LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080267.D
Acq On : 1 Jul 2015 9:47
Operator : TP/IZ
Sample : G2831-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2(0-2)

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-BF061715.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	5.498	209	211	217	rVB	200586	190170	12.71%	1.797%
2	5.899	243	246	248	rBV	946522	884229	59.11%	8.354%
3	6.893	330	333	335	rBV	959740	857029	57.29%	8.097%
4	7.053	344	347	349	rBV	1214382	1016943	67.98%	9.608%
5	7.282	365	367	370	rBV	223687	220320	14.73%	2.082%
6	7.442	379	381	384	rVB	885441	764782	51.12%	7.226%
7	7.842	414	416	418	rBV	825226	646847	43.24%	6.112%
8	8.573	478	480	483	rBV	336918	295055	19.72%	2.788%
9	9.647	572	574	577	rBV	1106848	1170408	78.24%	11.058%
10	10.345	633	635	638	rBV	384972	342023	22.86%	3.232%
11	11.145	702	705	707	rBV	721815	737596	49.31%	6.969%
12	11.865	766	768	771	rBV	433389	368189	24.61%	3.479%
13	13.625	920	922	925	rBV	1180156	1495941	100.00%	14.134%
14	13.899	941	946	950	rBV4	9475	34502	2.31%	0.326%
15	14.002	951	955	960	rVV2	14157	64418	4.31%	0.609%
16	14.139	962	967	972	rVV2	15556	66302	4.43%	0.626%
17	14.208	972	973	977	rVB	11820	17179	1.15%	0.162%
18	14.562	992	1004	1012	rBV	33568	183650	12.28%	1.735%
19	14.791	1020	1024	1028	rBV3	11888	35549	2.38%	0.336%
20	14.859	1028	1030	1035	rVB4	10575	30679	2.05%	0.290%
21	14.985	1038	1041	1044	rVB	400290	423781	28.33%	4.004%
22	16.300	1150	1156	1159	rBV2	35463	135436	9.05%	1.280%
23	16.402	1163	1165	1171	rVB	30954	81487	5.45%	0.770%
24	16.631	1181	1185	1193	rBV	24157	92543	6.19%	0.874%
25	16.951	1210	1213	1216	rBV	326040	428878	28.67%	4.052%

Sum of corrected areas: 10583936

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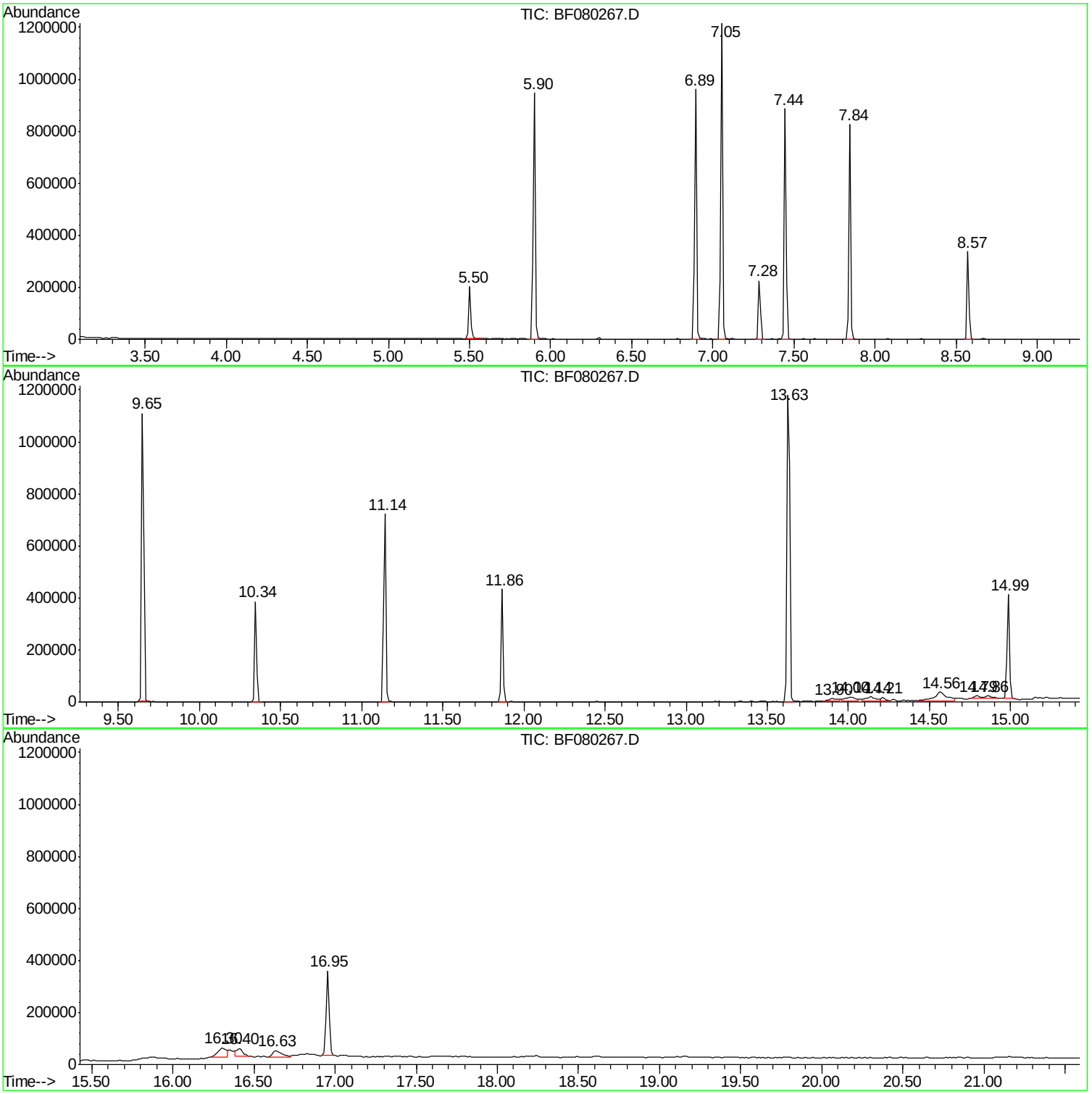
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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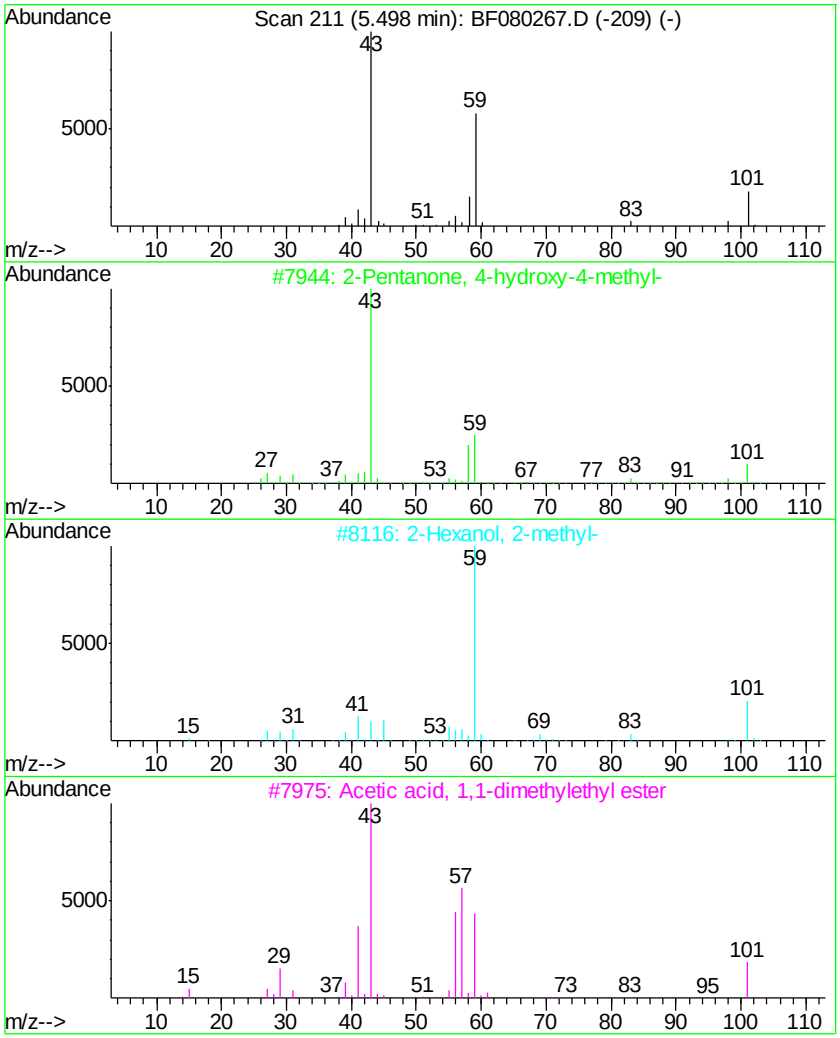
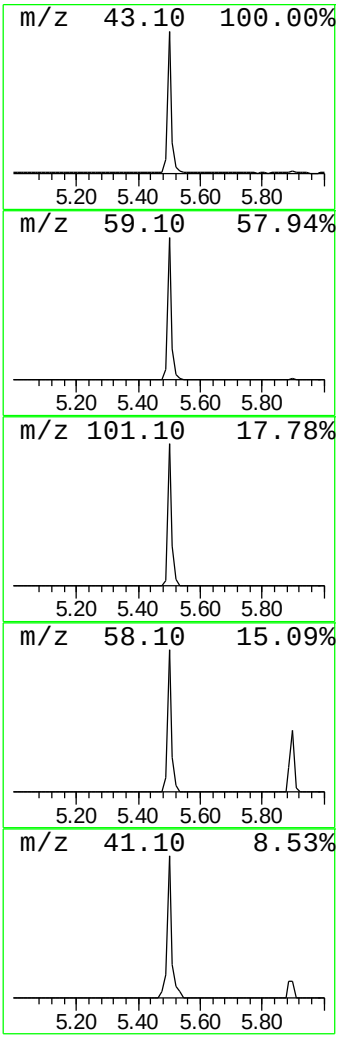
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.50	17.26 ng	190170	1,4-Dichlorobenzene-d4	7.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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Instrument : BNA_F
ClientSampleId : SP-2(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
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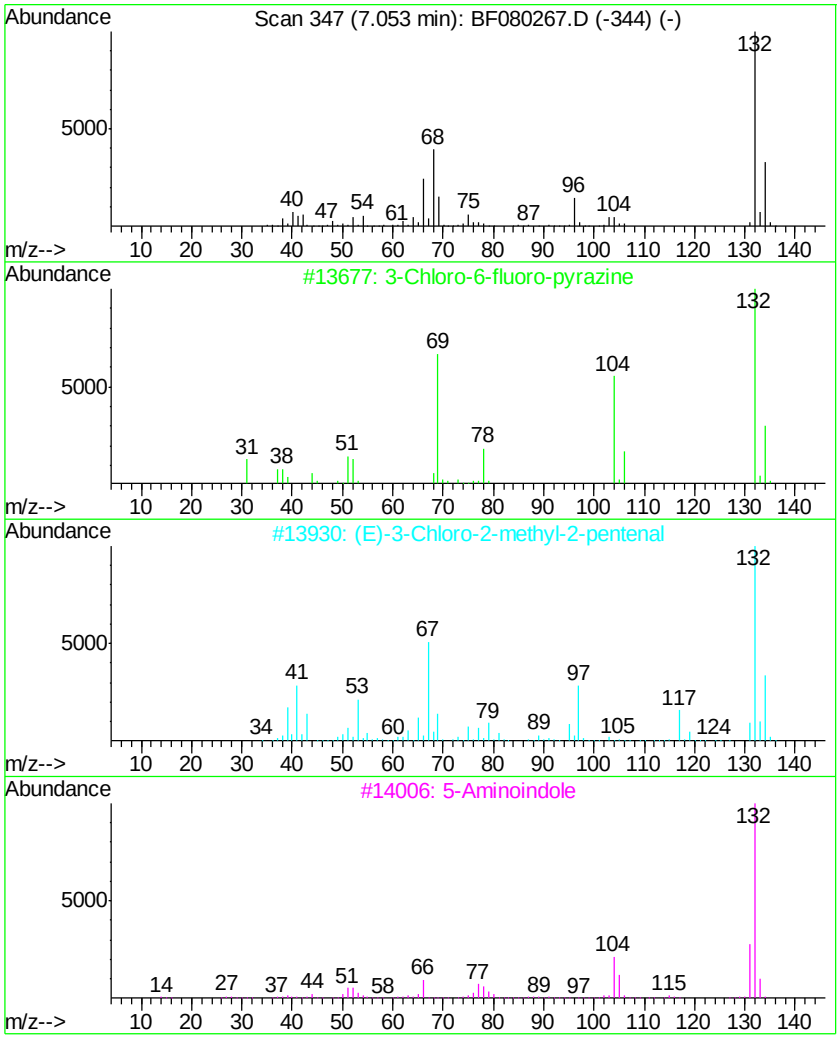
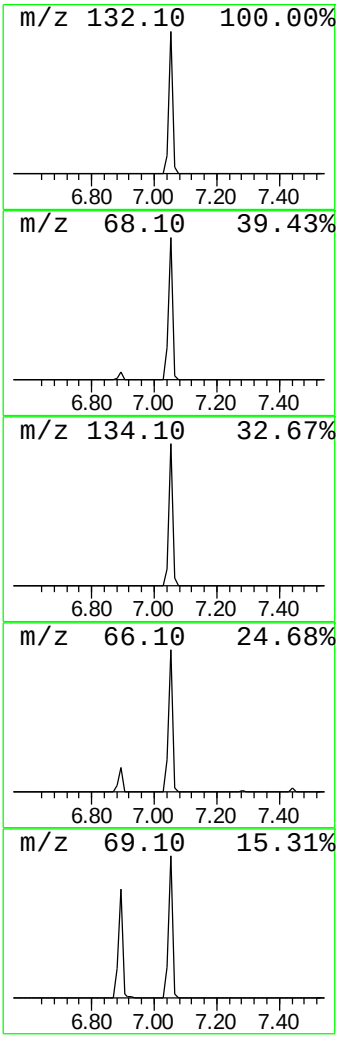
Peak Number 2 unknown7.05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	92.32 ng	1016940	1,4-Dichlorobenzene-d4	7.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Sample : G2831-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
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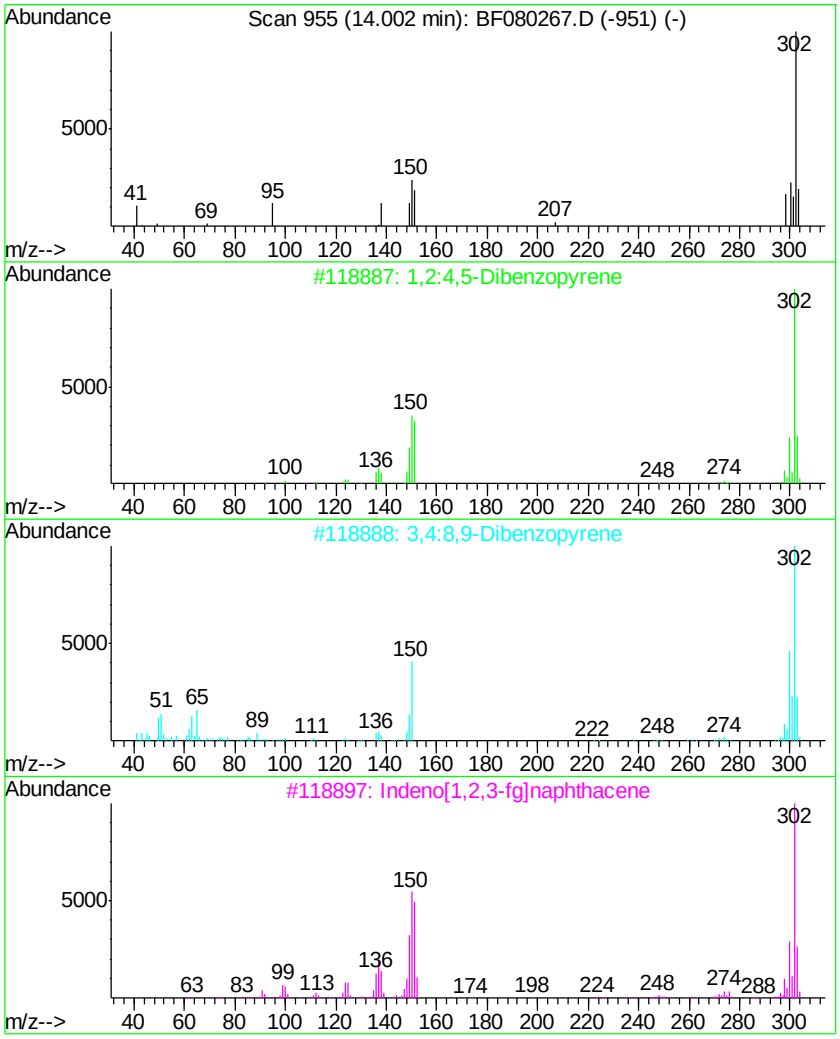
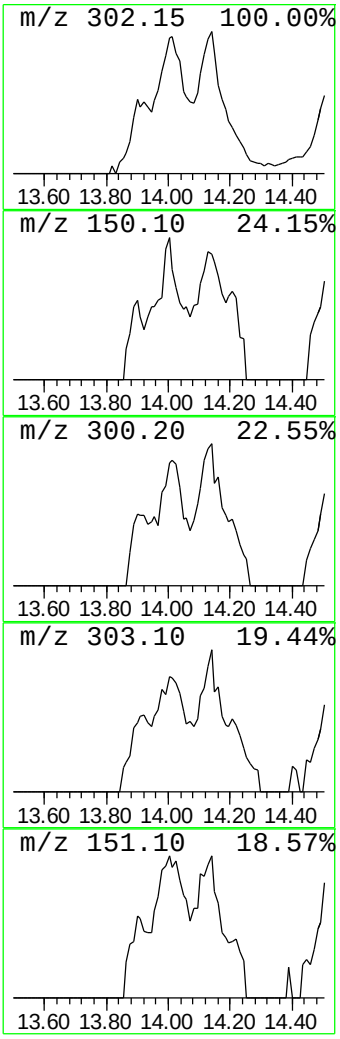
Peak Number 4 1,2:4,5-Dibenzopyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	3.04 ng	64418	Chrysene-d12	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	53
2	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	50
3	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	42
4	Coronene, 1,2-dihydro-	302	C24H14	107716-56-3	37
5	2,4-Diamino-6-[1-naphthyloxy]qui...	302	C18H14N4O	038711-05-6	37





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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
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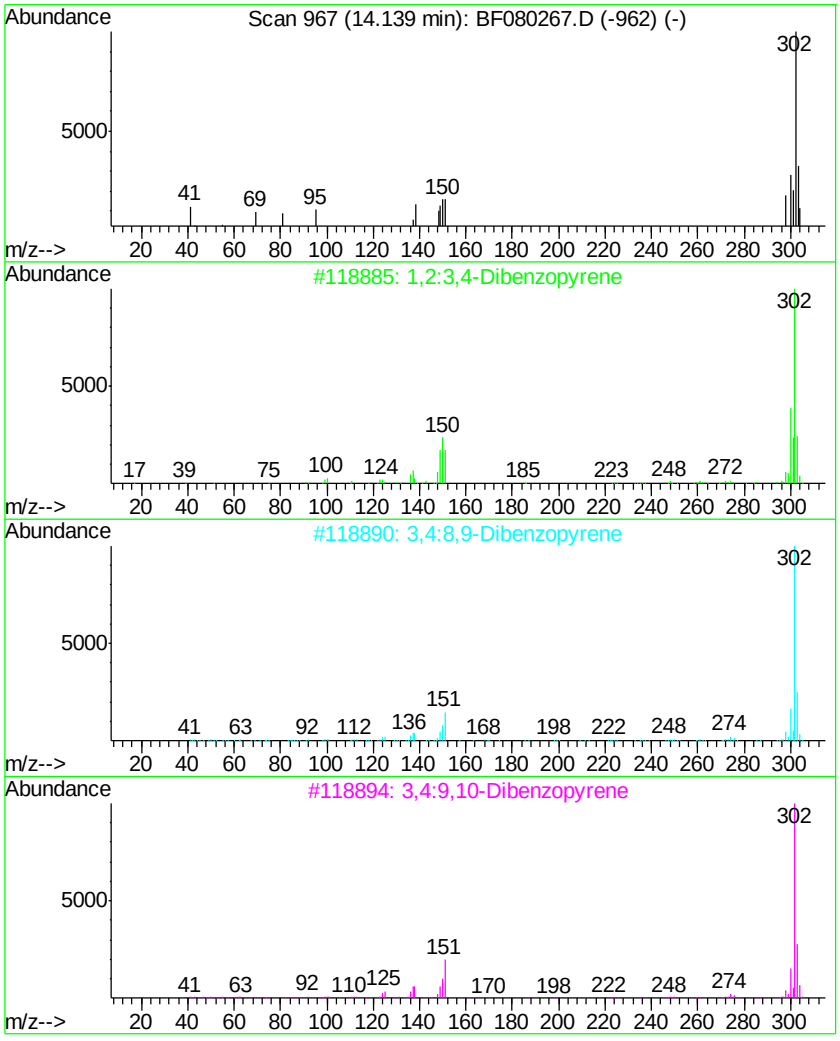
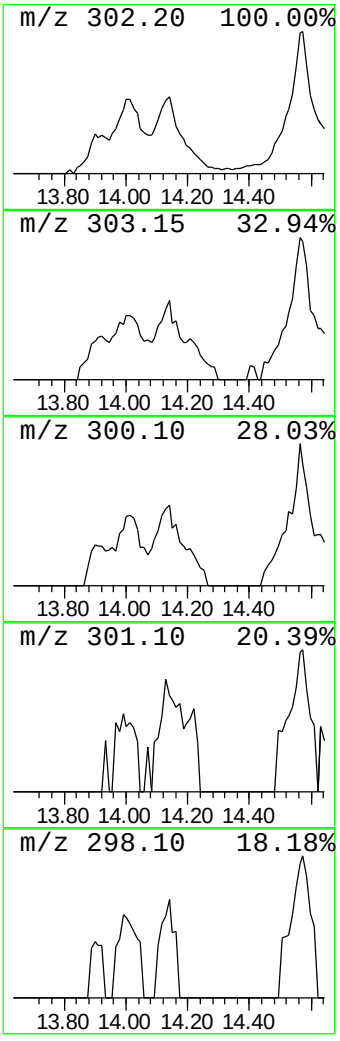
Peak Number 5 1,2:3,4-Dibenzopyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	3.13 ng	66302	Chrysene-d12	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	58
2	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	53
3	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	53
4	Dibenzo[fg,op]naphthacene	302	C24H14	000192-51-8	50
5	Benzaldehyde hydrazone,4-methoxy...	302	C15H18N4O3	052421-35-9	47





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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
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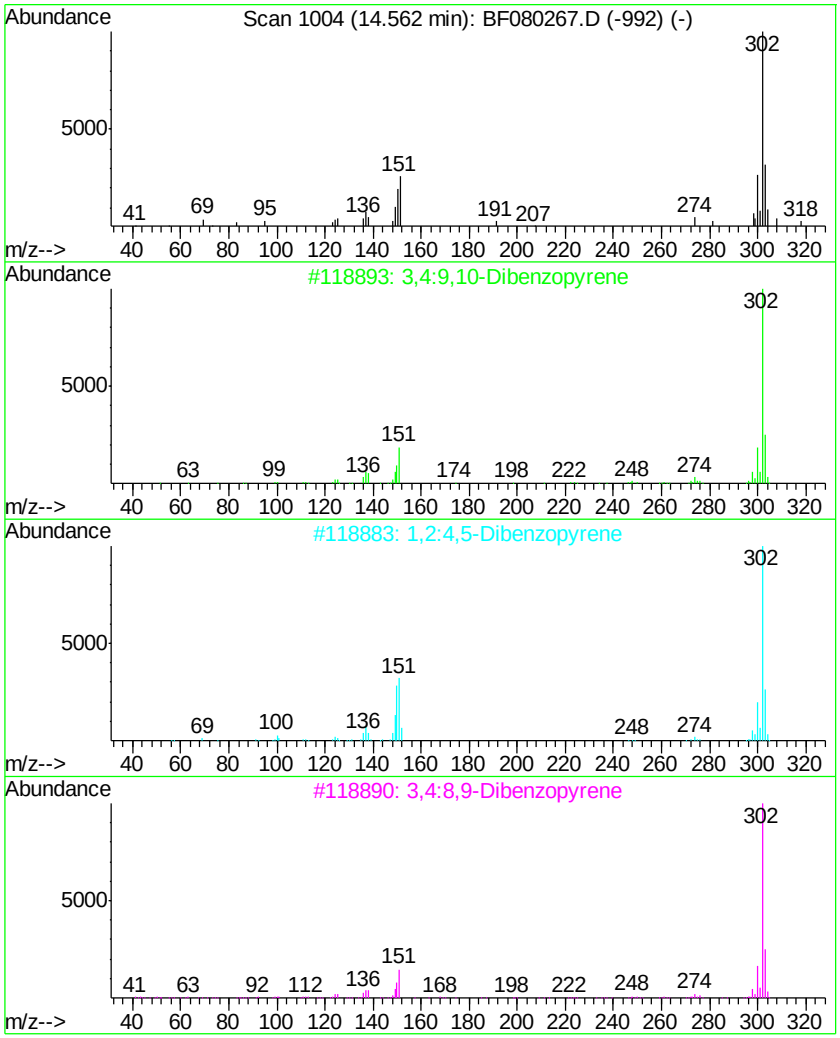
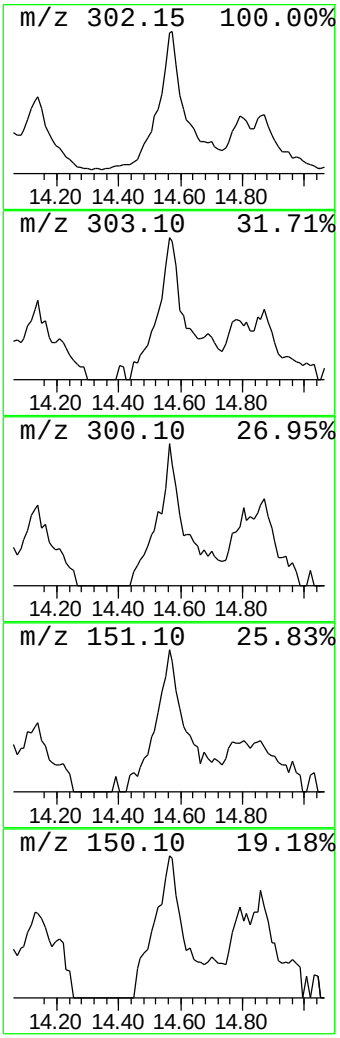
Peak Number 6 3,4:9,10-Dibenzopyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	8.67 ng	183650	Chrysene-d12	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	94
2	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	93
3	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	91
4	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	81
5	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	68





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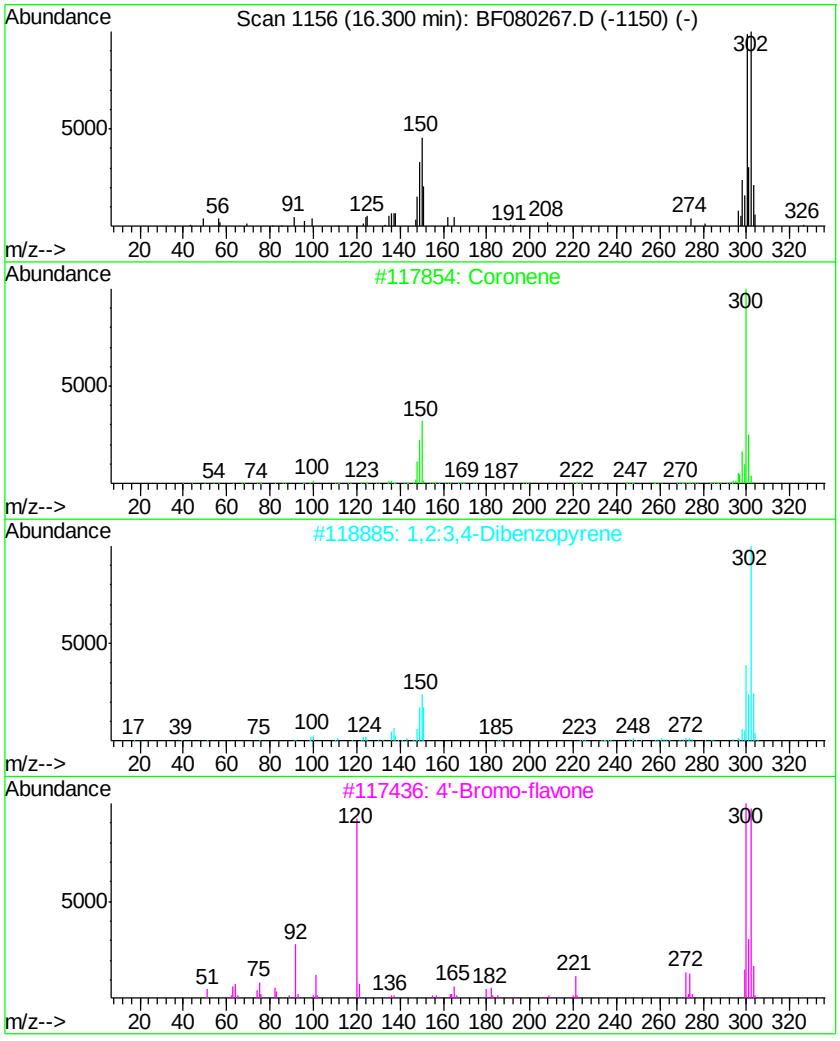
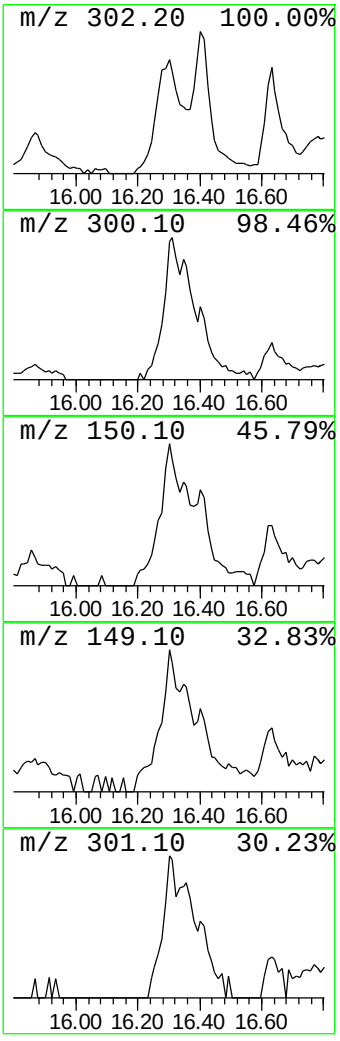
Peak Number 7 Coronene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	6.32 ng	135436	Perylene-d12	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Coronene	300	C24H12	000191-07-1	55
2	1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	53
3	4'-Bromo-flavone	300	C15H9BrO2	020525-20-6	52
4	Acetophenone, 4'-bromo-2-[3-(p-b...	497	C23H17Br2NO2	021326-93-2	50
5	2-(4-Bromophenyl)-5-phenyl-1,3,4...	300	C14H9BrN2O	021510-43-0	49





Tentatively Identified Compound (LSC) summary

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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...	5.50	17.3	ng	190170	1	7.28	220320	20.0
unknown7.05	7.05	92.3	ng	1016940	1	7.28	220320	20.0
1,2:4,5-Dibenzopy...	14.00	3.0	ng	64418	5	14.99	423781	20.0
1,2:3,4-Dibenzopy...	14.14	3.1	ng	66302	5	14.99	423781	20.0
3,4:9,10-Dibenzop...	14.56	8.7	ng	183650	5	14.99	423781	20.0
Coronene	16.30	6.3	ng	135436	6	16.95	428878	20.0