LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022515\
Data File : BF077454.D
Acq On : 26 Feb 2015 2:54
Operator : IZ / TP
Sample : G1358-08
Misc : S/DOD
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-14-3

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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-BF021915.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	0.944	3	5	15	rVB2	53968	75290	1.19%	0.292%
2	1.458	47	50	53	rBV	5826641	6325584	100.00%	24.556%
3	1.584	57	61	65	rVV	101955	211932	3.35%	0.823%
4	1.767	74	77	80	rBV	73457	89694	1.42%	0.348%
5	1.870	84	86	94	rVB2	40516	71000	1.12%	0.276%
6	5.070	364	366	374	rVB	288635	370809	5.86%	1.439%
7	5.573	408	410	413	rBV	1010170	1415988	22.39%	5.497%
8	6.842	518	521	523	rBV	1704728	1589275	25.12%	6.170%
9	6.990	532	534	537	rBV	1184322	1525646	24.12%	5.923%
10	7.287	558	560	562	rVB	597055	529456	8.37%	2.055%
11	7.470	574	576	579	rVB	1307734	1193374	18.87%	4.633%
12	7.973	618	620	623	rBV	950538	886445	14.01%	3.441%
13	8.865	695	698	700	rBV	733482	726915	11.49%	2.822%
14	10.202	813	815	818	rVB	1298458	1757382	27.78%	6.822%
15	11.036	886	888	891	rVB	916898	861339	13.62%	3.344%
16	12.008	971	973	976	rBV	1027135	1166883	18.45%	4.530%
17	12.877	1046	1049	1051	rBV	976988	929118	14.69%	3.607%
18	14.865	1221	1223	1226	rBV	1434150	2045001	32.33%	7.939%
19	15.208	1251	1253	1261	rVB3	52675	109360	1.73%	0.425%
20	15.643	1288	1291	1292	rBV	46501	65777	1.04%	0.255%
21	16.031	1324	1325	1330	rBV2	100865	175998	2.78%	0.683%
22	16.157	1334	1336	1339	rBV	1002174	1087931	17.20%	4.223%
23	16.443	1359	1361	1363	rBV	59367	98699	1.56%	0.383%
24	16.843	1393	1396	1398	rBV	130599	188463	2.98%	0.732%
25	17.220	1427	1429	1433	rBV	84130	142162	2.25%	0.552%
26	17.597	1460	1462	1467	rBV2	98105	257688	4.07%	1.000%
27	17.860	1483	1485	1489	rVB	827317	1039466	16.43%	4.035%
28	18.431	1533	1535	1538	rVB	93994	125158	1.98%	0.486%
29	18.591	1546	1549	1555	rVB2	200025	438709	6.94%	1.703%
30	19.026	1584	1587	1591	rVB	124004	259303	4.10%	1.007%

Sum of corrected areas: 25759845

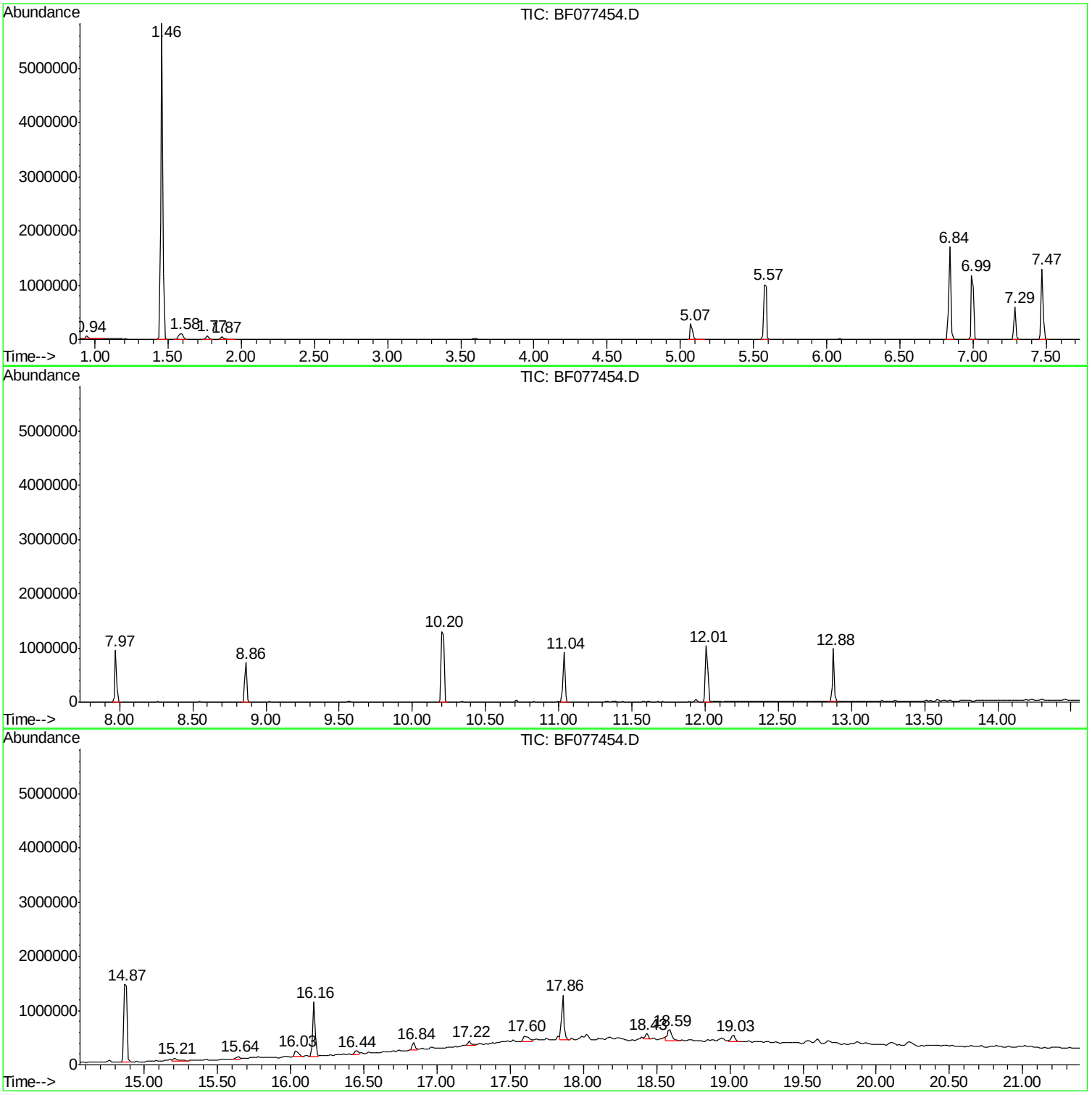
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022515\
Data File : BF077454.D
Acq On : 26 Feb 2015 2:54
Operator : IZ / TP
Sample : G1358-08
Misc : S/DOD
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TU012-SB-14-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022515\
Data File : BF077454.D
Acq On : 26 Feb 2015 2:54
Operator : IZ / TP
Sample : G1358-08
Misc : S/DOD
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-14-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

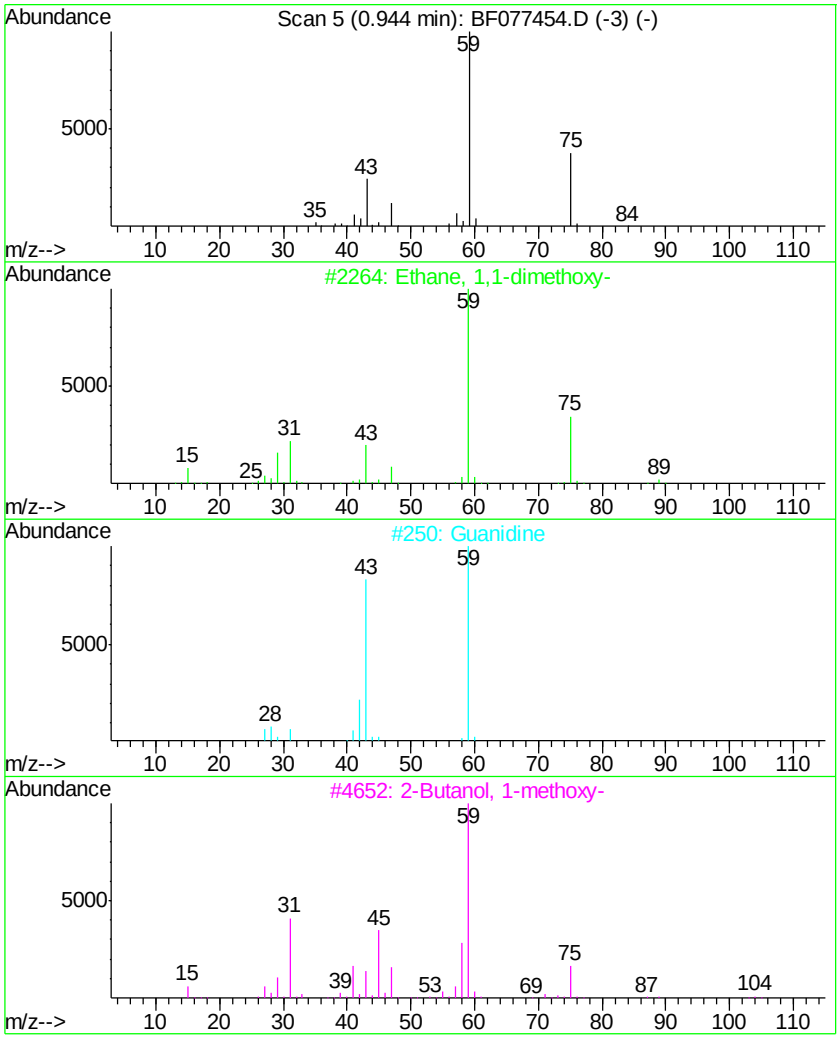
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

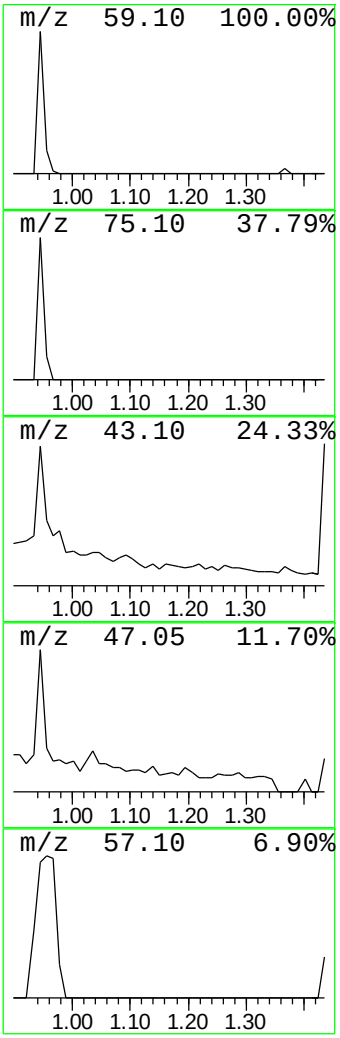
****

Peak Number 1 Ethane, 1,1-dimethoxy- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
0.94	2.84 ng	75290	1,4-Dichlorobenzene-d4	7.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1-dimethoxy-	90	C4H10O2	000534-15-6	78
2	Guanidine	59	CH5N3	000113-00-8	9
3	2-Butanol, 1-methoxy-	104	C5H12O2	053778-73-7	9
4	1,2-Butanediol	90	C4H10O2	000584-03-2	9
5	1,2-Butanediol, (.+/-.)-	90	C4H10O2	026171-83-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022515\
Data File : BF077454.D
Acq On : 26 Feb 2015 2:54
Operator : IZ / TP
Sample : G1358-08
Misc : S/DOD
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-14-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

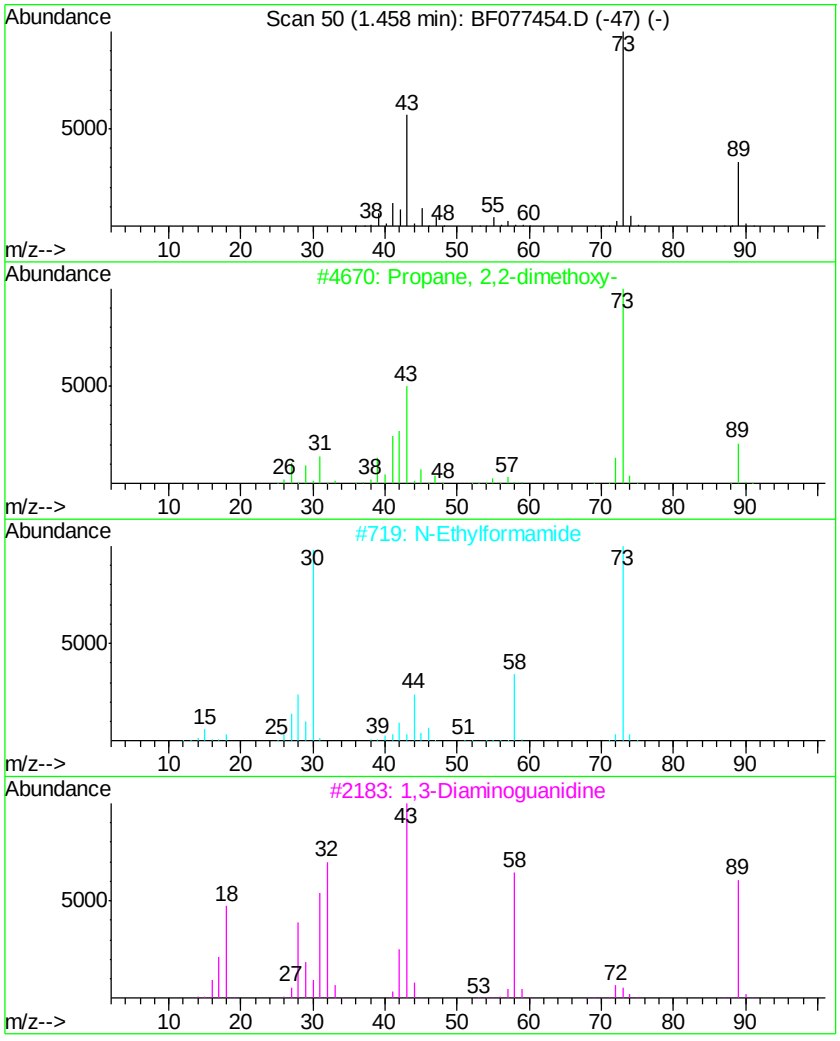
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

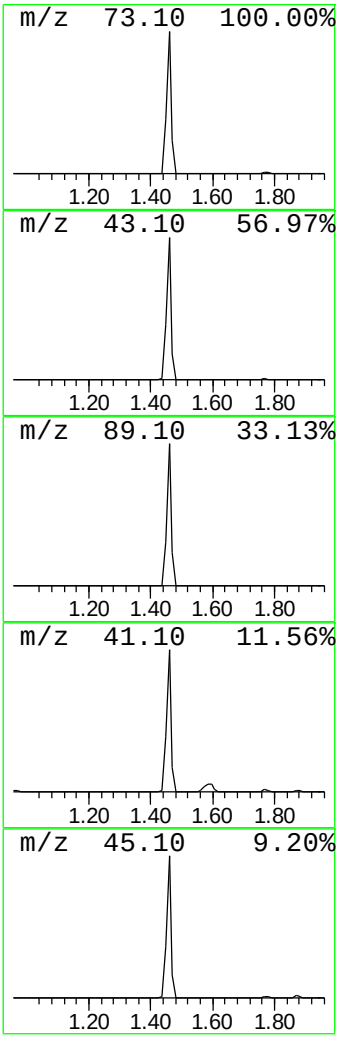
****

Peak Number 2 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.46	238.95 ng	6325580	1,4-Dichlorobenzene-d4	7.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022515\
Data File : BF077454.D
Acq On : 26 Feb 2015 2:54
Operator : IZ / TP
Sample : G1358-08
Misc : S/DOD
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-14-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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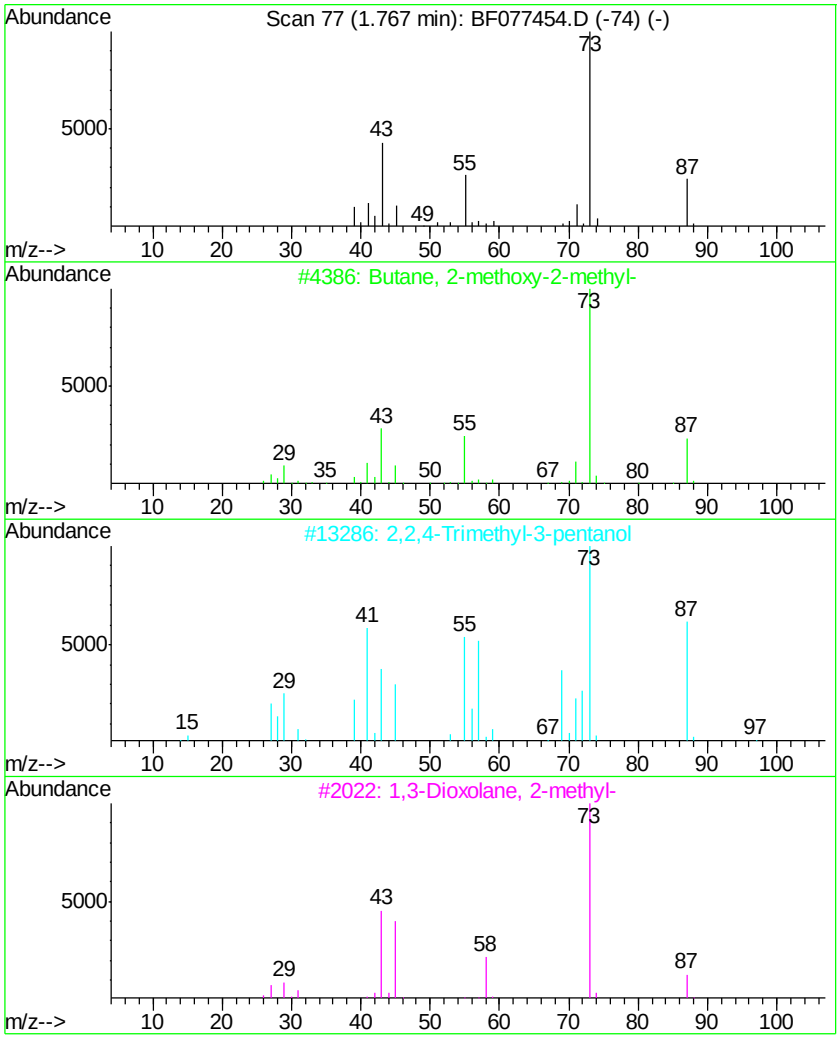
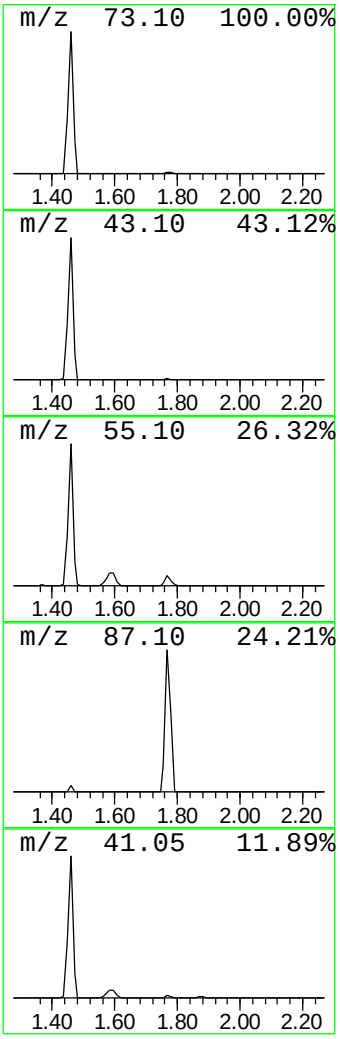
Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.77	3.39 ng	89694	1,4-Dichlorobenzene-d4	7.29

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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022515\
Data File : BF077454.D
Acq On : 26 Feb 2015 2:54
Operator : IZ / TP
Sample : G1358-08
Misc : S/DOD
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-14-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

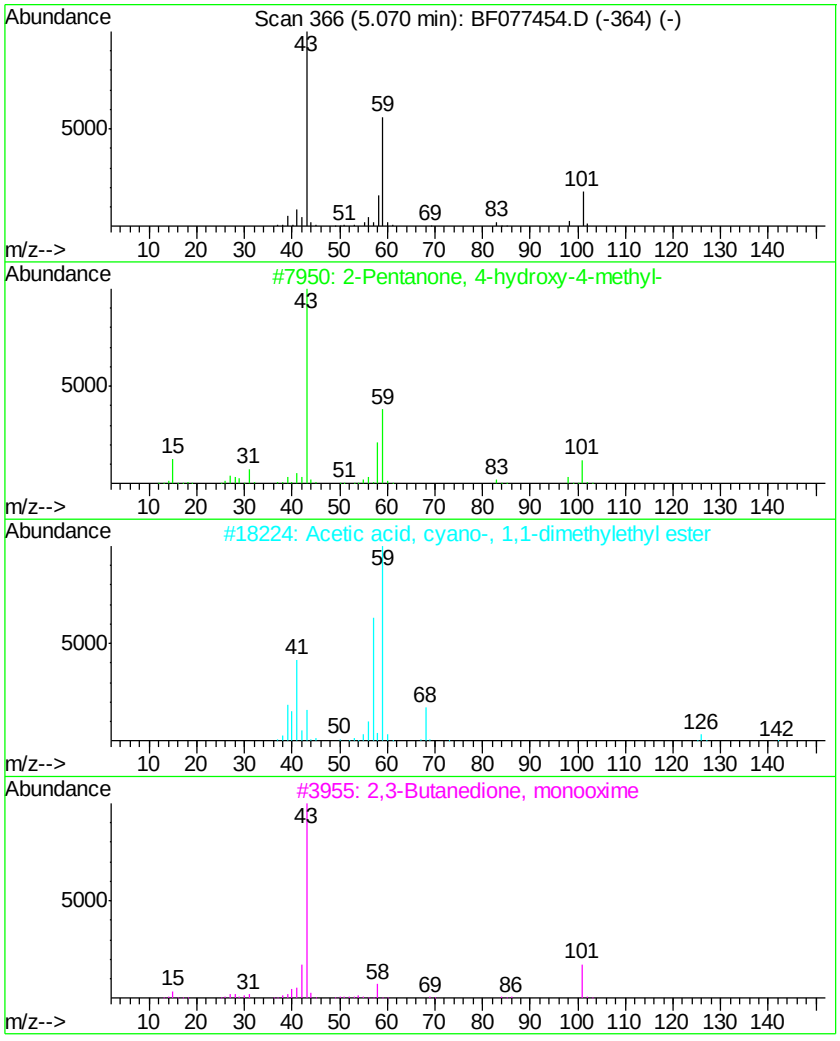
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

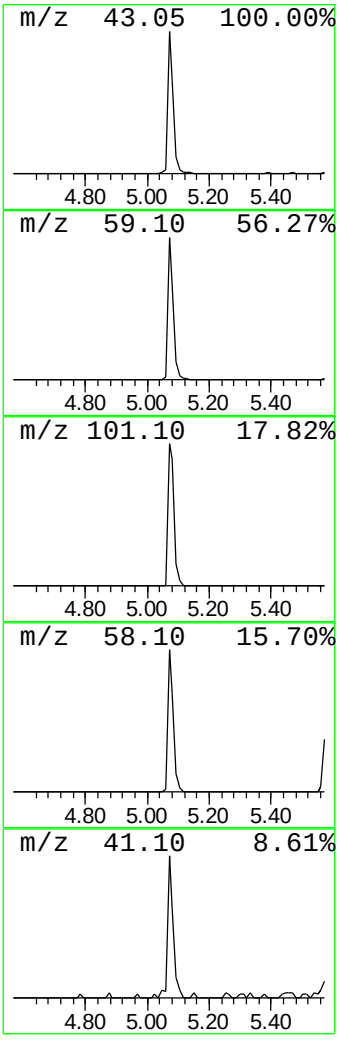
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	14.01 ng	370809	1,4-Dichlorobenzene-d4	7.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022515\
Data File : BF077454.D
Acq On : 26 Feb 2015 2:54
Operator : IZ / TP
Sample : G1358-08
Misc : S/DOD
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-14-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

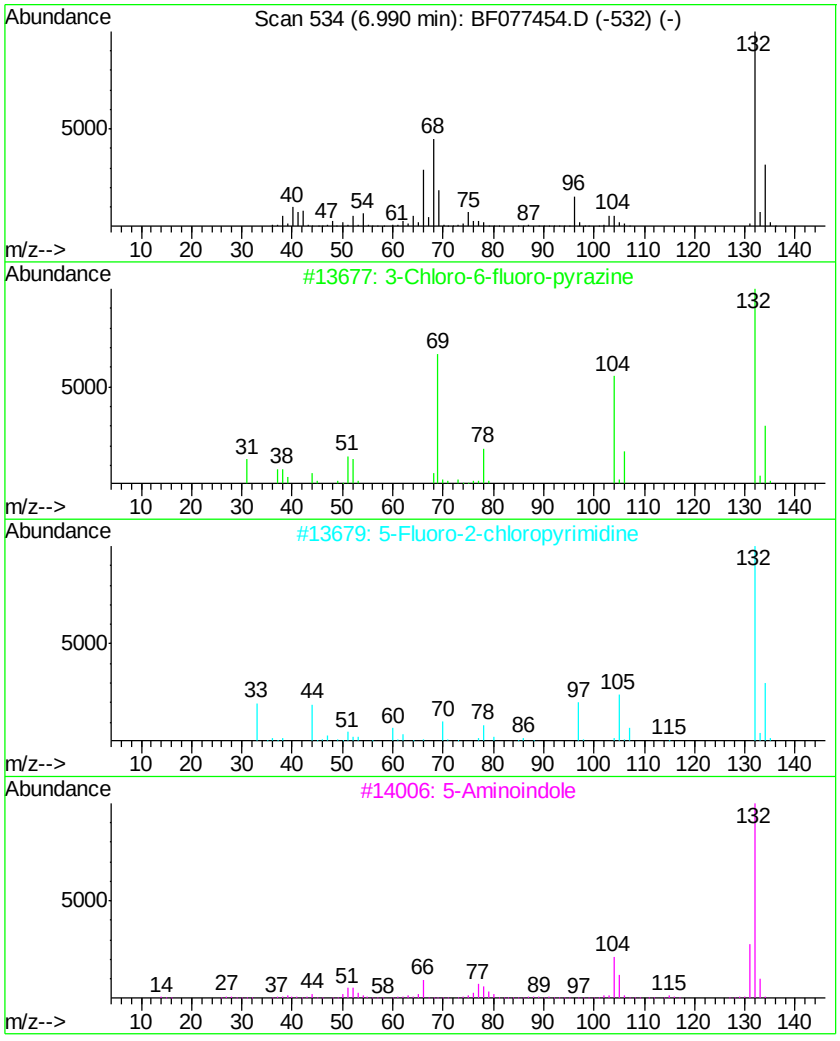
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

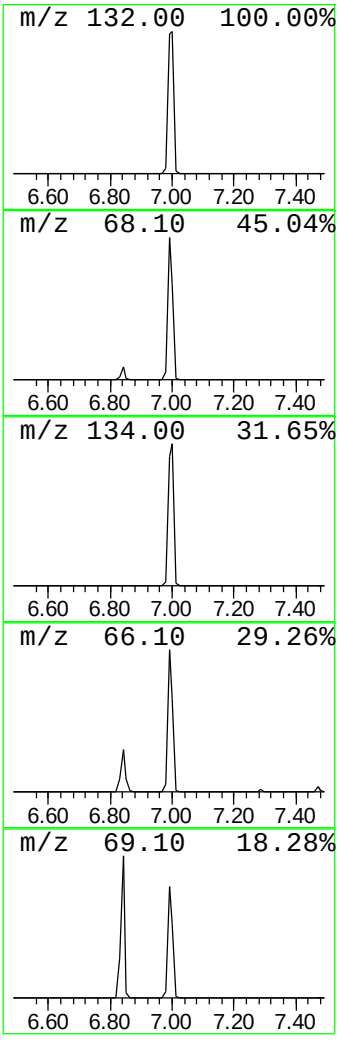
****

Peak Number 7 unknown6.99 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	57.63 ng	1525650	1,4-Dichlorobenzene-d4	7.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Operator : IZ / TP
Sample : G1358-08
Misc : S/DOD
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-14-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

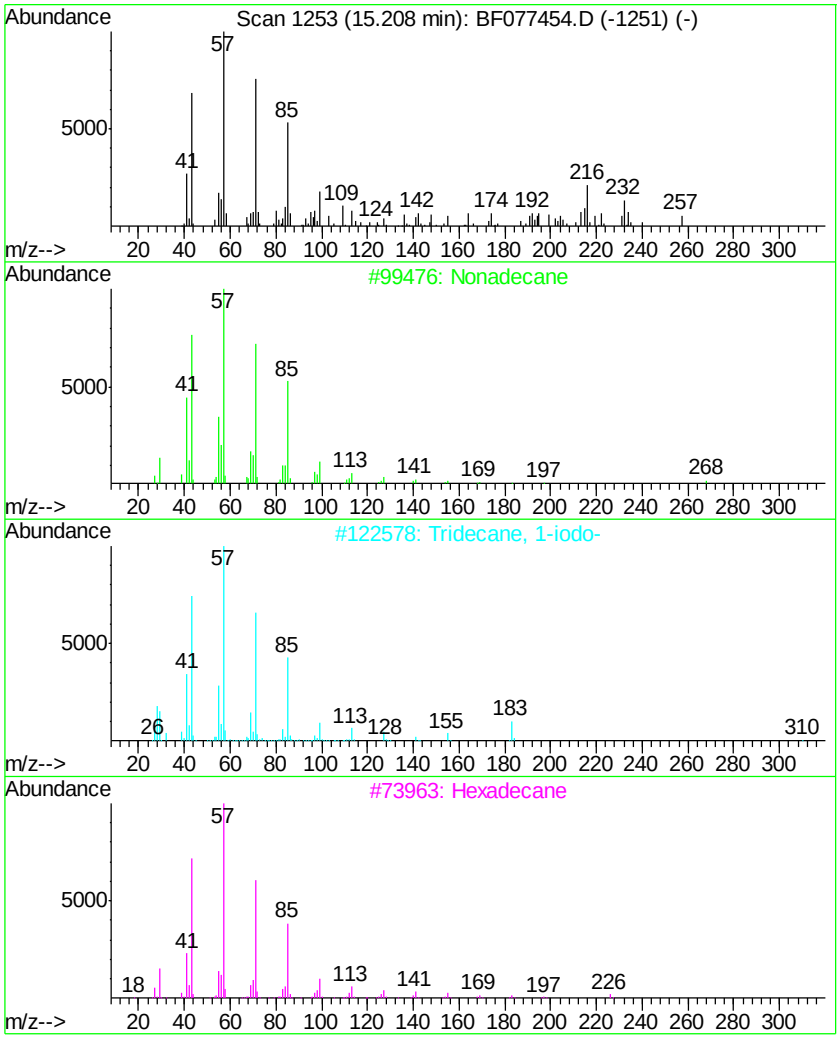
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

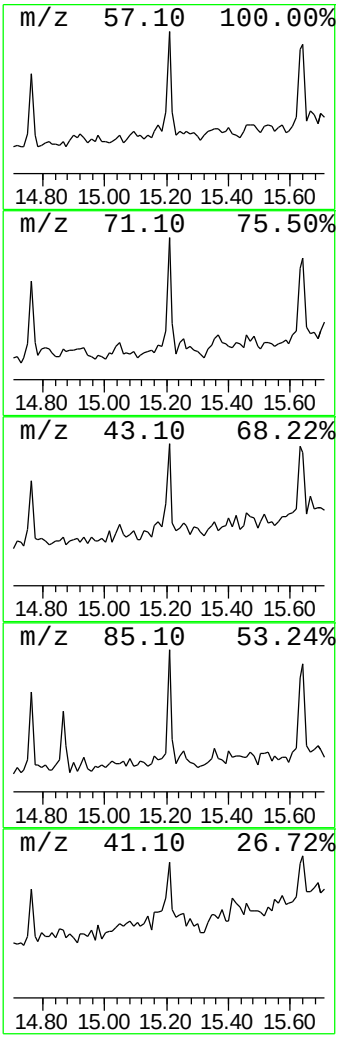
****

Peak Number 9 unknown15.21 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	2.01 ng	109360	Chrysene-d12	16.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	47
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	47
3	Hexadecane	226	C16H34	000544-76-3	47
4	Heptadecane	240	C17H36	000629-78-7	47
5	Triacontane	422	C30H62	000638-68-6	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022515\
Data File : BF077454.D
Acq On : 26 Feb 2015 2:54
Operator : IZ / TP
Sample : G1358-08
Misc : S/DOD
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-14-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

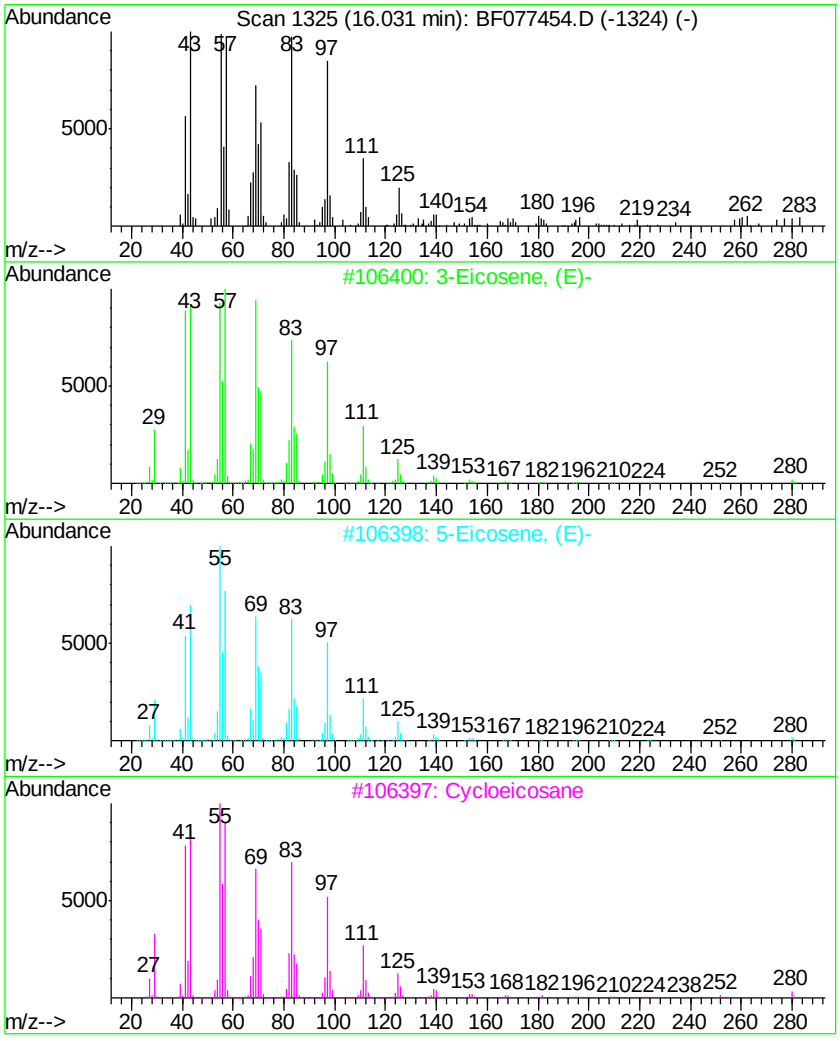
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

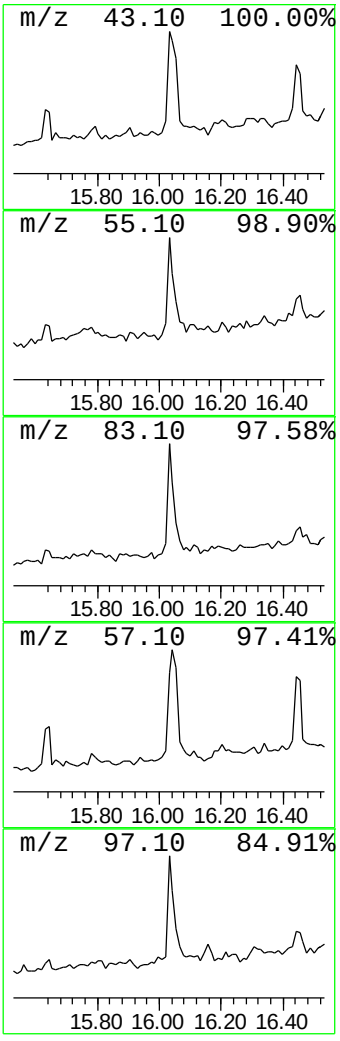
****

Peak Number 10 3-Eicosene, (E)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	3.24 ng	175998	Chrysene-d12	16.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	94
3	Cycloeicosane	280	C20H40	000296-56-0	93
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	83





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Instrument : BNA_F
ClientSampleId : TU012-SB-14-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

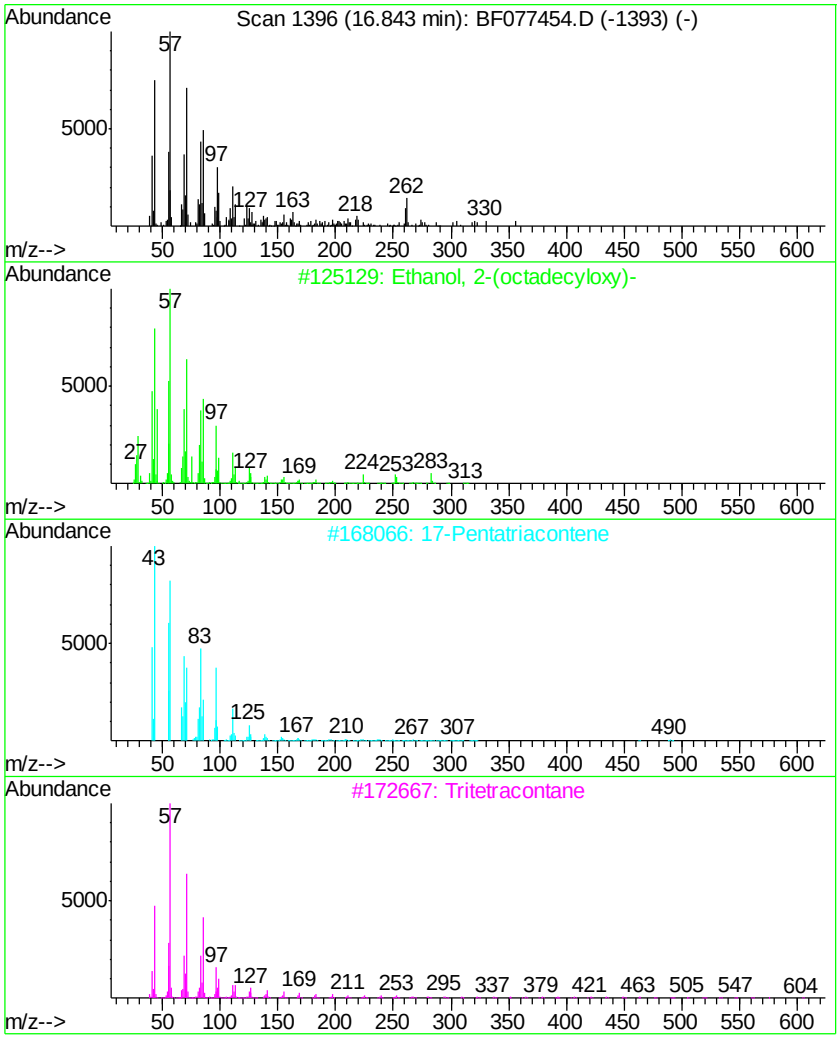
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

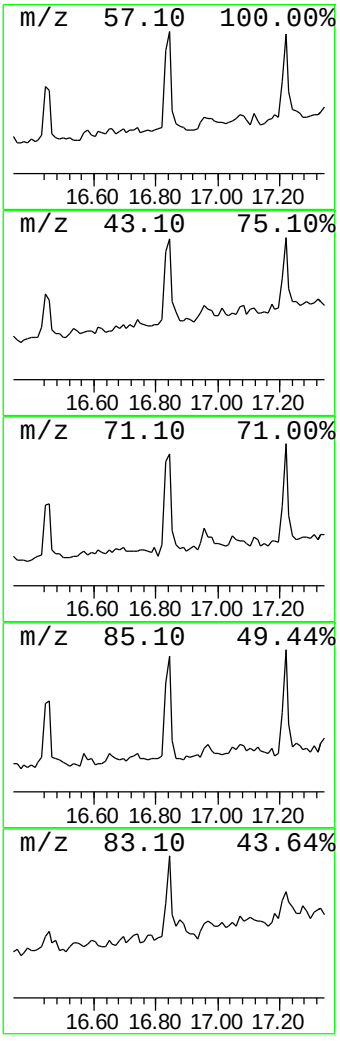
****

Peak Number 11 Ethanol, 2-(octadecyloxy)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	3.46 ng	188463	Chrysene-d12	16.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	74
2	17-Pentatriacontene	491	C35H70	006971-40-0	50
3	Tritetracontane	605	C43H88	007098-21-7	49
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	46
5	Tetratetracontane	619	C44H90	007098-22-8	46





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Data File : BF077454.D
Acq On : 26 Feb 2015 2:54
Operator : IZ / TP
Sample : G1358-08
Misc : S/DOD
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-14-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

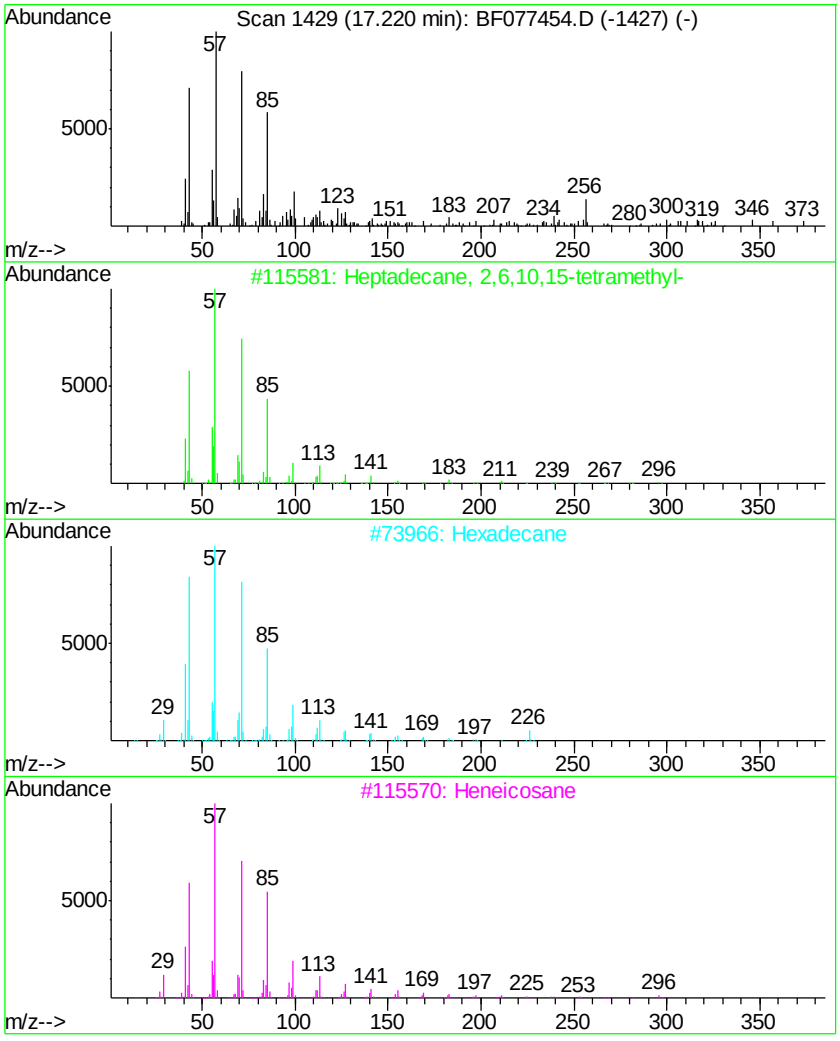
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

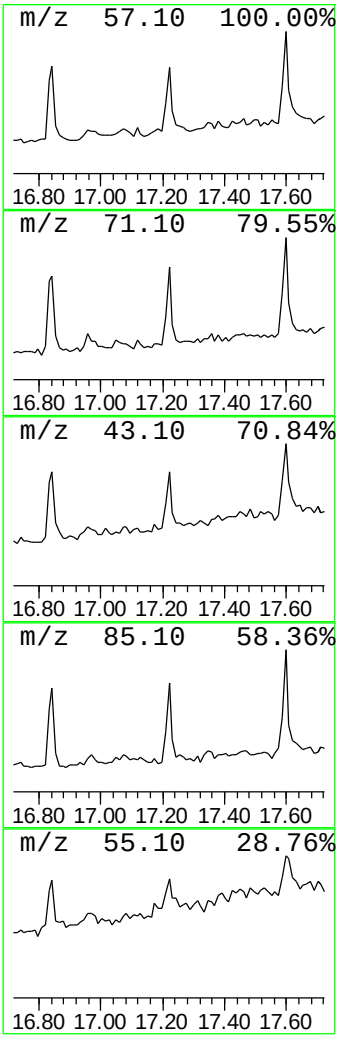
****

Peak Number 12 Heptadecane, 2,6,10,15-tetr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	2.74 ng	142162	Perylene-d12	17.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	89
2	Hexadecane	226	C16H34	000544-76-3	89
3	Heneicosane	296	C21H44	000629-94-7	83
4	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	83
5	Nonadecane	268	C19H40	000629-92-5	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022515\
Data File : BF077454.D
Acq On : 26 Feb 2015 2:54
Operator : IZ / TP
Sample : G1358-08
Misc : S/DOD
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-14-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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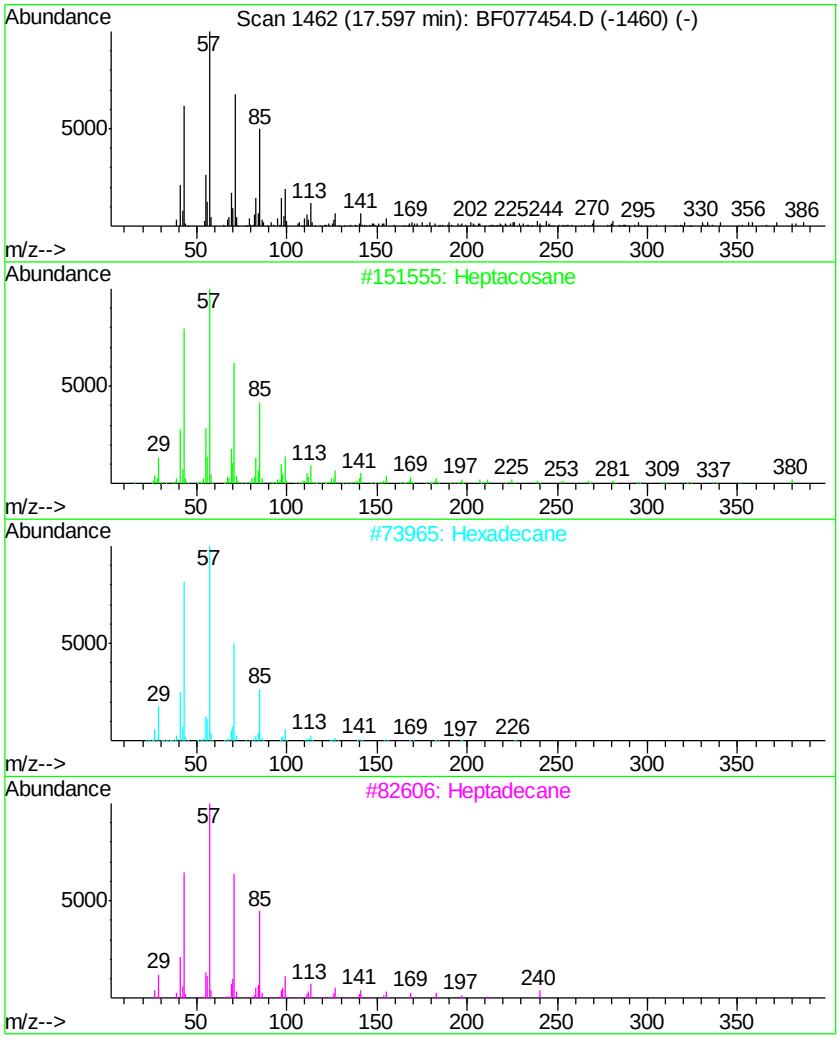
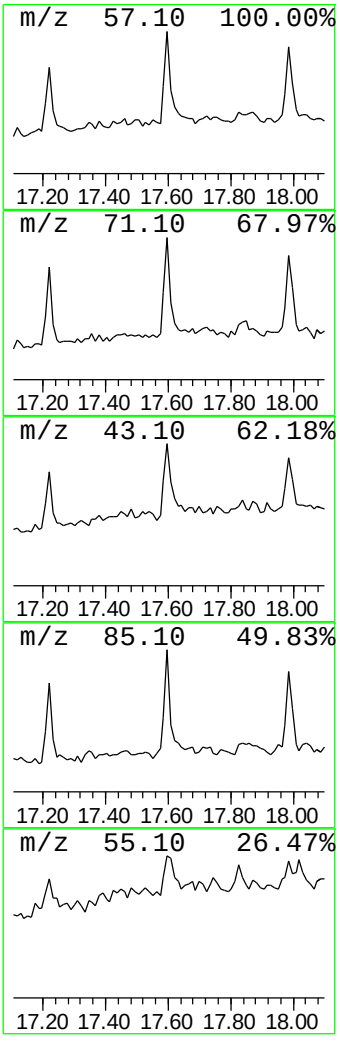
Peak Number 13 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.60	4.96 ng	257688	Perylene-d12	17.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	98
2	Hexadecane	226	C16H34	000544-76-3	94
3	Heptadecane	240	C17H36	000629-78-7	94
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Heneicosane	296	C21H44	000629-94-7	90





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Data File : BF077454.D
Acq On : 26 Feb 2015 2:54
Operator : IZ / TP
Sample : G1358-08
Misc : S/DOD
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-14-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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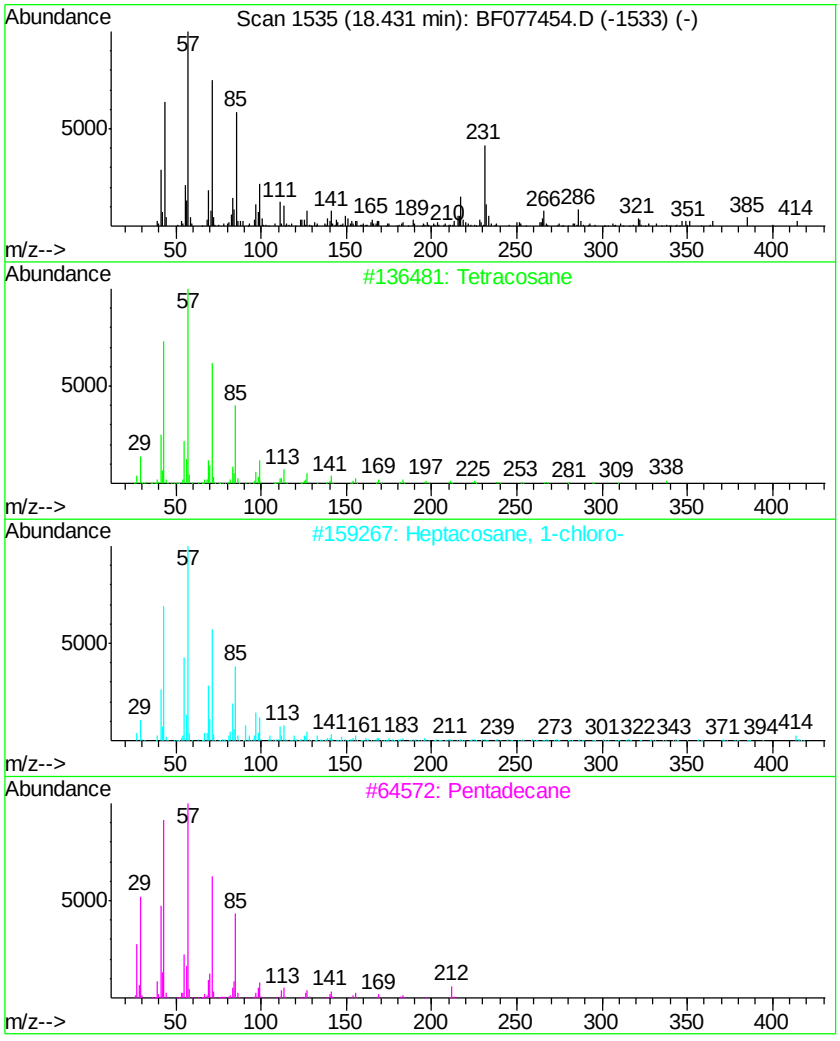
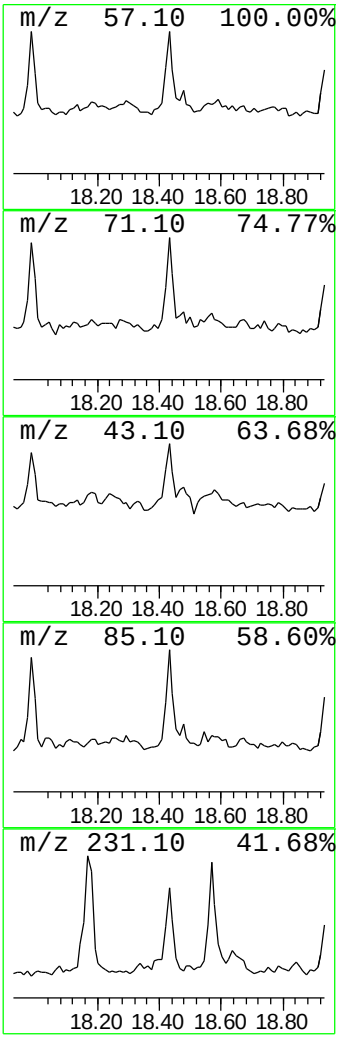
Peak Number 14 Tetracosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	2.41 ng	125158	Perylene-d12	17.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	83
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	64
3	Pentadecane	212	C15H32	000629-62-9	53
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	53
5	Heptadecane	240	C17H36	000629-78-7	52





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Data File : BF077454.D
Acq On : 26 Feb 2015 2:54
Operator : IZ / TP
Sample : G1358-08
Misc : S/DOD
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-14-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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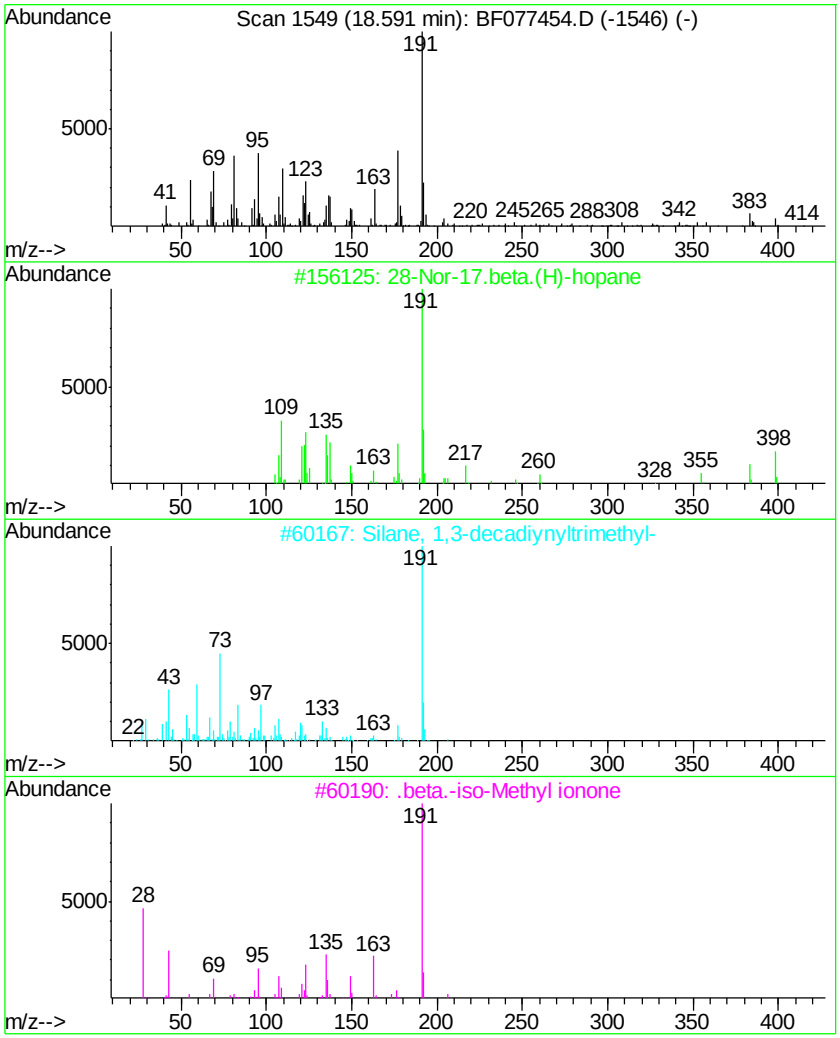
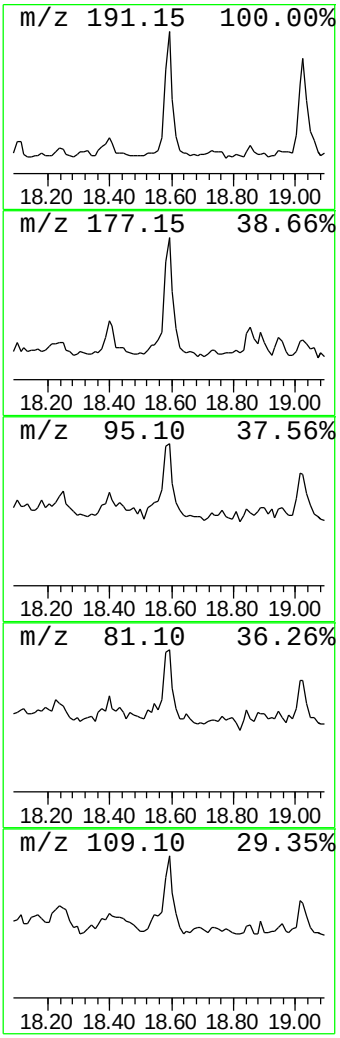
Peak Number 15 28-Nor-17.beta.(H)-hopane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	8.44 ng	438709	Perylene-d12	17.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	68
2	Silane, 1,3-decadiynyltrimethyl-	206	C13H22Si	084751-17-7	38
3	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	38
4	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	37
5	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	32





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022515\
Data File : BF077454.D
Acq On : 26 Feb 2015 2:54
Operator : IZ / TP
Sample : G1358-08
Misc : S/DOD
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-14-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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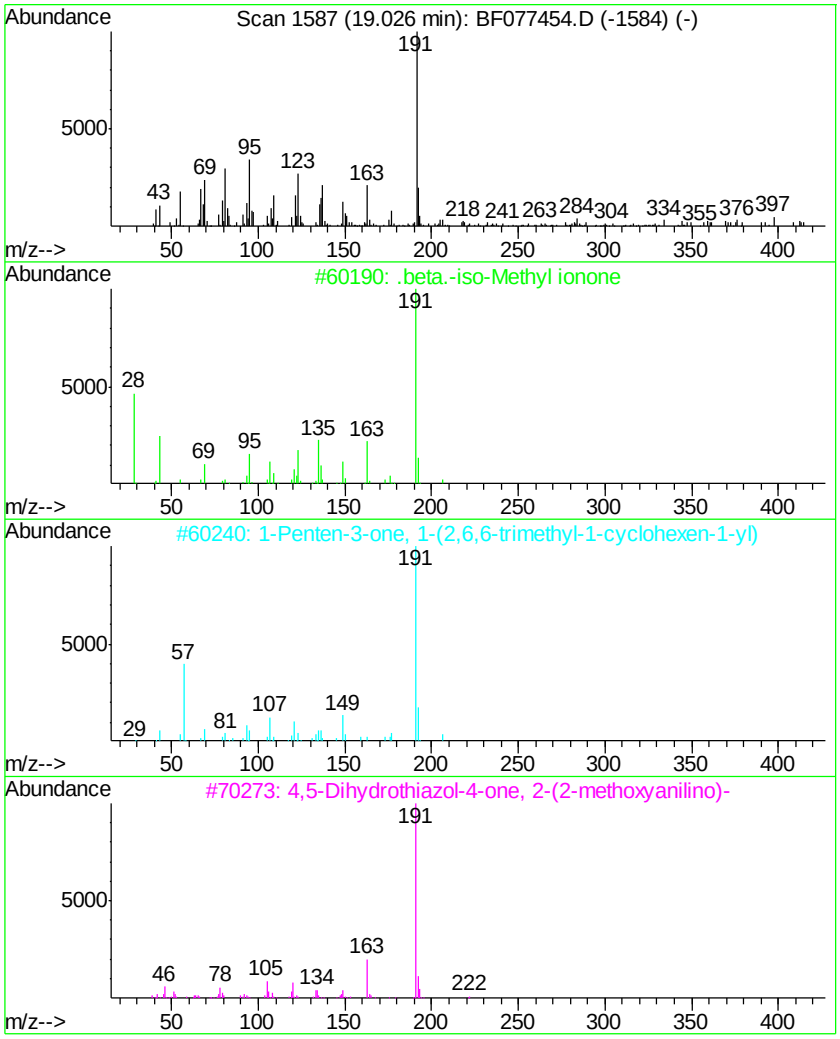
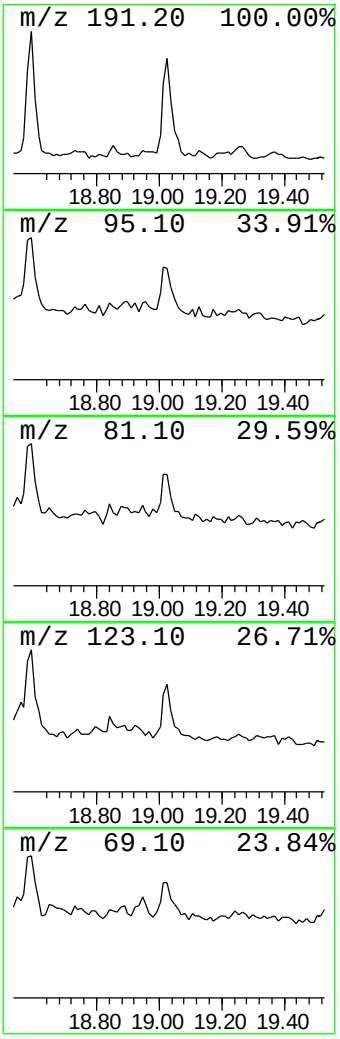
Peak Number 16 .beta.-iso-Methyl ionone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	4.99 ng	259303	Perylene-d12	17.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	64
2	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	46
3	4,5-Dihydrothiazol-4-one, 2-(2-m...	222	C10H10N2O2S	022476-61-5	46
4	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	42
5	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022515\
Data File : BF077454.D
Acq On : 26 Feb 2015 2:54
Operator : IZ / TP
Sample : G1358-08
Misc : S/DOD
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-14-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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
Ethane, 1,1-dimet...	0.94	2.8	ng	75290	1	7.29	529456	20.0
Propane, 2,2-dime...	1.46	238.9	ng	6325580	1	7.29	529456	20.0
Butane, 2-methoxy...	1.77	3.4	ng	89694	1	7.29	529456	20.0
2-Pentanone, 4-hy...	5.07	14.0	ng	370809	1	7.29	529456	20.0
unknown6.99	6.99	57.6	ng	1525650	1	7.29	529456	20.0
unknown15.21	15.21	2.0	ng	109360	5	16.16	1087930	20.0
3-Eicosene, (E)-	16.03	3.2	ng	175998	5	16.16	1087930	20.0
Ethanol, 2-(octad...	16.84	3.5	ng	188463	5	16.16	1087930	20.0
Heptadecane, 2,6,...	17.22	2.7	ng	142162	6	17.86	1039470	20.0
Heptacosane	17.60	5.0	ng	257688	6	17.86	1039470	20.0
Tetracosane	18.43	2.4	ng	125158	6	17.86	1039470	20.0
28-Nor-17.beta.(H...	18.59	8.4	ng	438709	6	17.86	1039470	20.0
.beta.-iso-Methyl...	19.03	5.0	ng	259303	6	17.86	1039470	20.0