LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
Data File : BF077941.D
Acq On : 25 Mar 2015 7:26
Operator : TP/IZ
Sample : G1615-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18-2

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-BF031115.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	1.047	11	14	17	rVB	395560	639103	19.12%	3.936%
2	1.264	31	33	36	rBV	2531142	3343206	100.00%	20.591%
3	1.390	41	44	47	rVB	377547	569476	17.03%	3.507%
4	1.550	56	58	65	rVB	55250	79822	2.39%	0.492%
5	1.653	65	67	75	rVV	57386	94324	2.82%	0.581%
6	1.767	75	77	95	rVB	373002	635813	19.02%	3.916%
7	4.864	346	348	354	rVB	86967	109813	3.28%	0.676%
8	5.401	393	395	398	rBV	720948	864194	25.85%	5.323%
9	6.693	506	508	511	rBV	744326	908911	27.19%	5.598%
10	6.830	518	520	523	rBV	1042725	977902	29.25%	6.023%
11	7.116	543	545	548	rBV	271999	250121	7.48%	1.541%
12	7.299	559	561	564	rBV	691420	758083	22.68%	4.669%
13	7.813	604	606	608	rBV	662391	579994	17.35%	3.572%
14	8.693	681	683	686	rVB	401864	350689	10.49%	2.160%
15	10.042	799	801	804	rBV	1421863	1251683	37.44%	7.709%
16	10.556	843	846	848	rBV	158872	215057	6.43%	1.325%
17	10.865	871	873	876	rVB	456127	415683	12.43%	2.560%
18	11.848	956	959	961	rBV	589803	705286	21.10%	4.344%
19	12.602	1022	1025	1027	rBV	57082	57188	1.71%	0.352%
20	12.705	1031	1034	1036	rVB	375434	436831	13.07%	2.690%
21	14.694	1205	1208	1211	rBV	1424830	1490071	44.57%	9.177%
22	15.905	1311	1314	1319	rBV	39231	85006	2.54%	0.524%
23	15.997	1319	1322	1325	rVV	463487	517312	15.47%	3.186%
24	16.683	1379	1382	1384	rBV	36034	53751	1.61%	0.331%
25	17.231	1427	1430	1432	rBV	26835	49237	1.47%	0.303%
26	17.563	1457	1459	1462	rBV3	23394	41059	1.23%	0.253%
27	17.814	1479	1481	1486	rVB	373229	509152	15.23%	3.136%
28	18.923	1576	1578	1585	rVB	55571	108343	3.24%	0.667%
29	19.391	1616	1619	1622	rBV2	71881	139188	4.16%	0.857%

Sum of corrected areas: 16236298

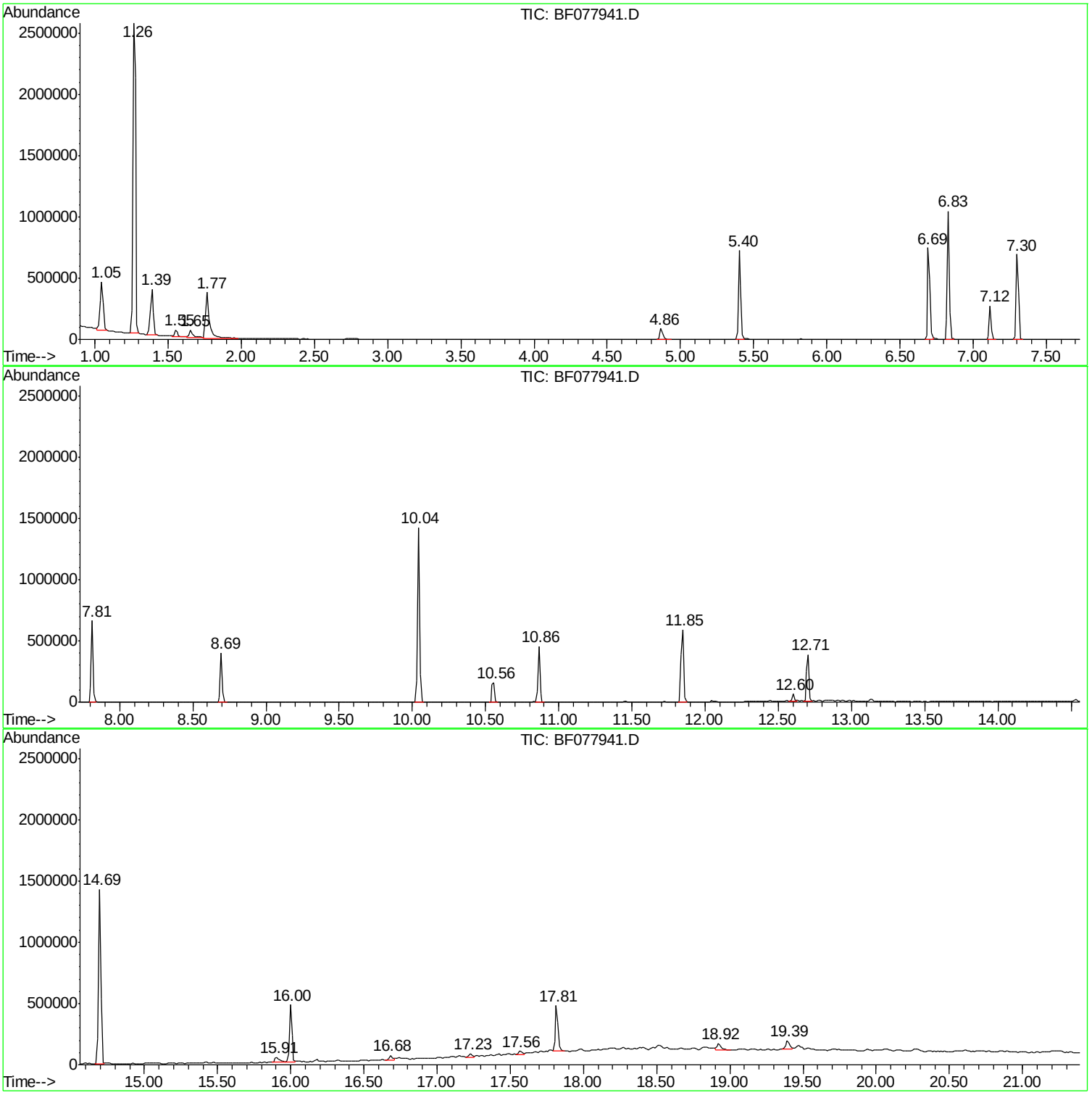
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
Data File : BF077941.D
Acq On : 25 Mar 2015 7:26
Operator : TP/IZ
Sample : G1615-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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Data File : BF077941.D
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Operator : TP/IZ
Sample : G1615-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

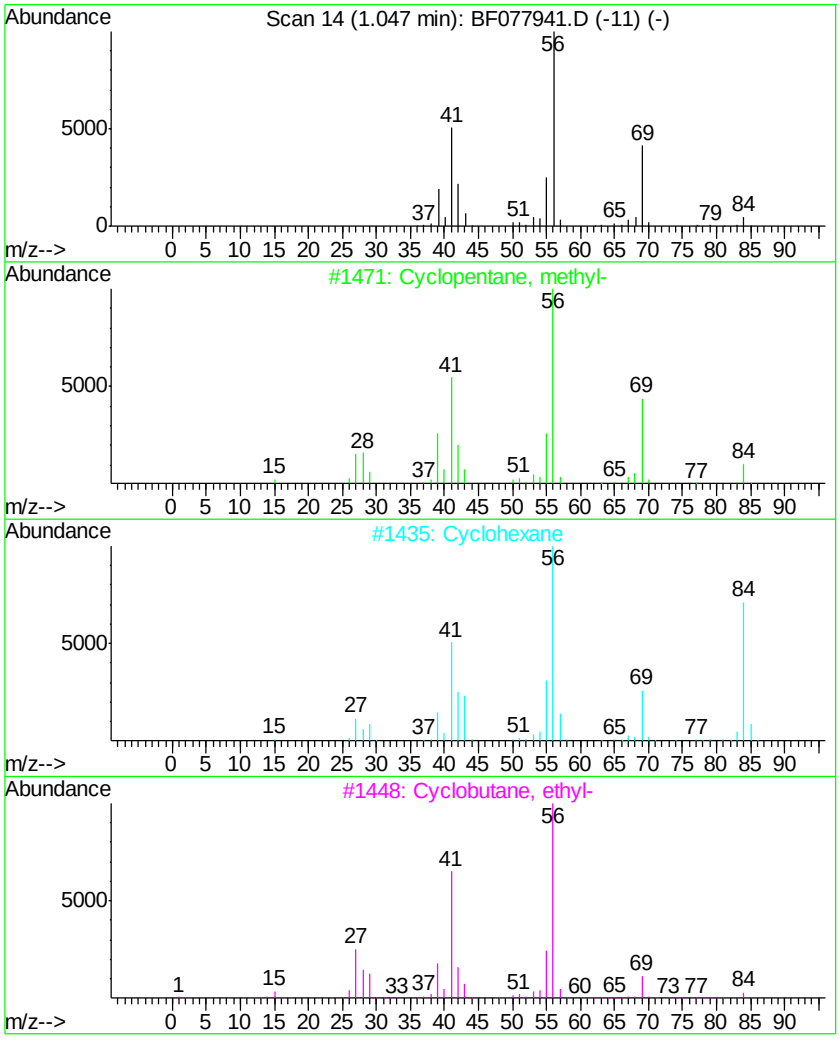
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

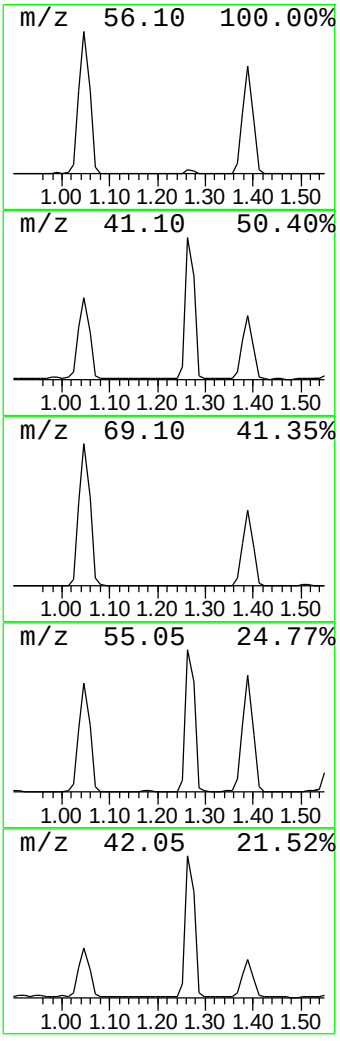
****

Peak Number 1 Cyclopentane, methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.05	51.10 ng	639103	1,4-Dichlorobenzene-d4	7.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclohexane	84	C6H12	000110-82-7	83
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	56
4	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	56
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	46





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Data File : BF077941.D
Acq On : 25 Mar 2015 7:26
Operator : TP/IZ
Sample : G1615-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

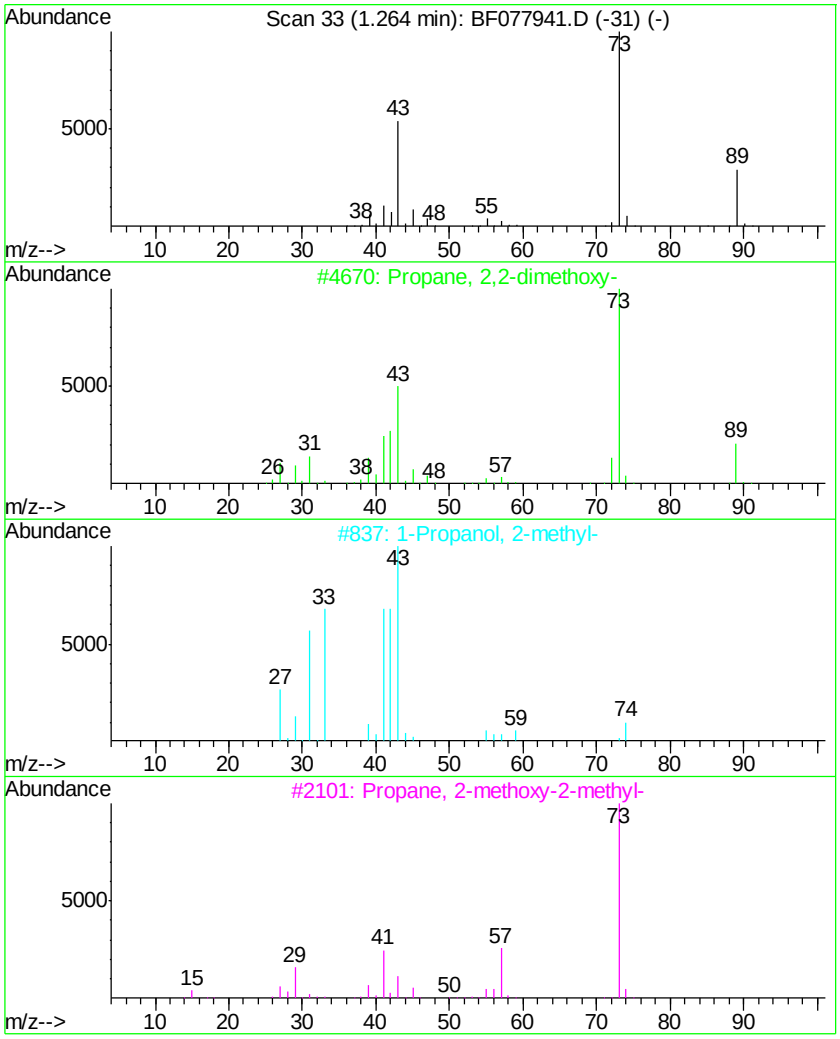
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

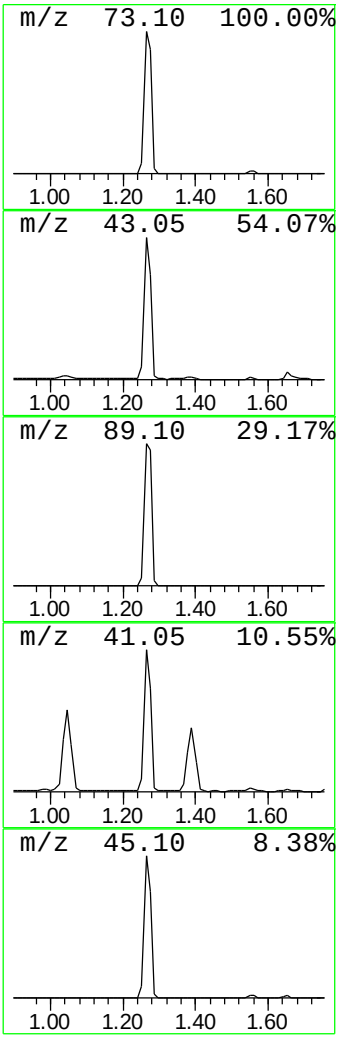
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.26	267.33 ng	3343210	1,4-Dichlorobenzene-d4	7.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





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Data File : BF077941.D
Acq On : 25 Mar 2015 7:26
Operator : TP/IZ
Sample : G1615-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

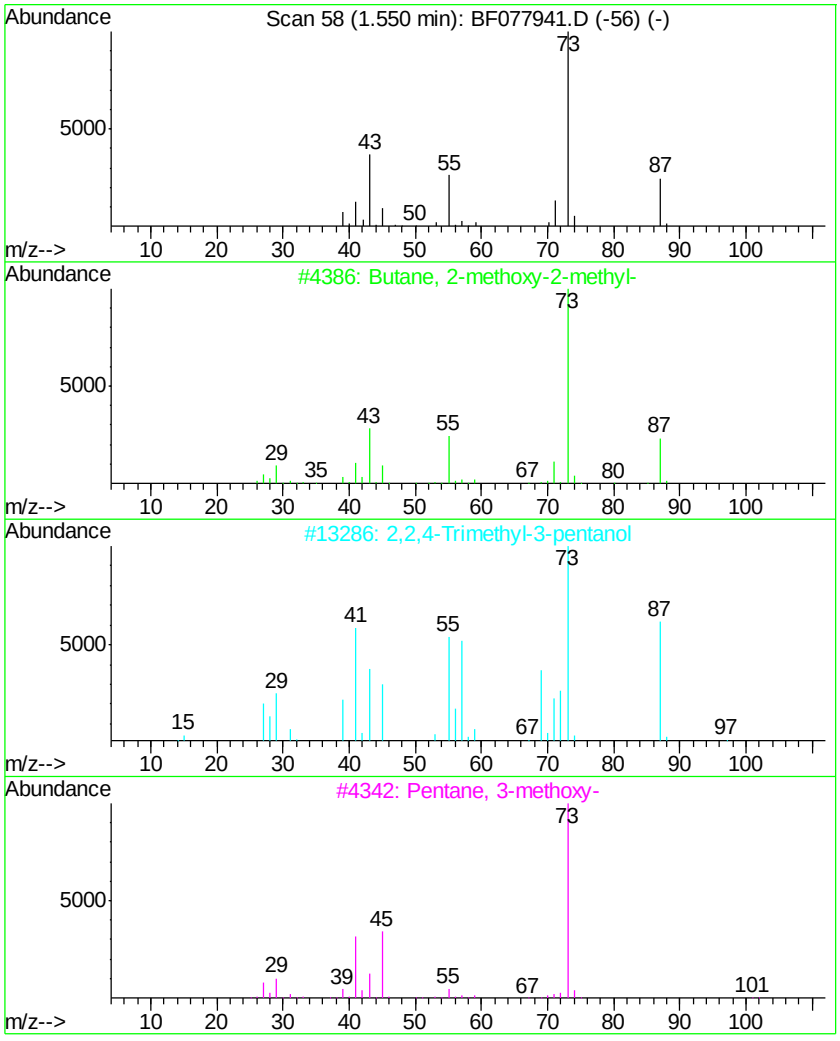
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

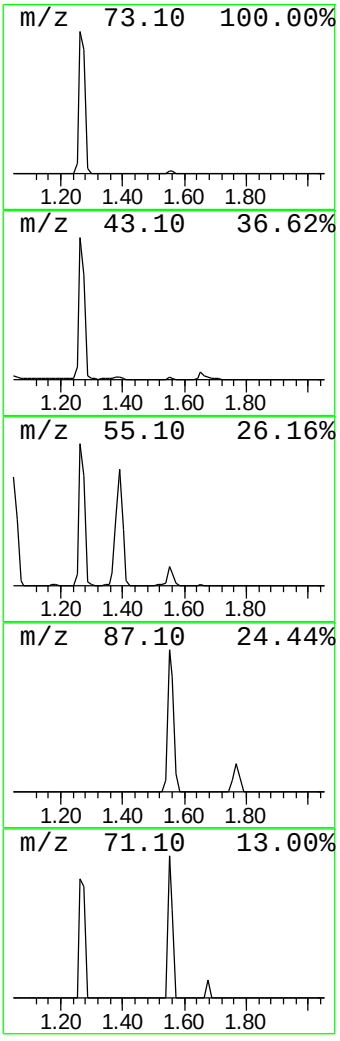
****

Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.55	6.38 ng	79822	1,4-Dichlorobenzene-d4	7.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
Data File : BF077941.D
Acq On : 25 Mar 2015 7:26
Operator : TP/IZ
Sample : G1615-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

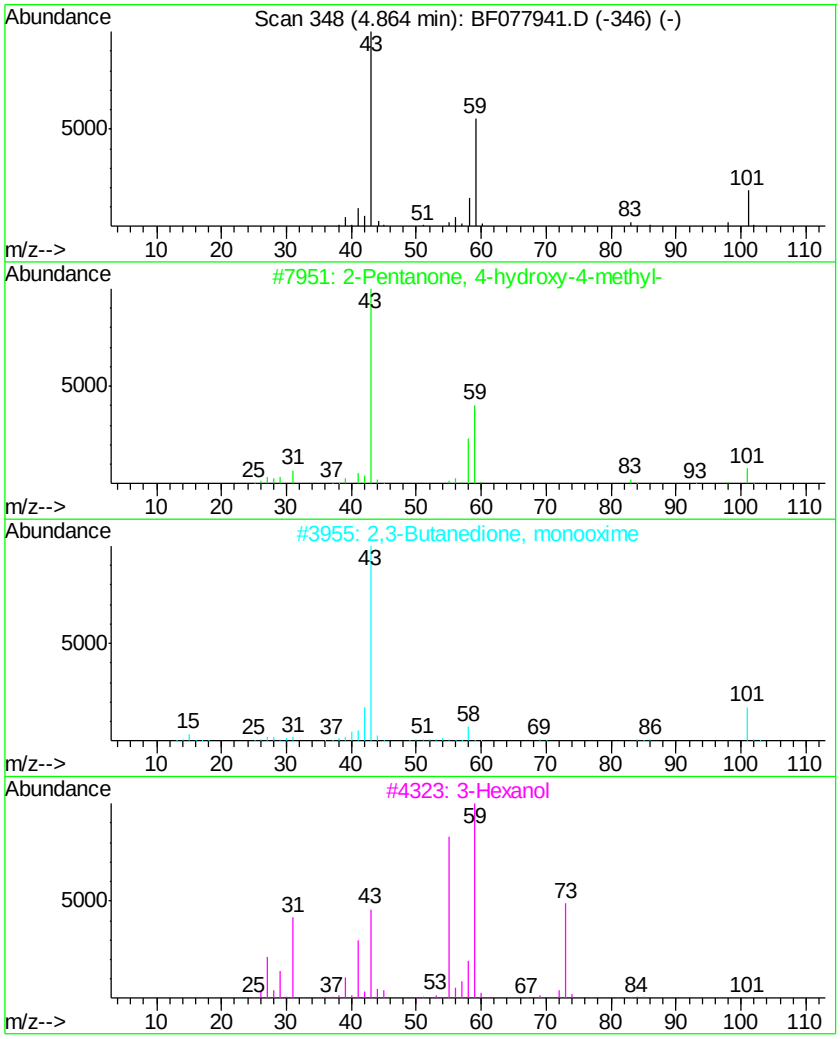
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

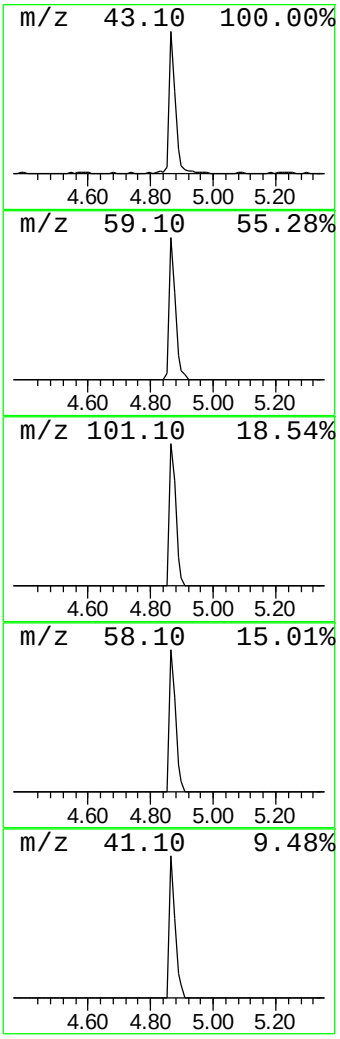
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	8.78 ng	109813	1,4-Dichlorobenzene-d4	7.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	30
3	3-Hexanol	102	C6H14O	000623-37-0	9
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9
5	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
Data File : BF077941.D
Acq On : 25 Mar 2015 7:26
Operator : TP/IZ
Sample : G1615-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

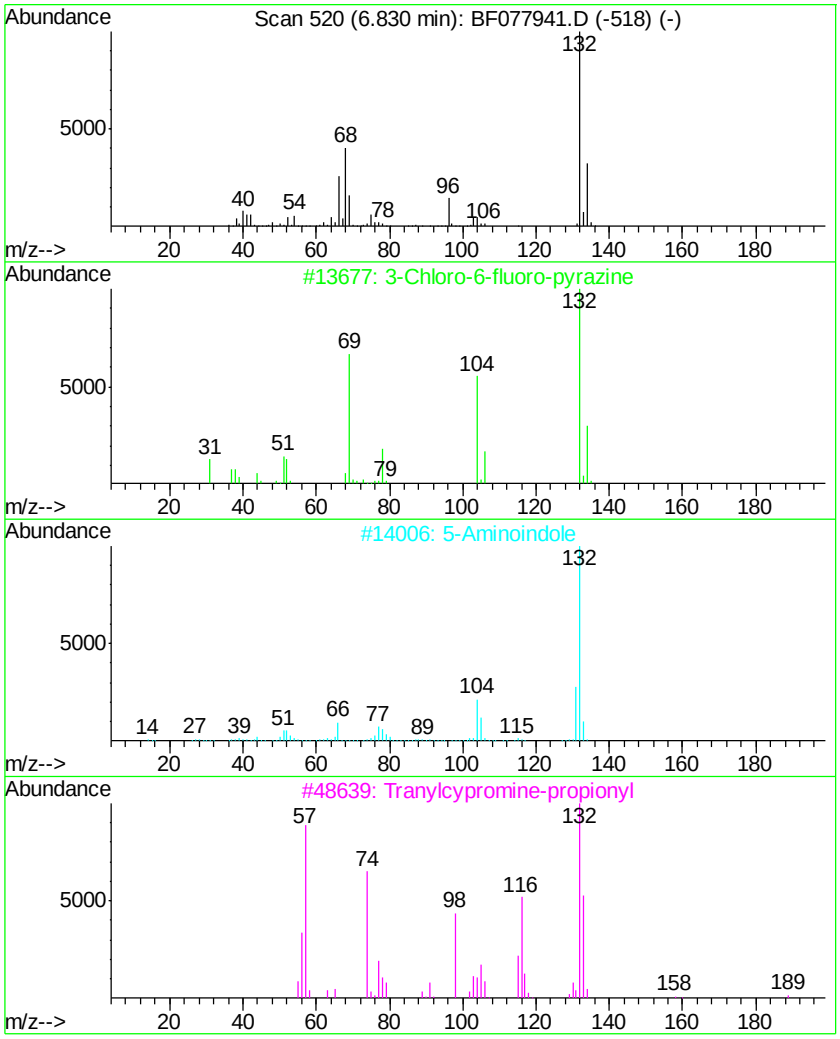
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

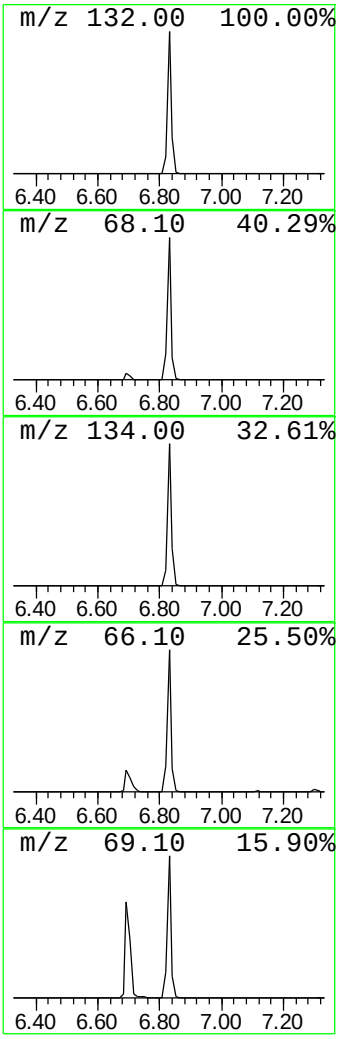
****

Peak Number 8 unknown6.83 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	78.19 ng	977902	1,4-Dichlorobenzene-d4	7.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
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
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

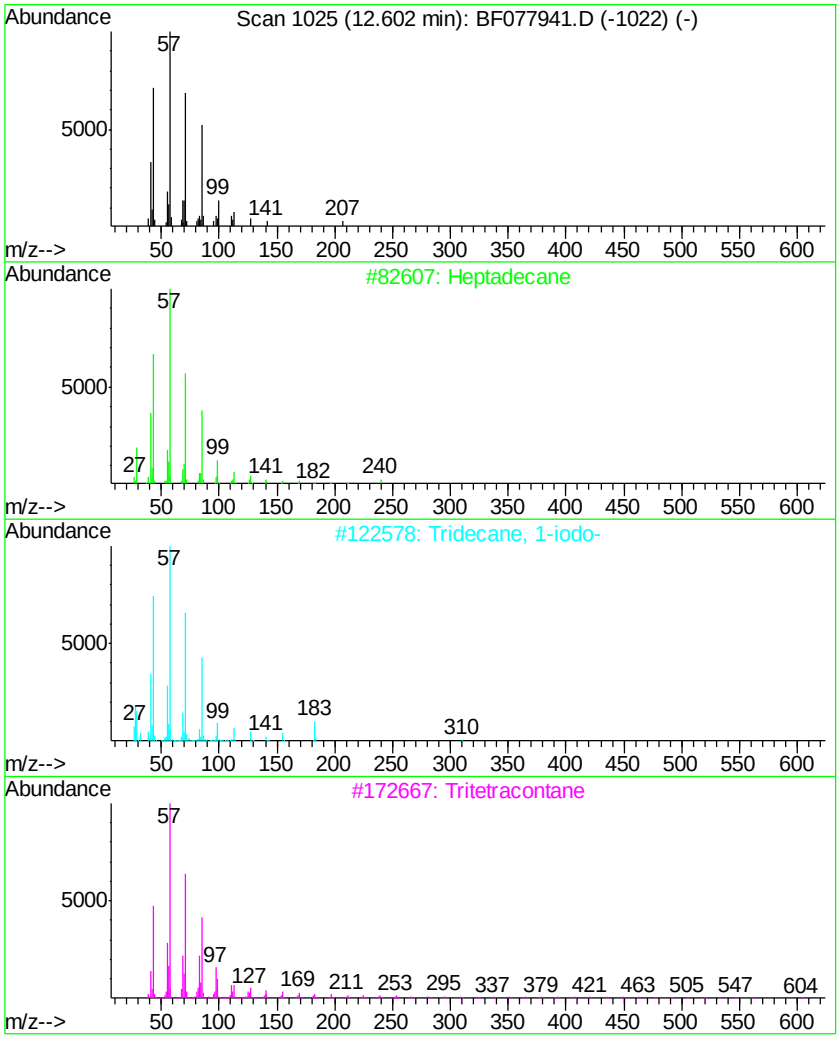
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

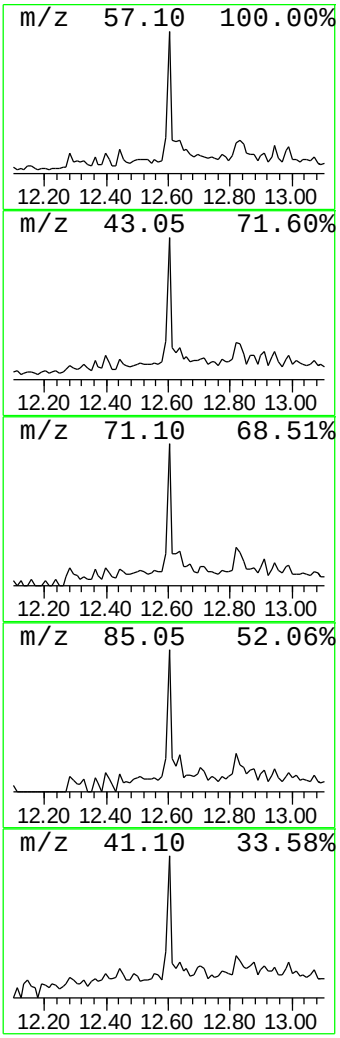
****

Peak Number 10 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	2.62 ng	57188	Phenanthrene-d10	12.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3	Tritetracontane	605	C43H88	007098-21-7	83
4	Tetradecane	198	C14H30	000629-59-4	78
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	78





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

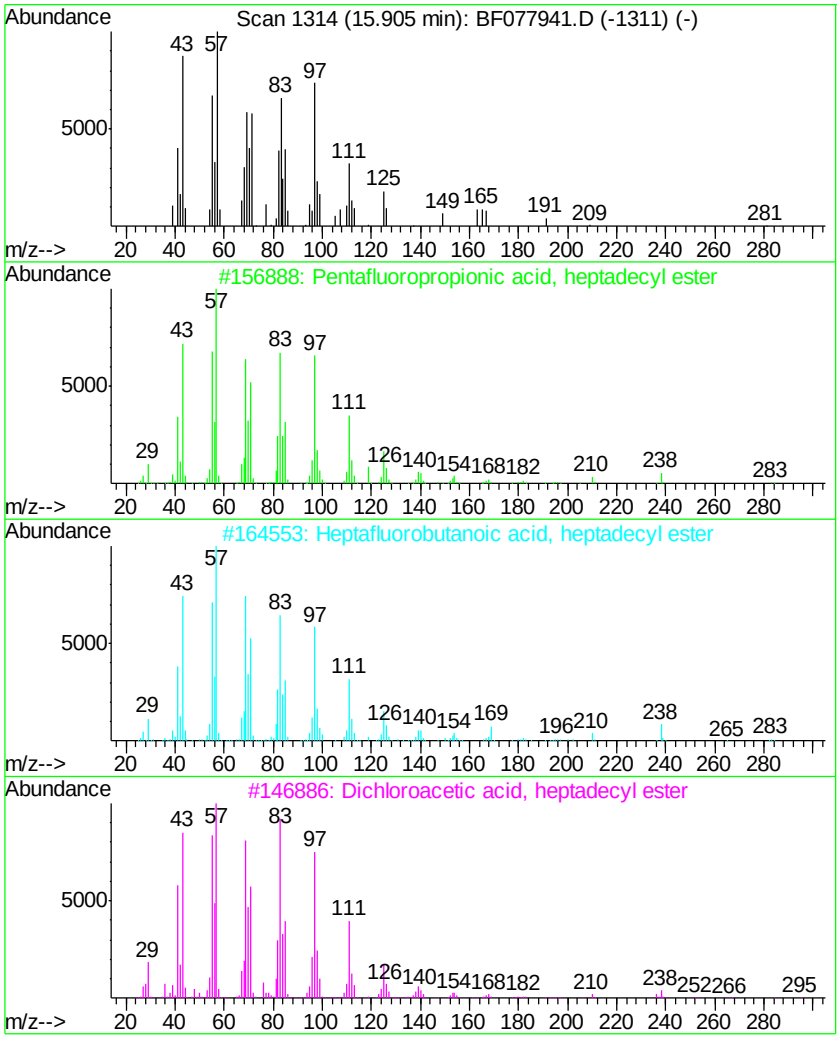
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

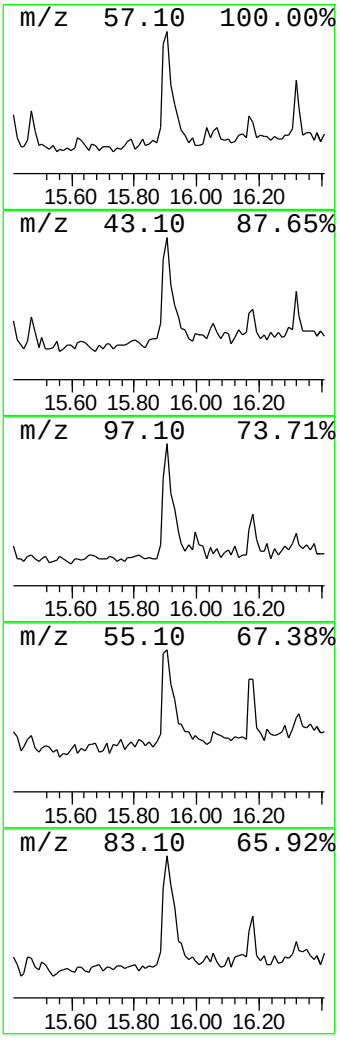
****

Peak Number 11 Pentafluoropropionic acid, ... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	3.29 ng	85006	Chrysene-d12	16.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	90
5	1-Nonadecanol	284	C19H40O	001454-84-8	87





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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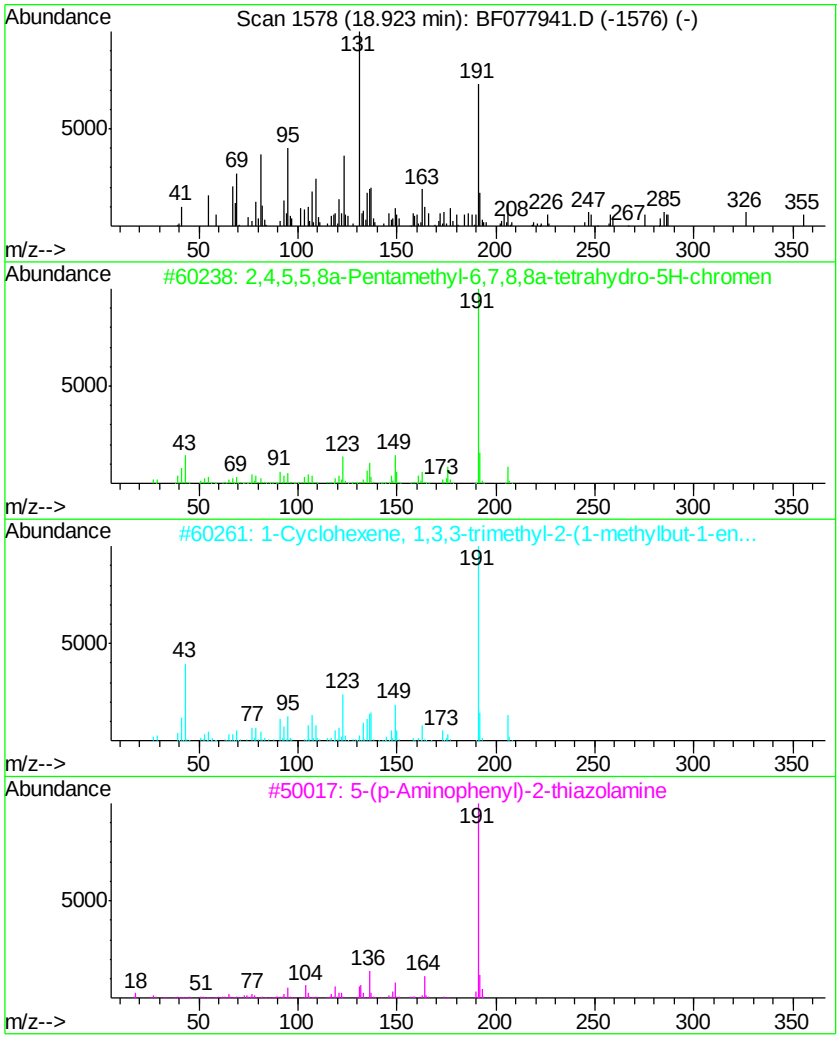
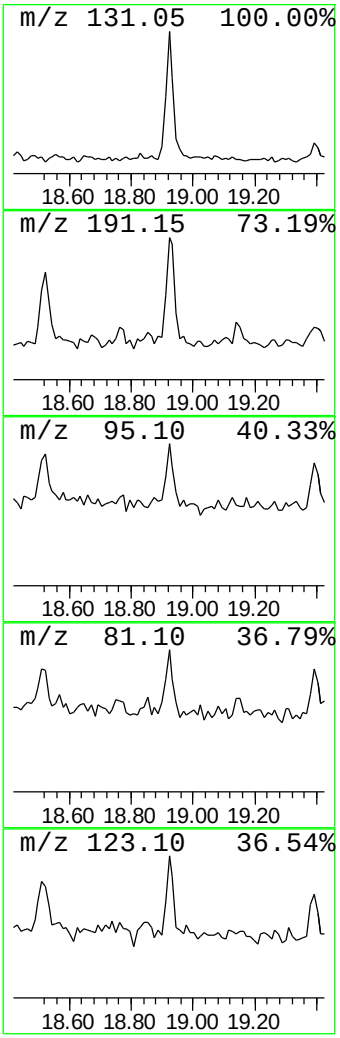
Peak Number 13 unknown18.92 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	4.26 ng	108343	Perylene-d12	17.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	38
2	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	35
3	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	25
4	Pyrido[3,4-d]pyridazin-1(2H)-one...	191	C8H9N5O	1000263-69-7	25
5	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	22





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Instrument : BNA_F
ClientSampleId : SB-18-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

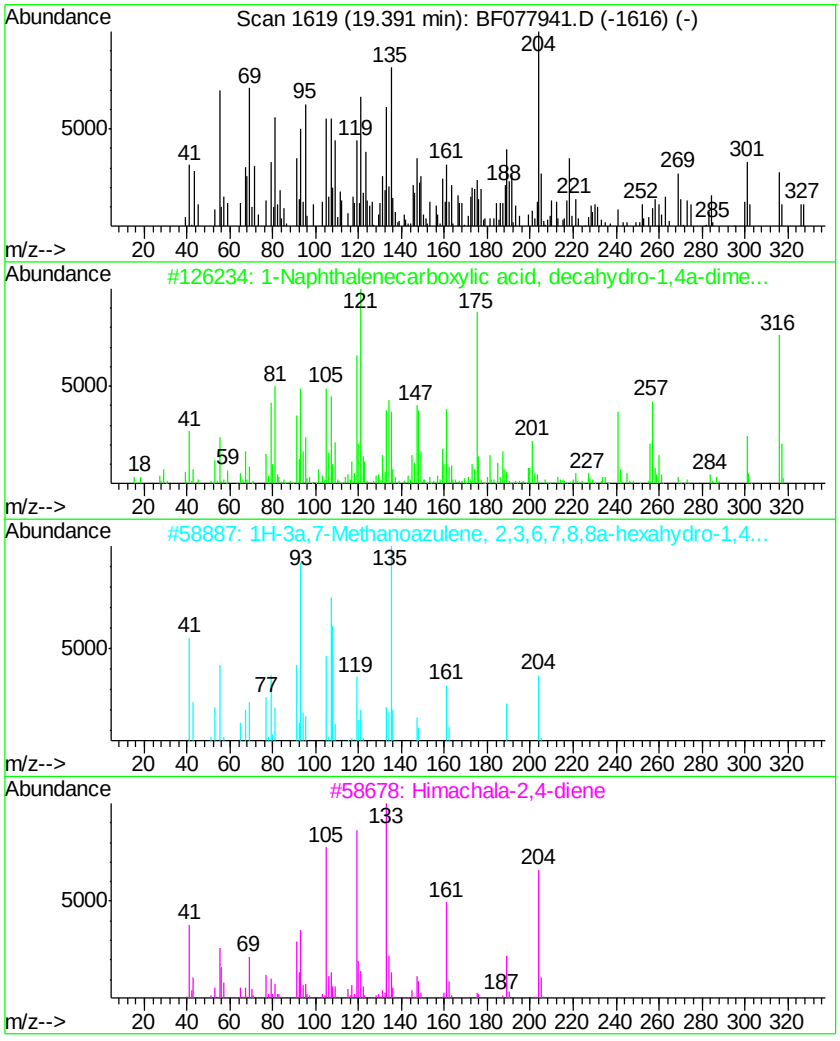
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

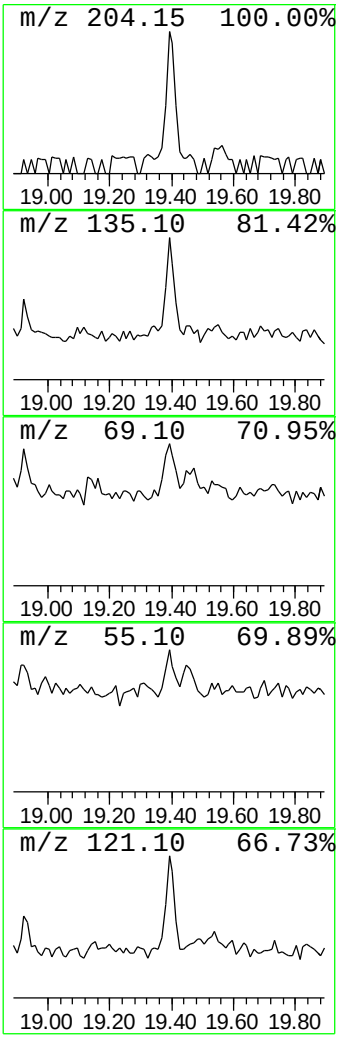
****

Peak Number 14 1-Naphthalenecarboxylic aci... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	5.47 ng	139188	Perylene-d12	17.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, de...	316	C21H32O2	015798-13-7	55
2	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	55
3	Himachala-2,4-diene	204	C15H24	060909-27-5	46
4	(-)-Tricyclo[6.2.1.0(4,11)]undec...	204	C15H24	1000154-06-7	45
5	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
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Operator : TP/IZ
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Misc :
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Instrument : BNA_F
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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
Cyclopentane, met...	1.05	51.1	ng	639103	1	7.12	250121	20.0
Propane, 2,2-dime...	1.26	267.3	ng	3343210	1	7.12	250121	20.0
Butane, 2-methoxy...	1.55	6.4	ng	79822	1	7.12	250121	20.0
2-Pentanone, 4-hy...	4.86	8.8	ng	109813	1	7.12	250121	20.0
unknown6.83	6.83	78.2	ng	977902	1	7.12	250121	20.0
Heptadecane	12.60	2.6	ng	57188	4	12.71	436831	20.0
Pentafluoropropio...	15.91	3.3	ng	85006	5	16.00	517312	20.0
unknown18.92	18.92	4.3	ng	108343	6	17.81	509152	20.0
1-Naphthalenecarb...	19.39	5.5	ng	139188	6	17.81	509152	20.0