LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040615\
Data File : BF078290.D
Acq On : 7 Apr 2015 8:28
Operator : TP/IZ
Sample : G1779-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(2-4)

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-BF040115.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	1.150	20	23	25	rBV	3593270	4930960	100.00%	29.948%
2	1.253	28	32	35	rVB	85020	158781	3.22%	0.964%
3	1.401	43	45	48	rVB	72589	100961	2.05%	0.613%
4	1.687	68	70	83	rVB	59977	98397	2.00%	0.598%
5	4.693	331	333	339	rBV	87982	139979	2.84%	0.850%
6	5.253	380	382	385	rBV	692917	997550	20.23%	6.058%
7	6.579	495	498	500	rBV	1012073	1065471	21.61%	6.471%
8	6.693	505	508	511	rVV	1148821	1104593	22.40%	6.709%
9	6.979	531	533	535	rBV	265542	253851	5.15%	1.542%
10	7.162	547	549	552	rBV	952278	862710	17.50%	5.240%
11	7.676	592	594	596	rBV	748376	658363	13.35%	3.998%
12	8.556	669	671	673	rBV	370507	348527	7.07%	2.117%
13	9.905	786	789	791	rBV	1361418	1293142	26.22%	7.854%
14	10.716	857	860	863	rBV	445869	415290	8.42%	2.522%
15	11.699	943	946	948	rBV	617966	774860	15.71%	4.706%
16	12.545	1018	1020	1022	rBV	461662	438429	8.89%	2.663%
17	14.042	1149	1151	1153	rBV	59128	54097	1.10%	0.329%
18	14.317	1173	1175	1178	rVB	50962	53645	1.09%	0.326%
19	14.545	1192	1195	1197	rBV	1241380	1473882	29.89%	8.951%
20	15.723	1295	1298	1303	rBV	67887	131059	2.66%	0.796%
21	15.814	1304	1306	1309	rBV	372854	533279	10.81%	3.239%
22	17.117	1418	1420	1425	rBV	32562	64551	1.31%	0.392%
23	17.563	1456	1459	1462	rBV	389066	512953	10.40%	3.115%

Sum of corrected areas: 16465330

LSC Report - Integrated Chromatogram

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Instrument : BNA_F
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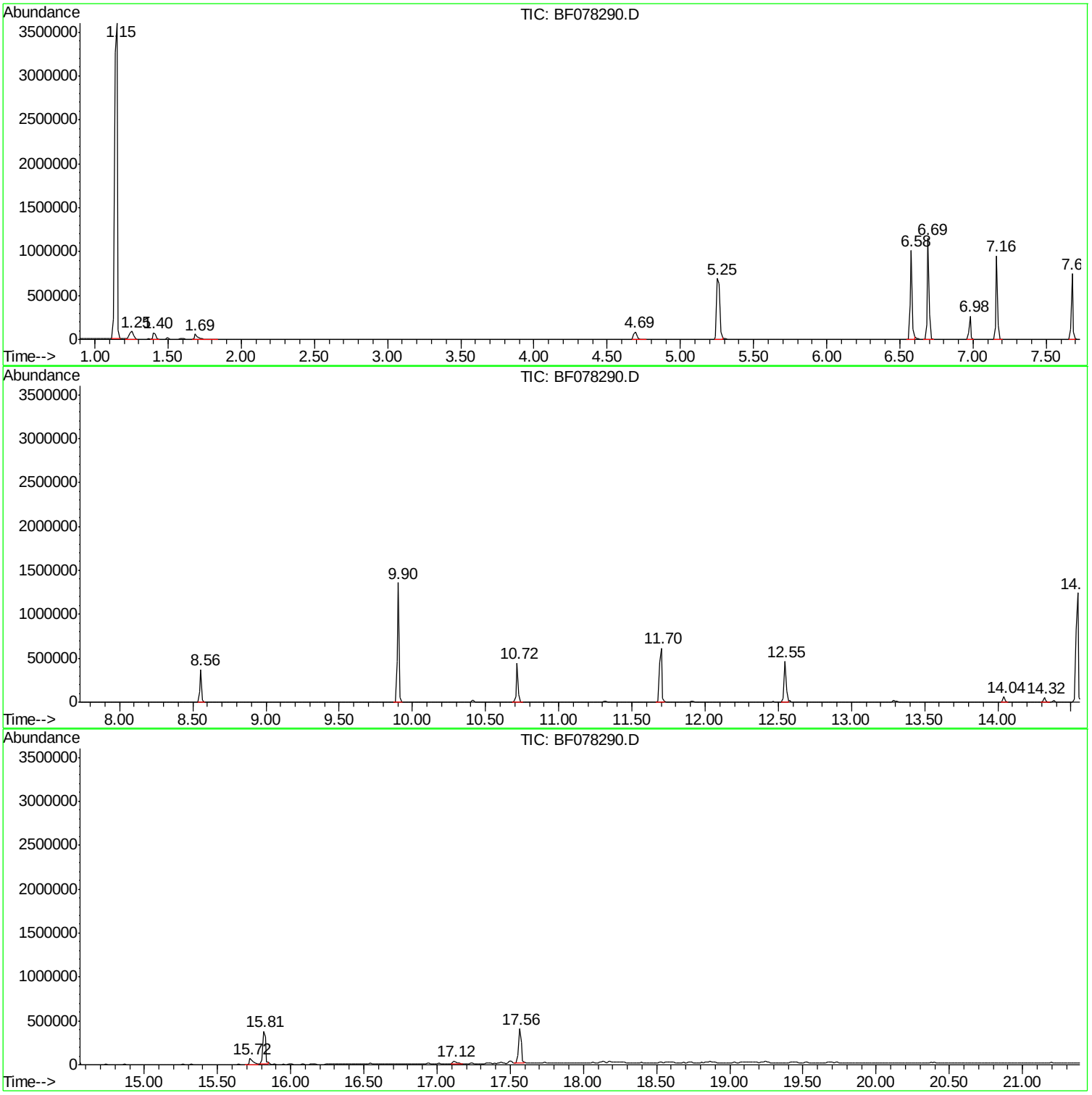
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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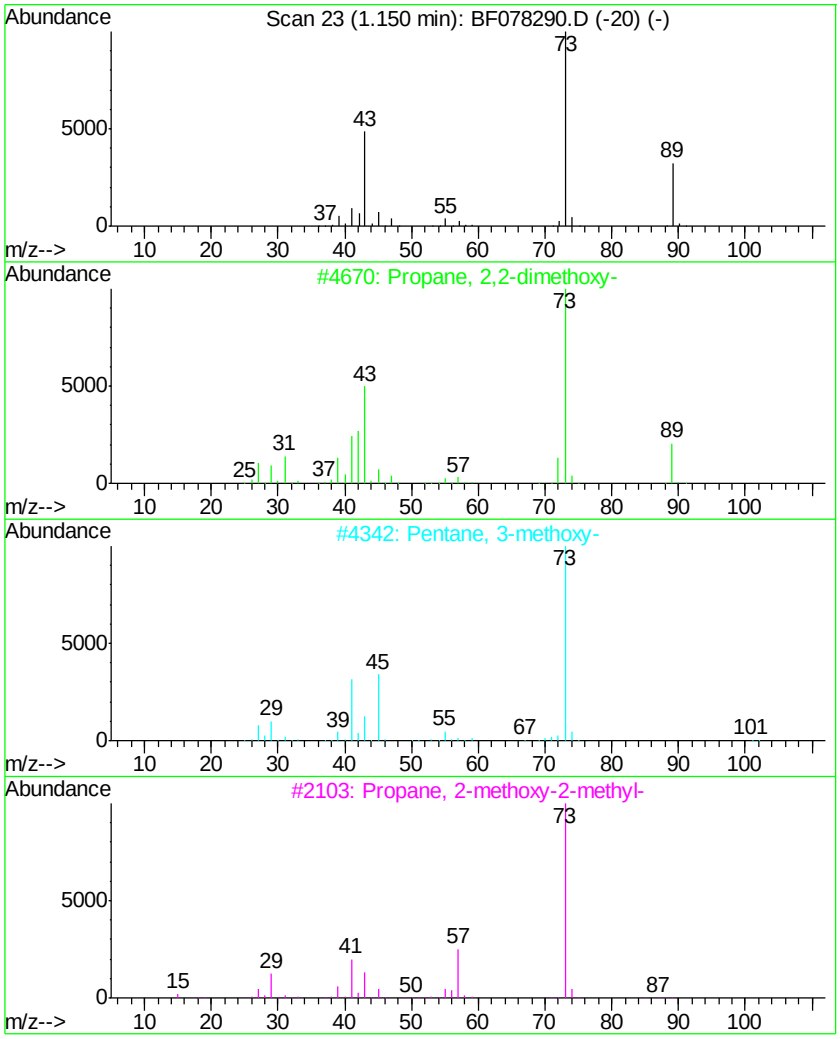
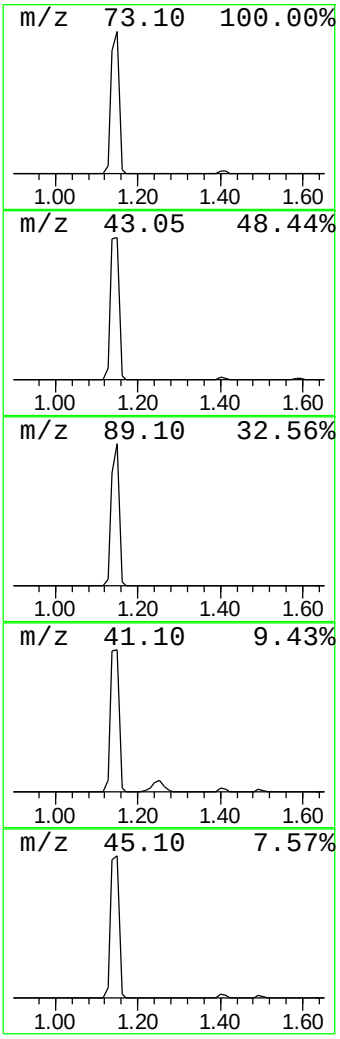
Peak Number 1 unknown1.15 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.15	388.49 ng	4930960	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	45
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-3(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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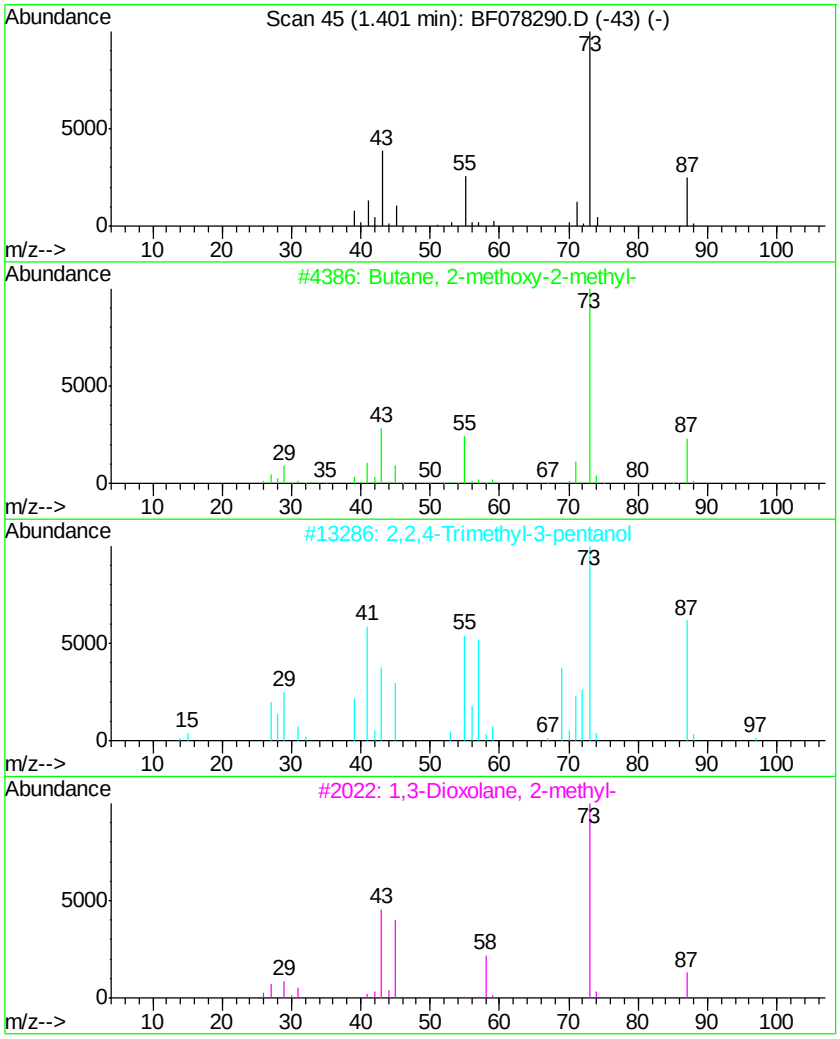
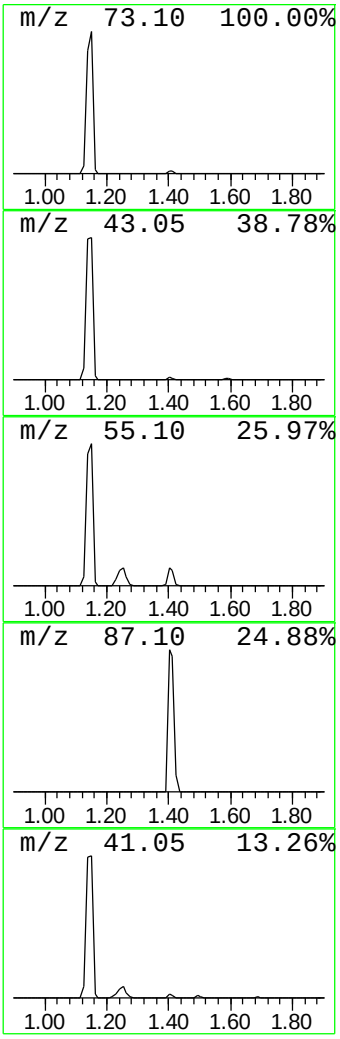
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.40	7.95 ng	100961	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12





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Acq On : 7 Apr 2015 8:28
Operator : TP/IZ
Sample : G1779-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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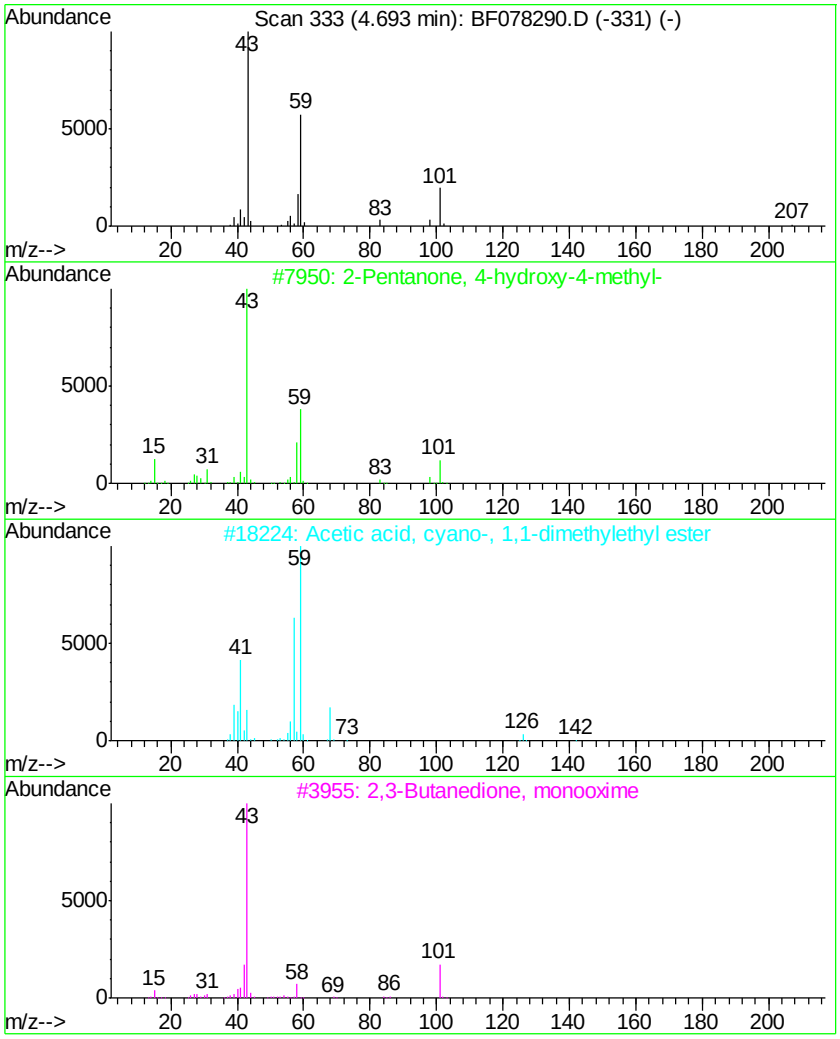
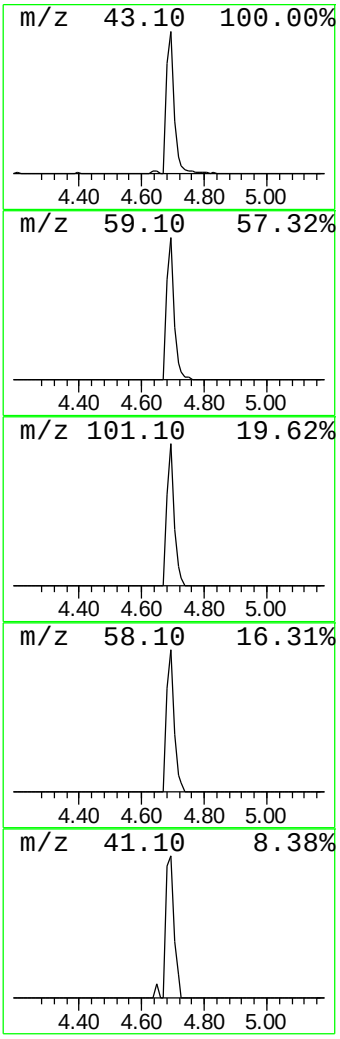
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.69	11.03 ng	139979	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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TIC Library : C:\DATABASE\NIST02.L
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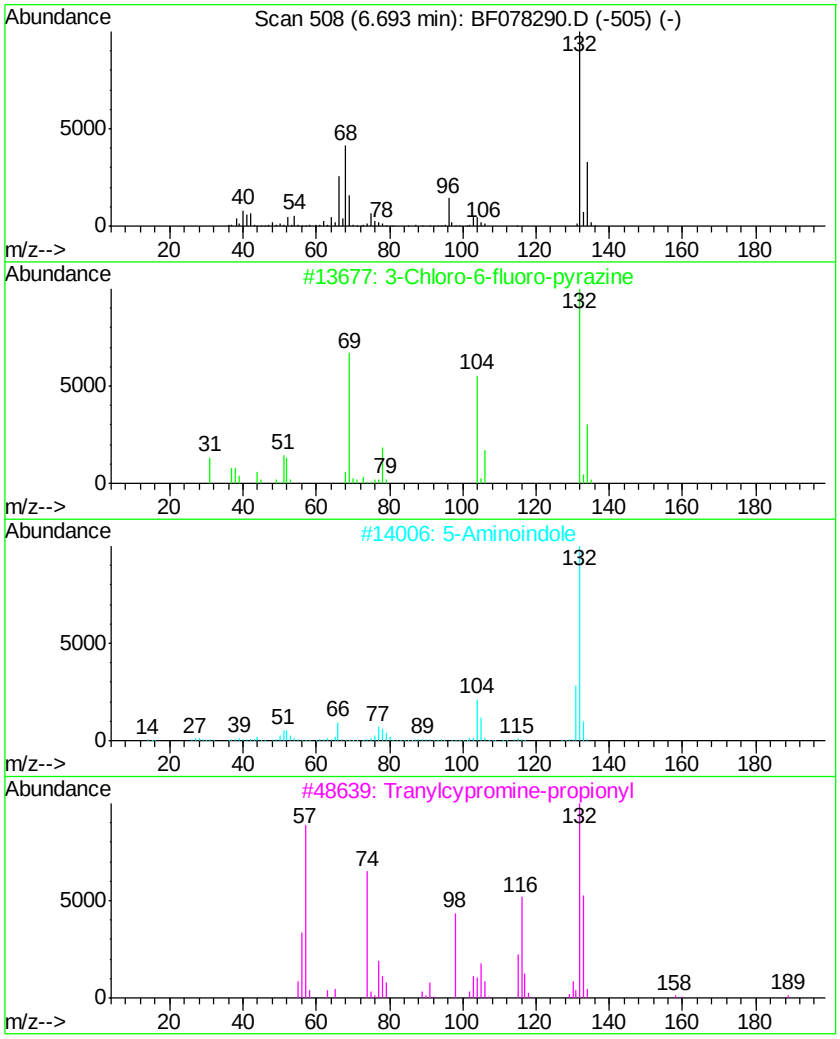
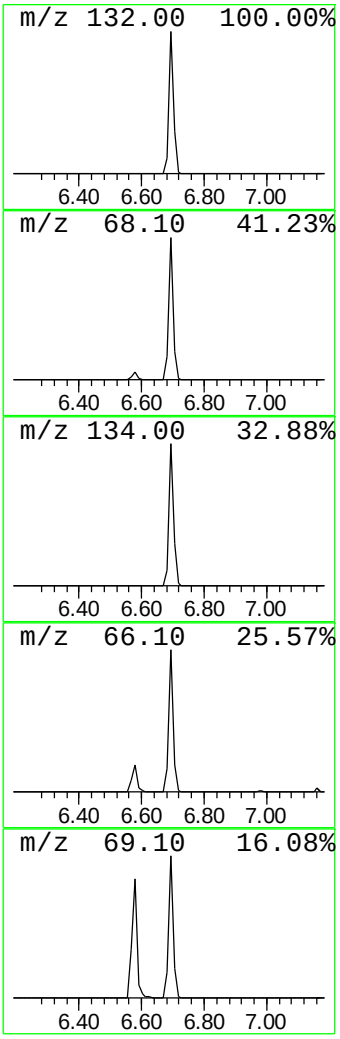
Peak Number 6 unknown6.69 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	87.03 ng	1104590	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Sample : G1779-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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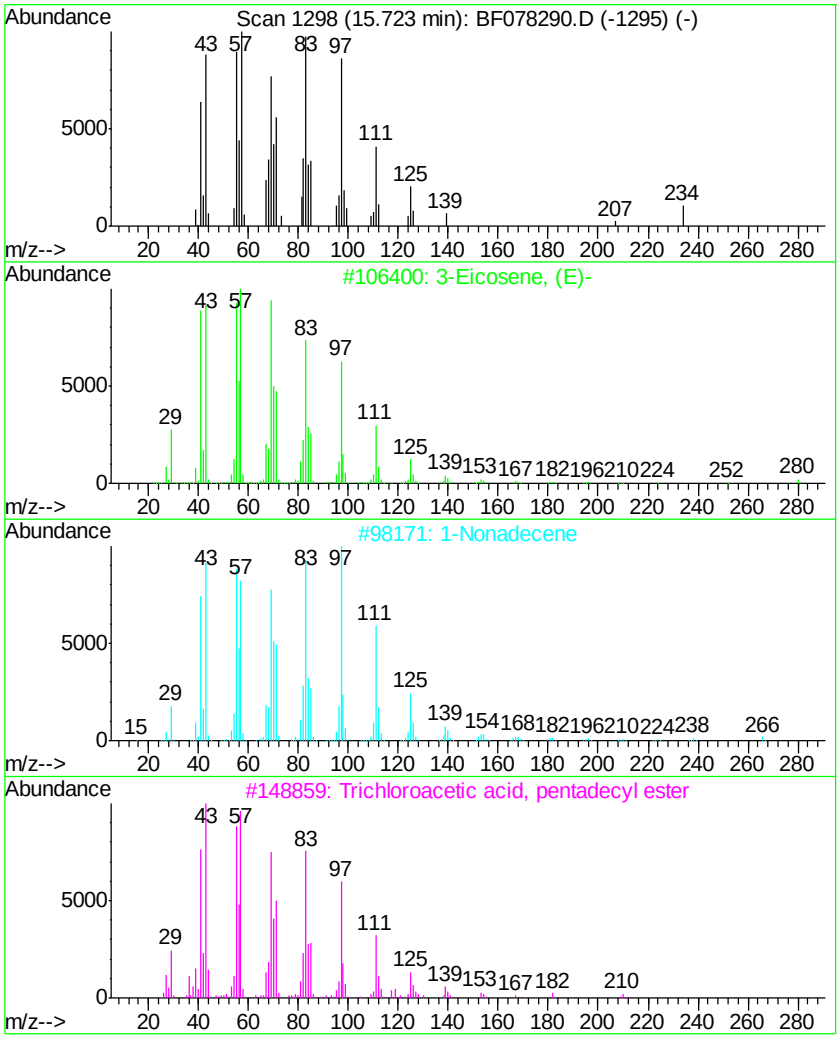
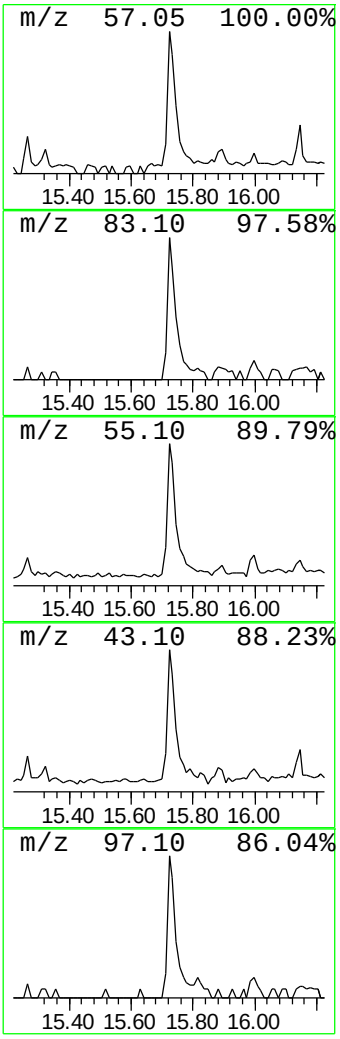
Peak Number 9 3-Eicosene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	4.92 ng	131059	Chrysene-d12	15.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4	1-Octadecanol	270	C18H38O	000112-92-5	90
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	87





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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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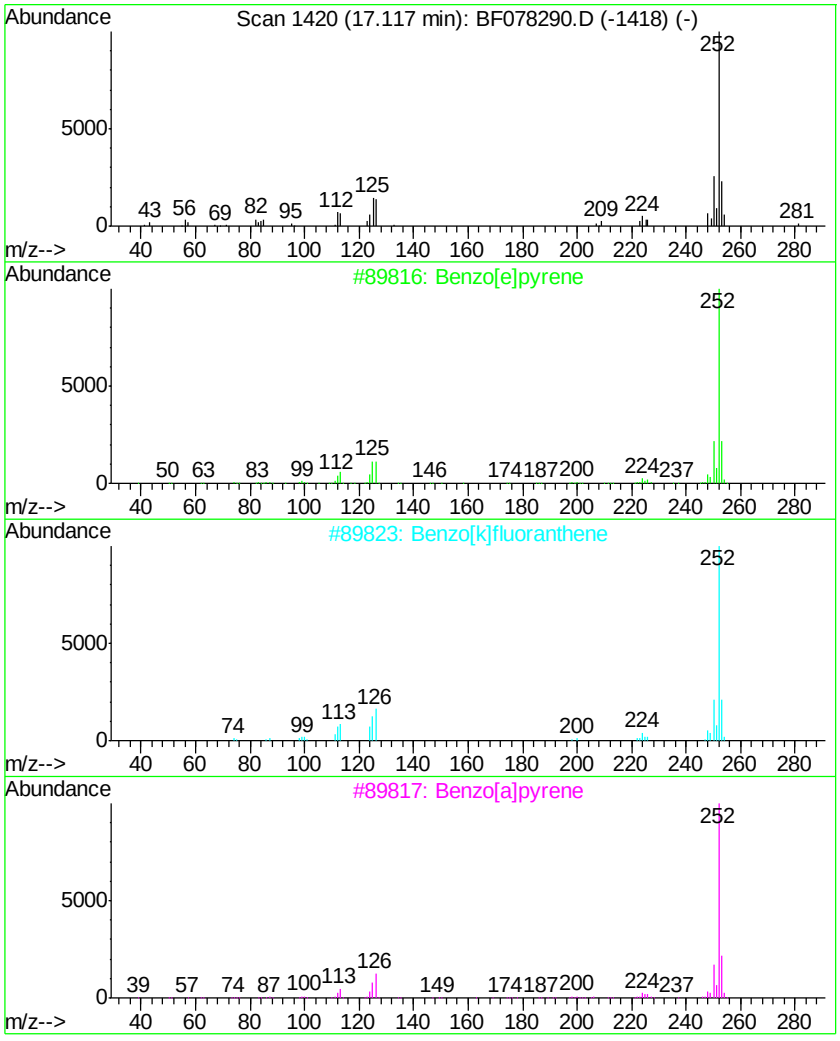
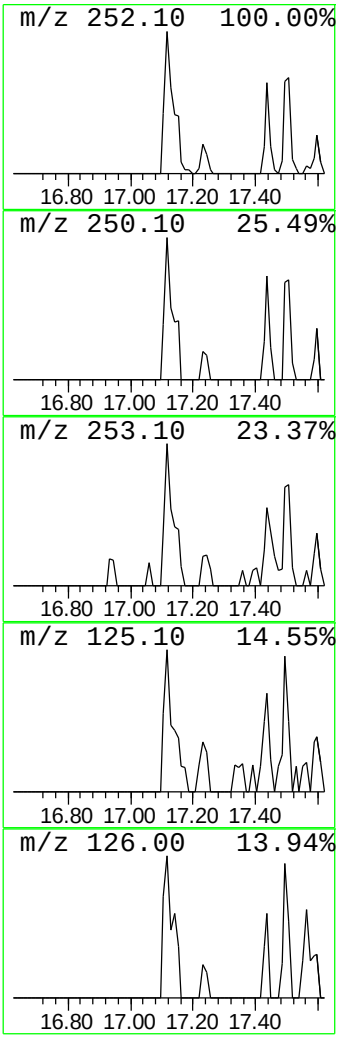
Peak Number 10 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	2.52 ng	64551	Perylene-d12	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Perylene	252	C20H12	000198-55-0	83





Tentatively Identified Compound (LSC) summary

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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
unknown1.15	1.15	388.5	ng	4930960	1	6.98	253851	20.0
Butane, 2-methoxy...	1.40	8.0	ng	100961	1	6.98	253851	20.0
2-Pentanone, 4-hy...	4.69	11.0	ng	139979	1	6.98	253851	20.0
unknown6.69	6.69	87.0	ng	1104590	1	6.98	253851	20.0
3-Eicosene, (E)-	15.72	4.9	ng	131059	5	15.83	533279	20.0
Benzo[e]pyrene	17.12	2.5	ng	64551	6	17.56	512953	20.0