LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040615\
Data File : BF078293.D
Acq On : 7 Apr 2015 9:54
Operator : TP/IZ
Sample : G1779-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(6-8)

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	1.138	19	22	25	rBV	3775193	3785190	100.00%	30.086%
2	1.253	28	32	35	rVB	94672	159950	4.23%	1.271%
3	1.401	43	45	48	rVB	77838	83728	2.21%	0.666%
4	1.687	68	70	81	rBV	110867	170719	4.51%	1.357%
5	4.681	331	332	342	rVB	54323	91436	2.42%	0.727%
6	5.253	380	382	395	rBV	588263	711970	18.81%	5.659%
7	6.579	495	498	500	rBV	514457	714148	18.87%	5.676%
8	6.693	506	508	511	rBV	833923	782574	20.67%	6.220%
9	6.979	531	533	535	rBV	229470	224012	5.92%	1.781%
10	7.162	546	549	551	rBV	671193	603233	15.94%	4.795%
11	7.676	591	594	596	rBV	493846	459378	12.14%	3.651%
12	8.556	668	671	673	rBV	326884	317158	8.38%	2.521%
13	9.905	786	789	791	rBV	870552	883351	23.34%	7.021%
14	10.716	857	860	863	rBV	399000	372032	9.83%	2.957%
15	11.688	943	945	948	rBV2	389263	536629	14.18%	4.265%
16	12.545	1018	1020	1023	rBV	408097	378963	10.01%	3.012%
17	14.534	1192	1194	1197	rBV	719502	929990	24.57%	7.392%
18	15.723	1295	1298	1303	rBV	70698	144939	3.83%	1.152%
19	15.814	1303	1306	1309	rVB	424063	433377	11.45%	3.445%
20	16.534	1366	1369	1373	rBV	61788	88845	2.35%	0.706%
21	17.311	1434	1437	1442	rBV	36150	70195	1.85%	0.558%
22	17.540	1454	1457	1460	rBV	382513	452176	11.95%	3.594%
23	18.134	1507	1509	1512	rBV2	32632	66290	1.75%	0.527%
24	21.072	1761	1766	1771	rVB3	45634	120848	3.19%	0.961%

Sum of corrected areas: 12581131

LSC Report - Integrated Chromatogram

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Misc :
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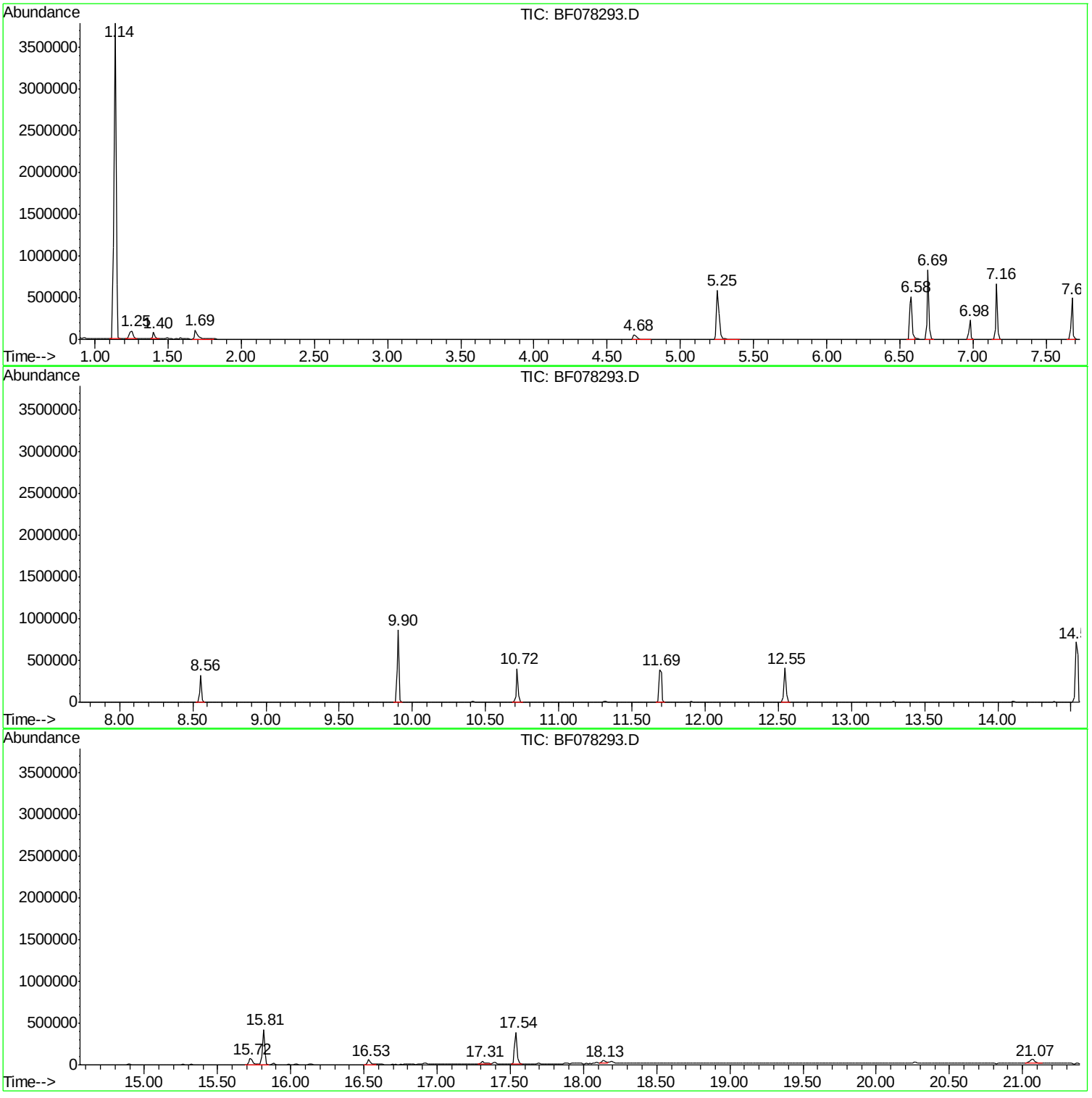
Instrument :
BNA_F
ClientSampleId :
SB-4(6-8)

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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Misc :
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Instrument : BNA_F
ClientSampleId : SB-4(6-8)

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

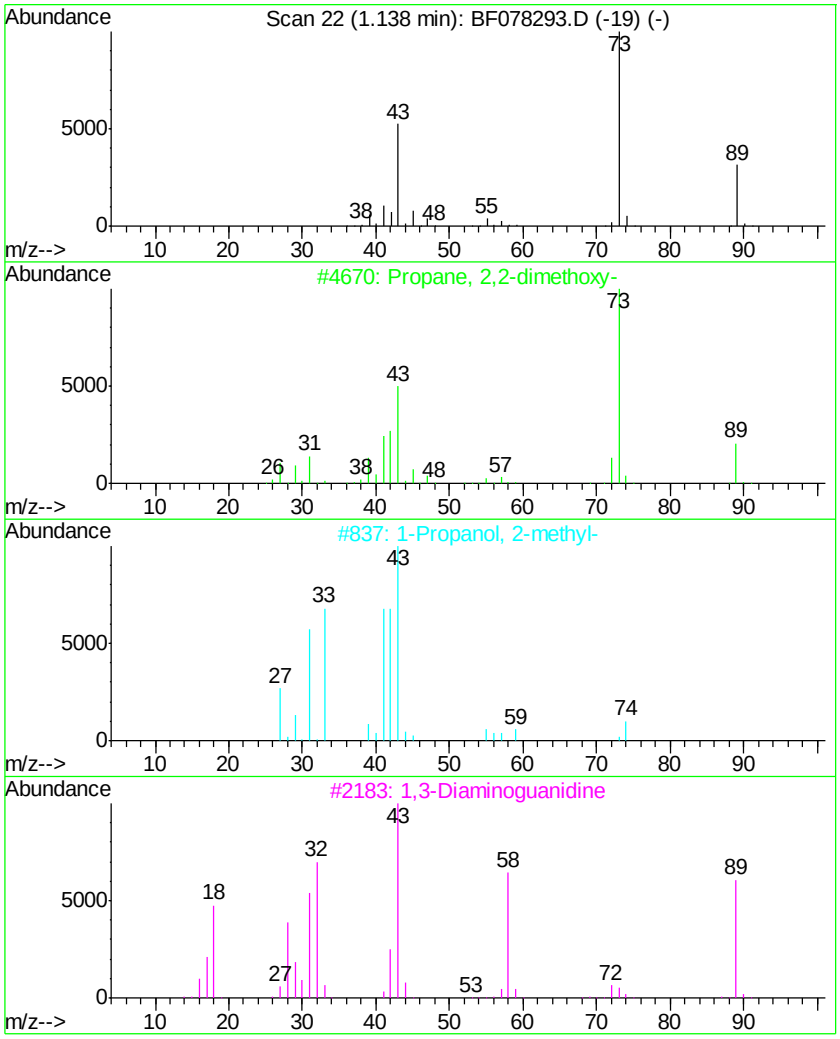
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

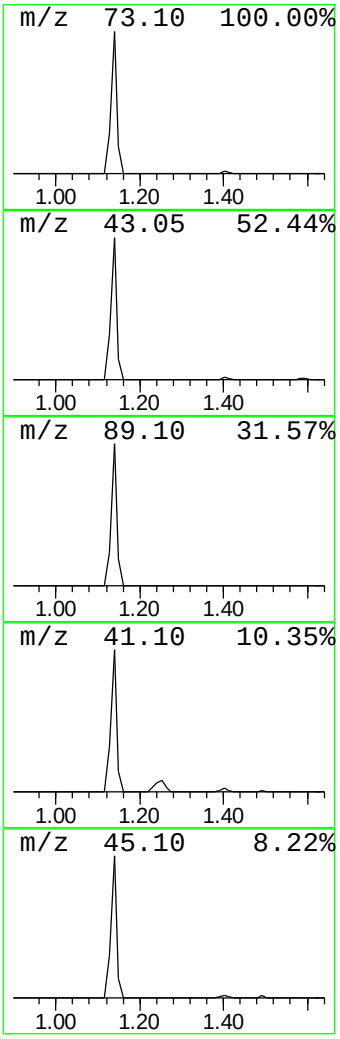
****

Peak Number 1 unknown1.14 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.14	337.95 ng	3785190	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	38
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





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Sample : G1779-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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TIC Library : C:\DATABASE\NIST02.L
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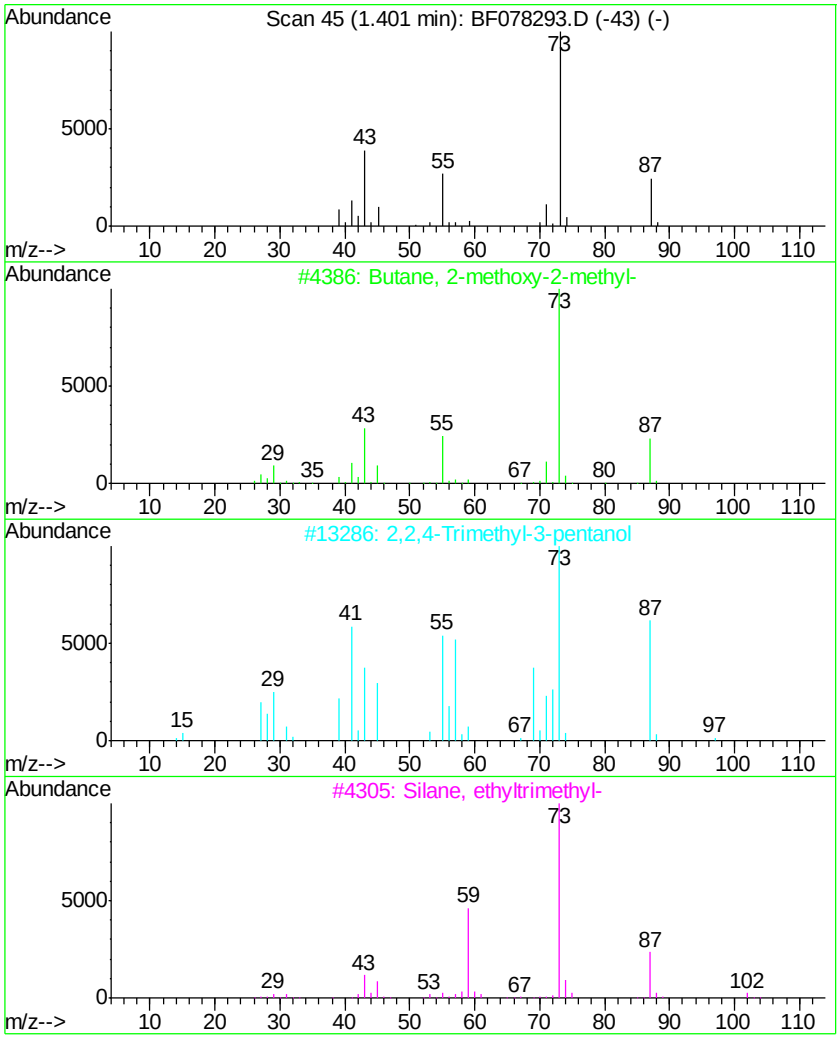
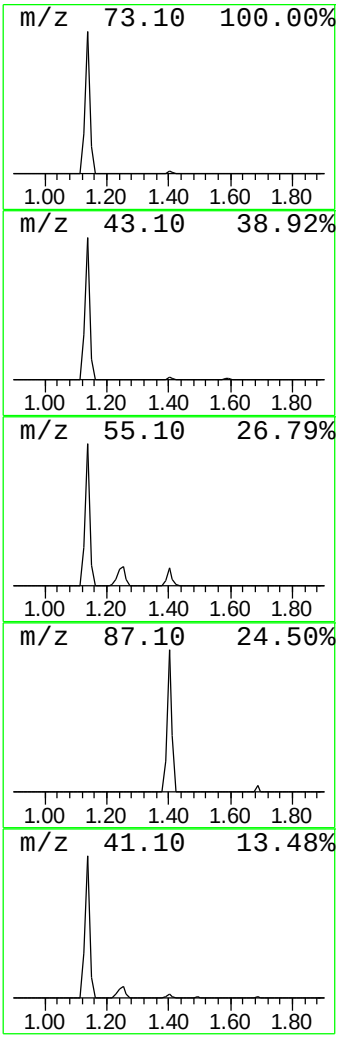
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.40	7.48 ng	83728	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	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Operator : TP/IZ
Sample : G1779-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(6-8)

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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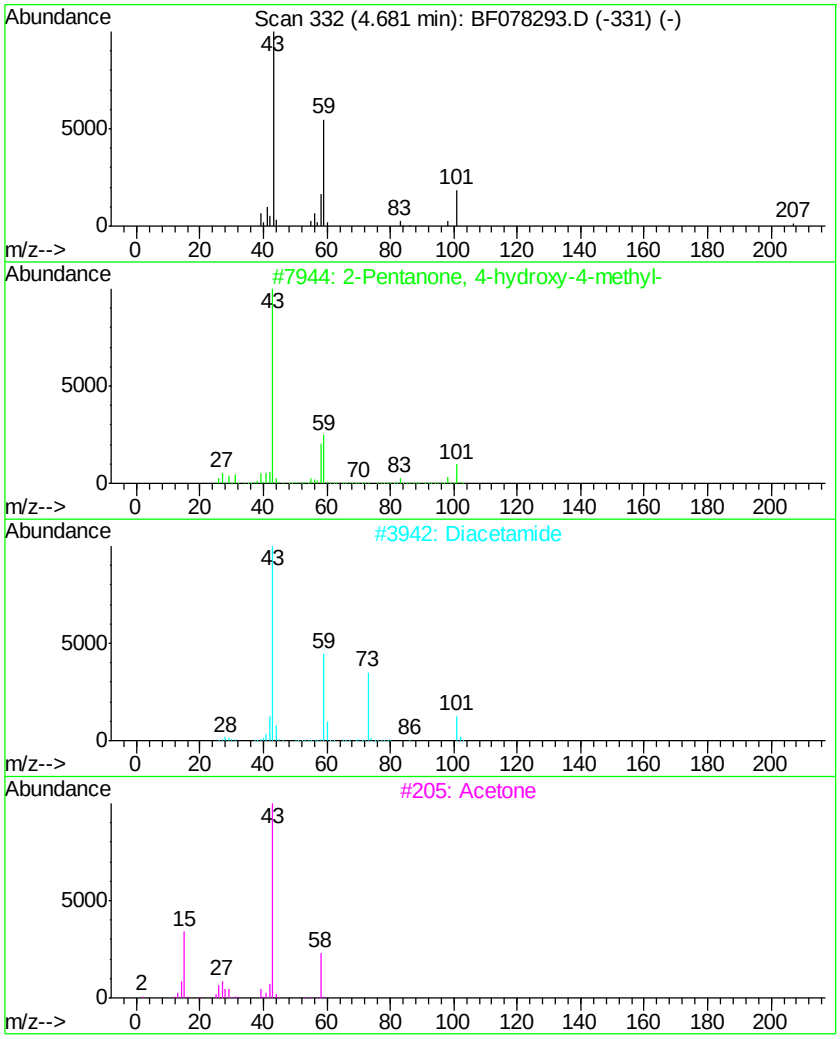
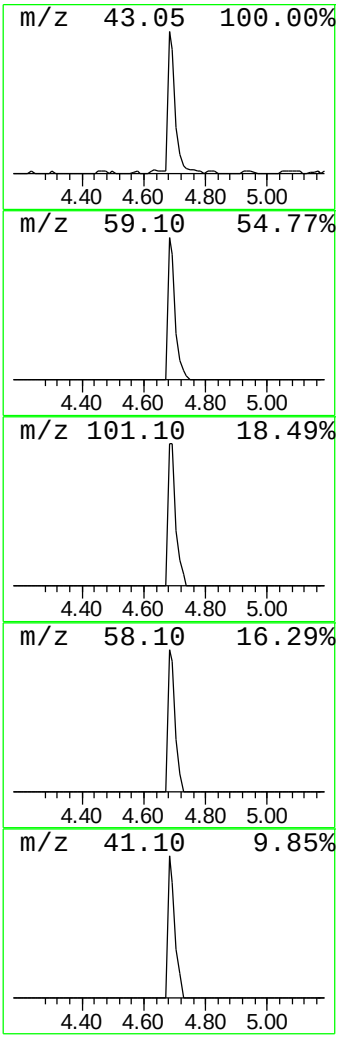
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	8.16 ng	91436	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	40
2	Diacetamide	101	C4H7NO2	000625-77-4	9
3	Acetone	58	C3H6O	000067-64-1	9
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	9





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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(6-8)

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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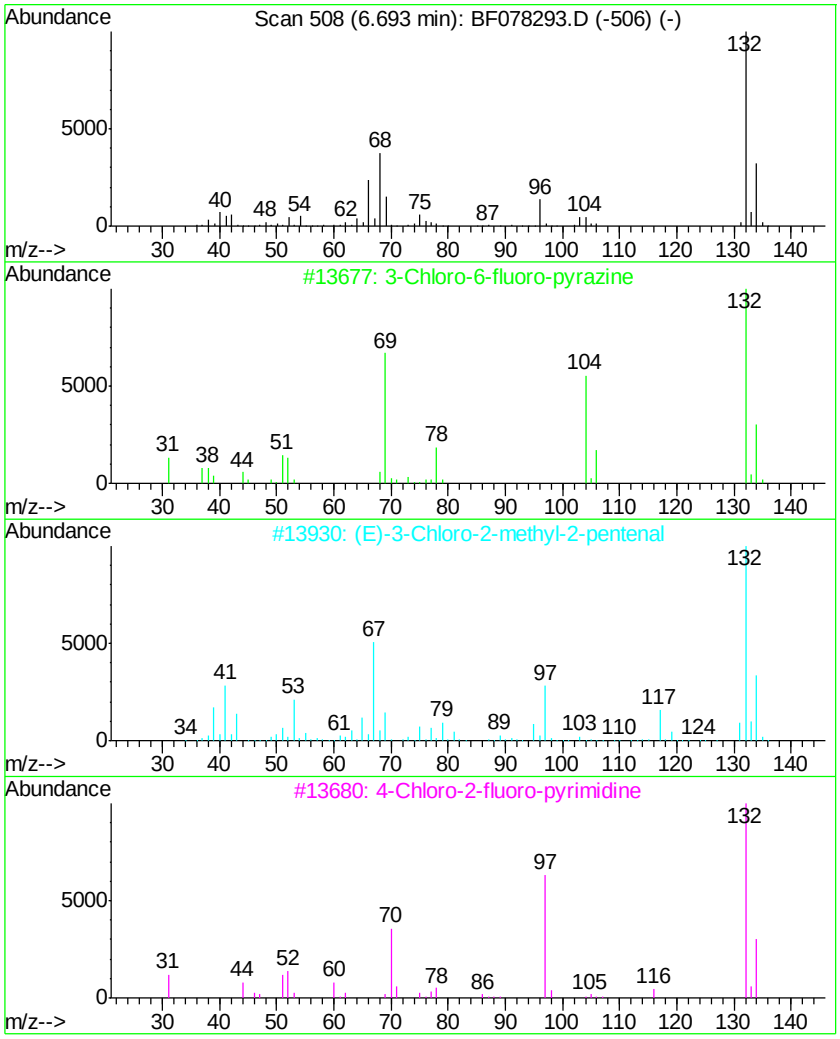
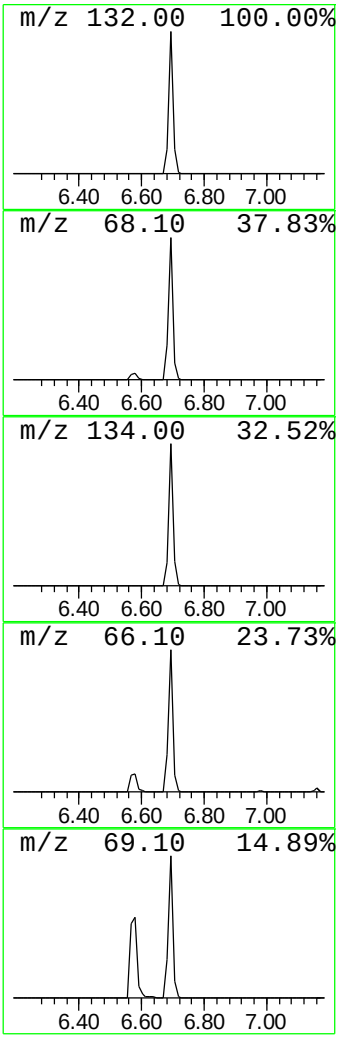
Peak Number 6 unknown6.69 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	69.87 ng	782574	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	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040615\
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Operator : TP/IZ
Sample : G1779-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(6-8)

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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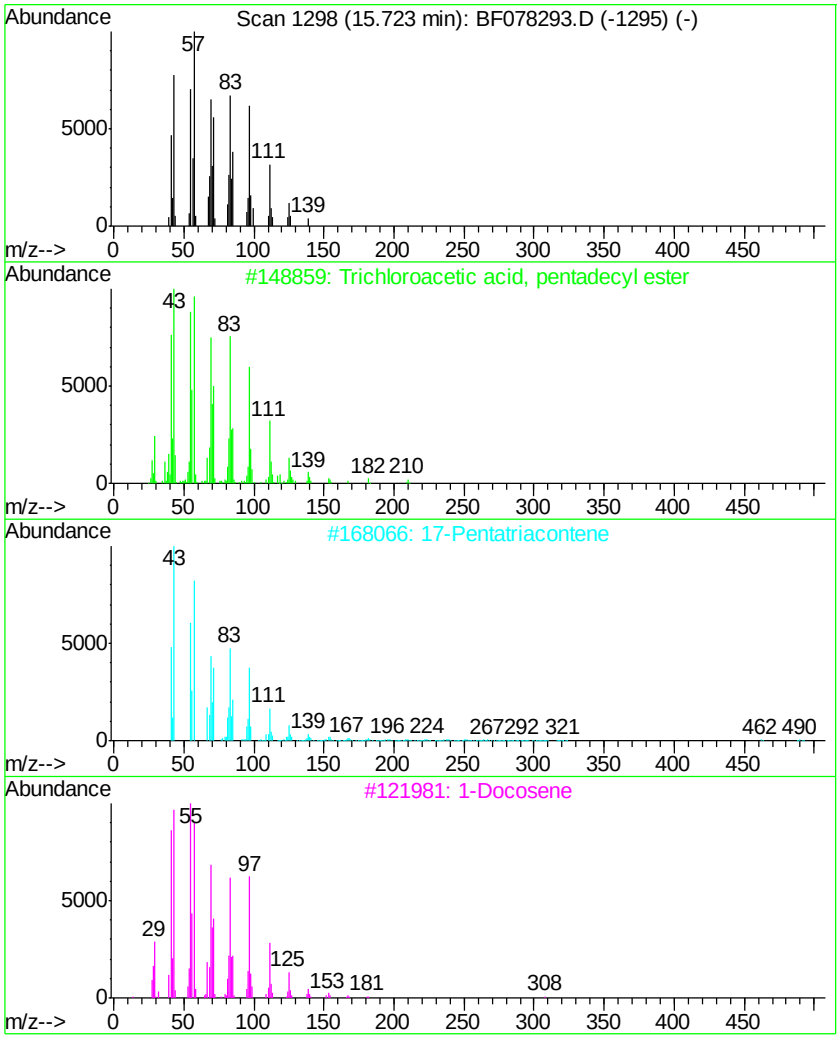
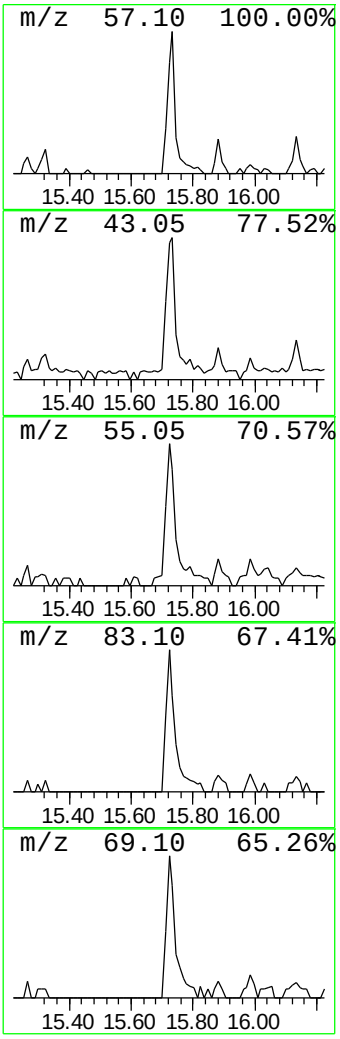
Peak Number 8 Trichloroacetic acid, penta... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	6.69 ng	144939	Chrysene-d12	15.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87
2	17-Pentatriacontene	491	C35H70	006971-40-0	83
3	1-Docosene	308	C22H44	001599-67-3	74
4	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	72
5	Acetic acid, trifluoro-, tetrade...	310	C16H29F3O2	006222-02-2	72





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Operator : TP/IZ
Sample : G1779-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(6-8)

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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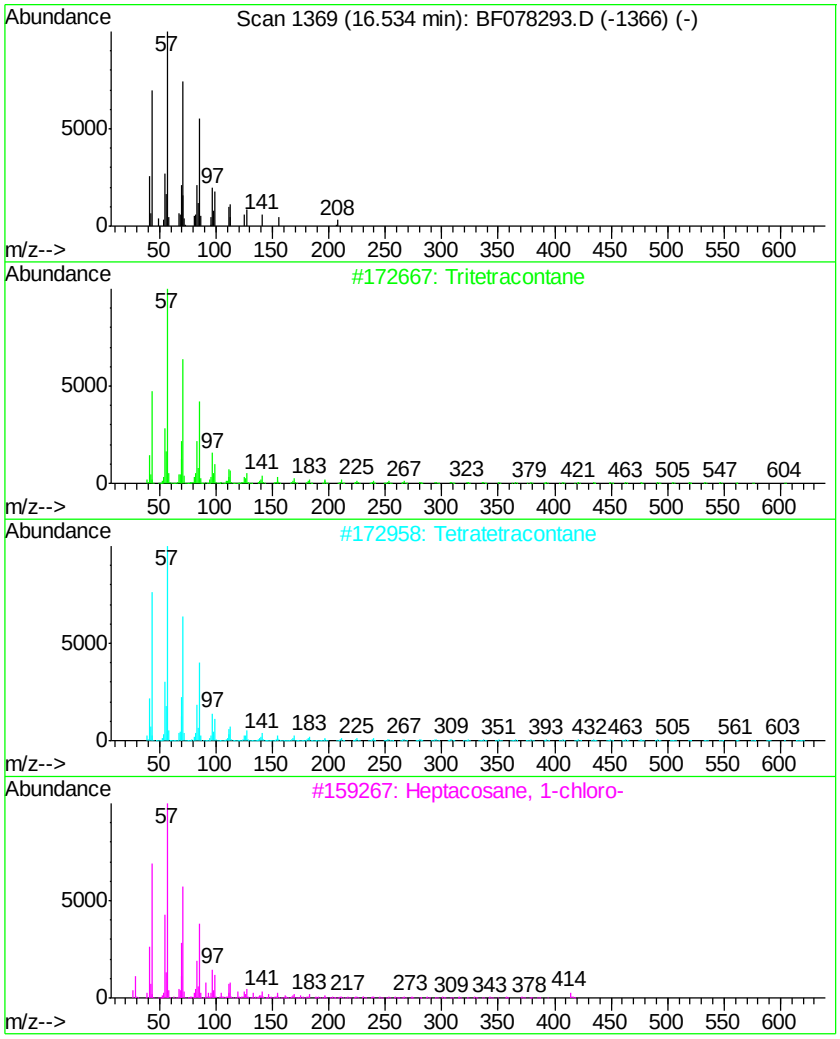
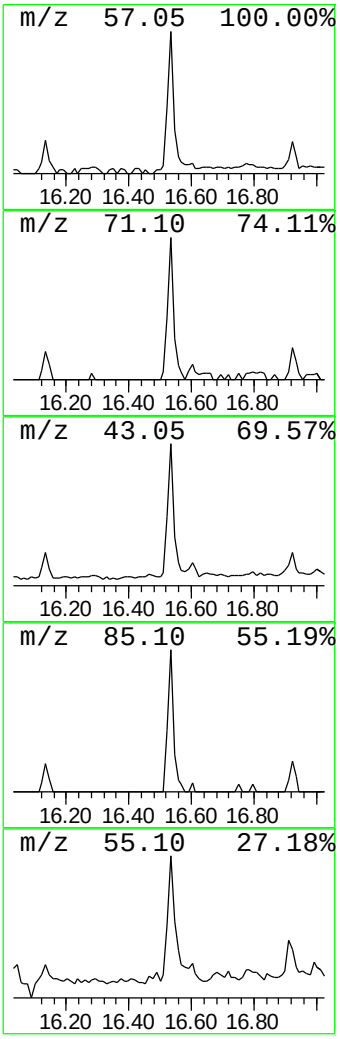
Peak Number 9 Tritetracontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	4.10 ng	88845	Chrysene-d12	15.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	91
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
4	Tetratriacontane	479	C34H70	014167-59-0	87
5	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	86





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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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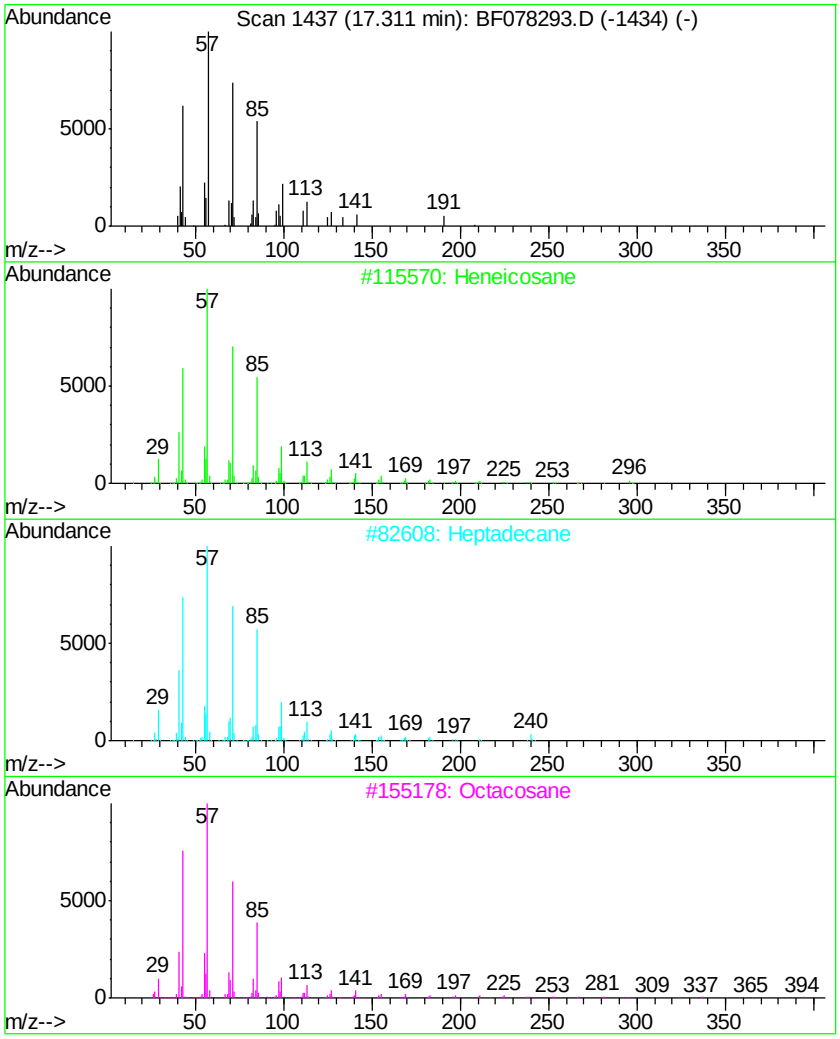
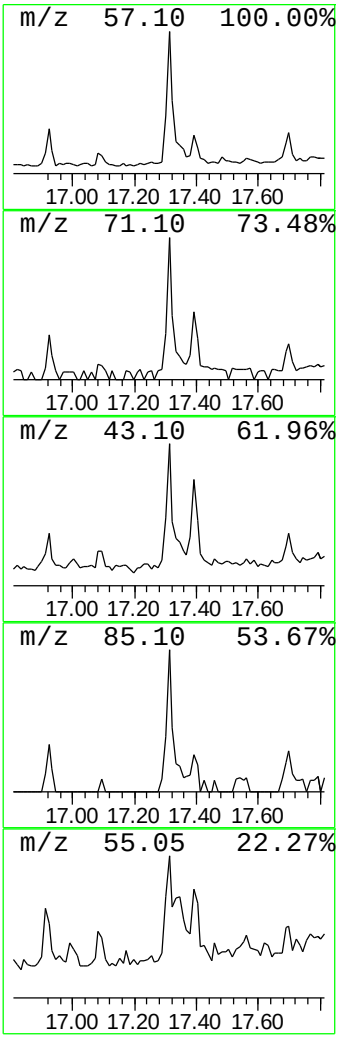
Peak Number 10 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.31	3.10 ng	70195	Perylene-d12	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Octacosane	394	C28H58	000630-02-4	87
4	Nonacosane	408	C29H60	000630-03-5	86
5	Triacontane	422	C30H62	000638-68-6	86





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-4(6-8)

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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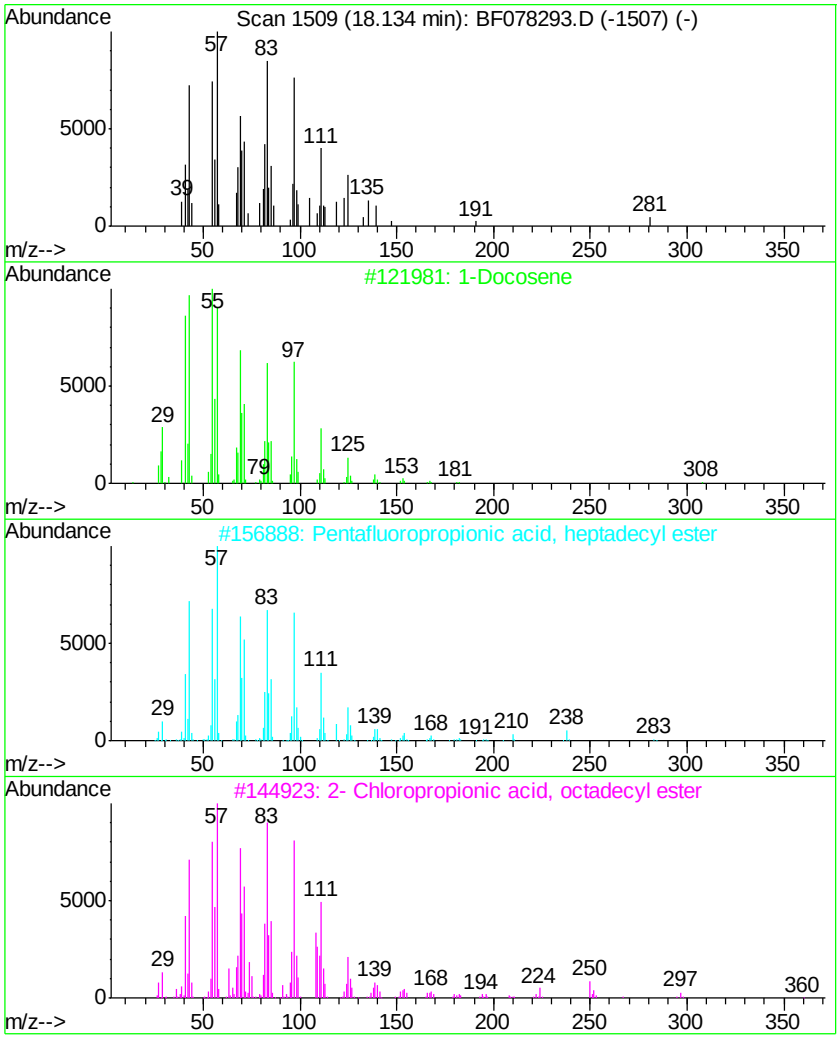
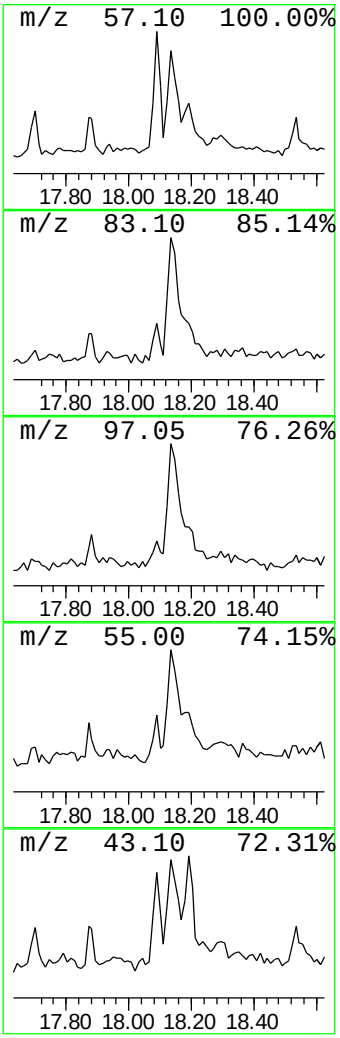
Peak Number 11 1-Docosene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	2.93 ng	66290	Perylene-d12	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	83
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	74
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	72
4	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	72
5	1-Nonadecene	266	C19H38	018435-45-5	68





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TIC Integration Parameters: LSCINT.P

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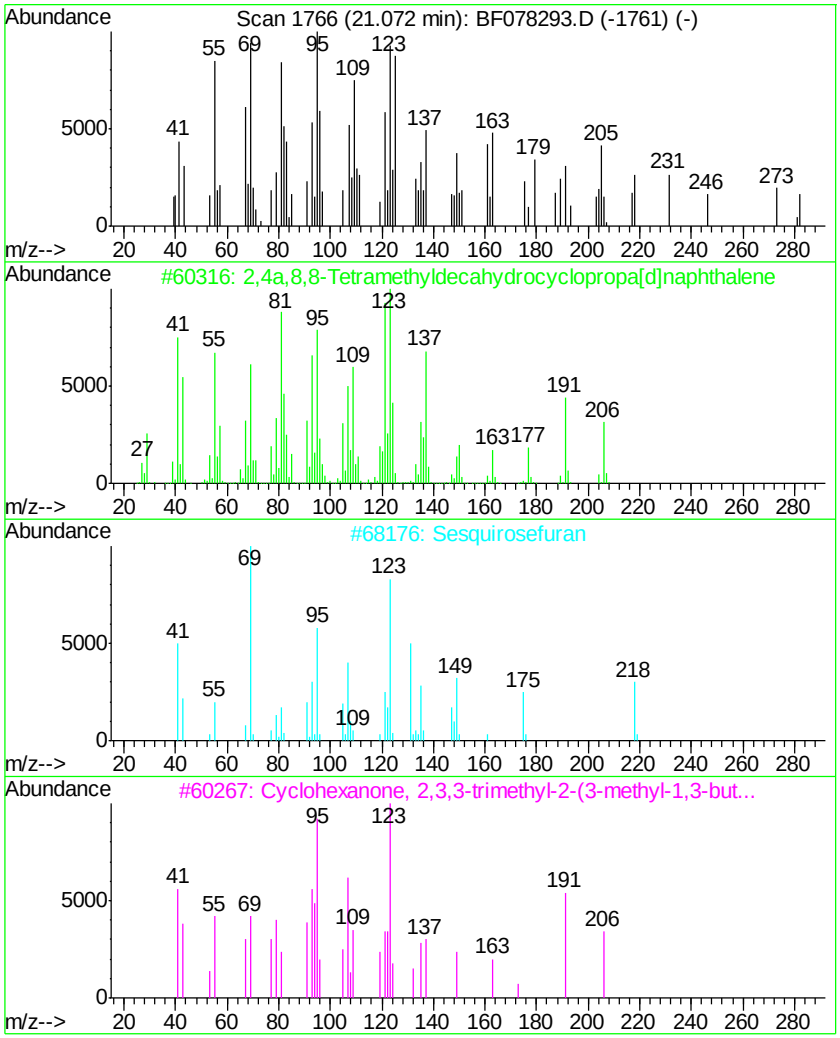
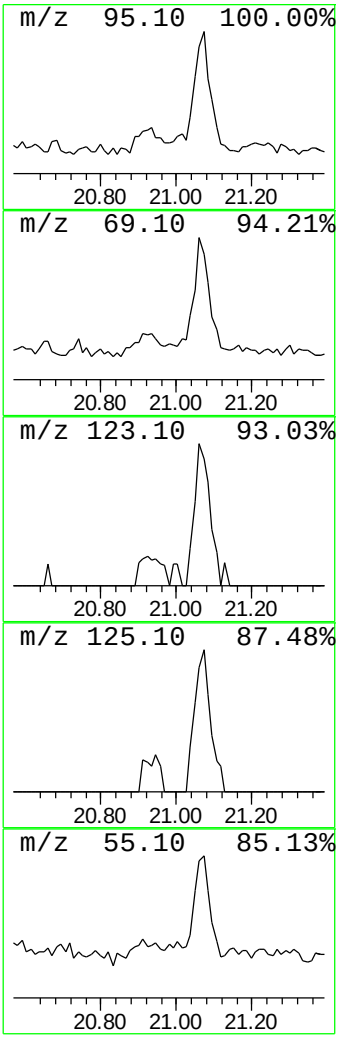
Peak Number 12 2,4a,8,8-Tetramethyldecahyd... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	5.35 ng	120848	Perylene-d12	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	86
2	Sesquirosefuran	218	C15H22O	039007-93-7	64
3	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	46
4	2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	38
5	3-Cyclopentylpropionic acid, 3-c...	216	C11H17ClO2	1000292-47-2	35





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
unknown1.14	1.14	337.9	ng	3785190	1	6.98	224012	20.0
Butane, 2-methoxy...	1.40	7.5	ng	83728	1	6.98	224012	20.0
2-Pentanone, 4-hy...	4.68	8.2	ng	91436	1	6.98	224012	20.0
unknown6.69	6.69	69.9	ng	782574	1	6.98	224012	20.0
Trichloroacetic a...	15.72	6.7	ng	144939	5	15.81	433377	20.0
Tritetracontane	16.53	4.1	ng	88845	5	15.81	433377	20.0
Heneicosane	17.31	3.1	ng	70195	6	17.54	452176	20.0
1-Docosene	18.13	2.9	ng	66290	6	17.54	452176	20.0
2,4a,8,8-Tetramet...	21.07	5.3	ng	120848	6	17.54	452176	20.0