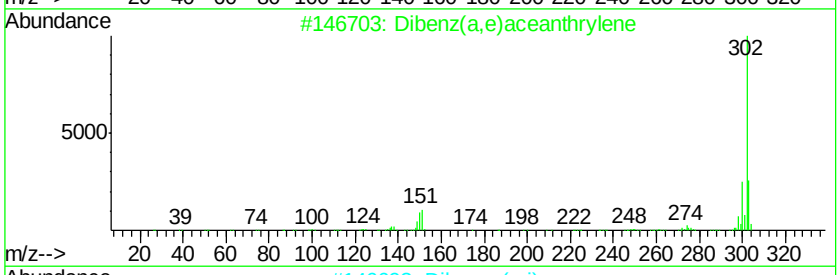
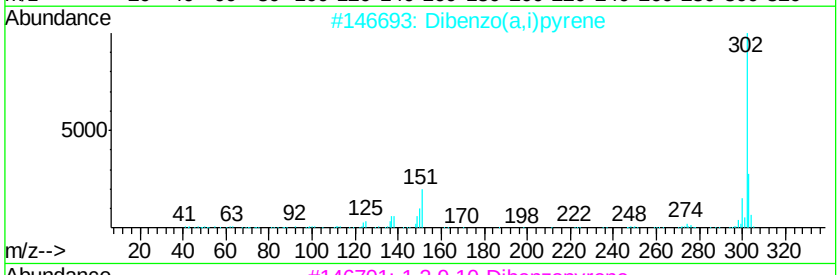
Peak Number 10 unknown19.35 Concentration Rank 5

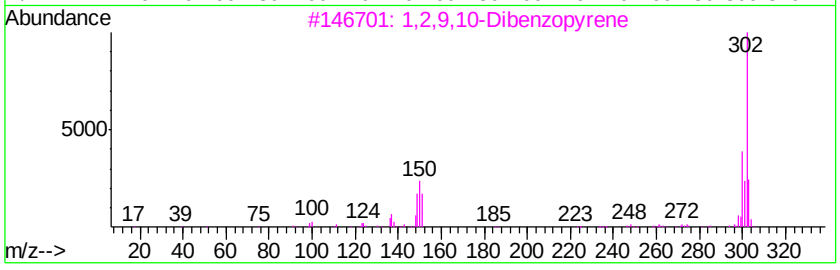
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	4.10 ng	138671	Perylene-d12	15.42

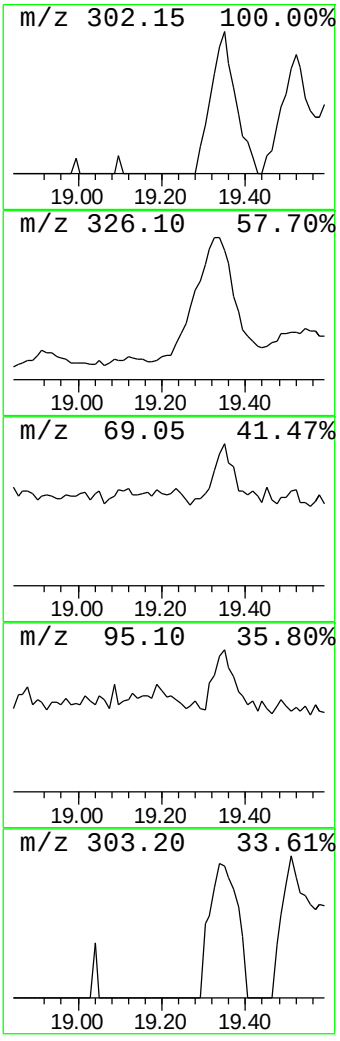
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	47
2	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	43
3	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	43
4	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	38
5	Coronene, 1,2-dihydro-	302	C24H14	107716-56-3	35











Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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
unknown1.76	1.76	9.9	ng	317480	1	6.82	639666	20.0
2-Pentanone, 4-hy...	4.98	2.5	ng	79470	1	6.82	639666	20.0
unknown6.59	6.59	32.3	ng	1034320	1	6.82	639666	20.0
9H-Cyclopenta[a]p...	14.49	2.2	ng	130237	5	13.99	1203810	20.0
Eicosane	15.89	2.4	ng	81182	6	15.42	676191	20.0
unknown19.35	19.35	4.1	ng	138671	6	15.42	676191	20.0