LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081315\
Data File : BF080992.D
Acq On : 13 Aug 2015 21:12
Operator : UM/IZ
Sample : G3252-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-017-B

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-BF080715.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	4.224	185	187	191	rBB	42992	52030	2.78%	0.381%
2	4.921	244	248	258	rBV	715641	1097176	58.62%	8.025%
3	5.344	282	285	288	rBV	1270589	1391744	74.36%	10.180%
4	5.756	319	321	323	rBV	39579	39597	2.12%	0.290%
5	6.396	374	377	379	rBV	1626810	1871579	100.00%	13.689%
6	6.522	385	388	390	rBV	1745821	1750837	93.55%	12.806%
7	6.750	406	408	410	rBV	390240	310556	16.59%	2.272%
8	6.910	419	422	424	rVB	1254822	1194013	63.80%	8.733%
9	7.322	455	458	460	rBV	1058139	1193105	63.75%	8.727%
10	8.030	518	520	523	rBB	342037	360075	19.24%	2.634%
11	9.116	612	615	617	rBV	1704328	1620285	86.57%	11.851%
12	9.505	647	649	652	rBV	242727	207048	11.06%	1.514%
13	9.779	671	673	676	rBV2	325406	370663	19.80%	2.711%
14	10.225	711	712	714	rVB	35504	26295	1.40%	0.192%
15	10.568	739	742	745	rVB	945381	905290	48.37%	6.622%
16	10.693	752	753	758	rVB	37867	46813	2.50%	0.342%
17	11.139	790	792	794	rBV	27844	28504	1.52%	0.208%
18	11.265	800	803	804	rBV	302796	354593	18.95%	2.594%
19	12.465	906	908	910	rBV	46577	36574	1.95%	0.268%
20	12.694	924	928	930	rVB	18944	21129	1.13%	0.155%
21	12.842	939	941	944	rVB	392704	478959	25.59%	3.503%
22	13.322	981	983	985	rBV	38721	30631	1.64%	0.224%
23	13.757	1019	1021	1027	rBV	20320	30303	1.62%	0.222%
24	13.882	1030	1032	1036	rVB	113495	122295	6.53%	0.895%
25	14.888	1117	1120	1123	rBV	8713	21321	1.14%	0.156%
26	15.277	1151	1154	1156	rBV	80715	90356	4.83%	0.661%
27	15.917	1207	1210	1217	rVB2	8404	19953	1.07%	0.146%

Sum of corrected areas: 13671724

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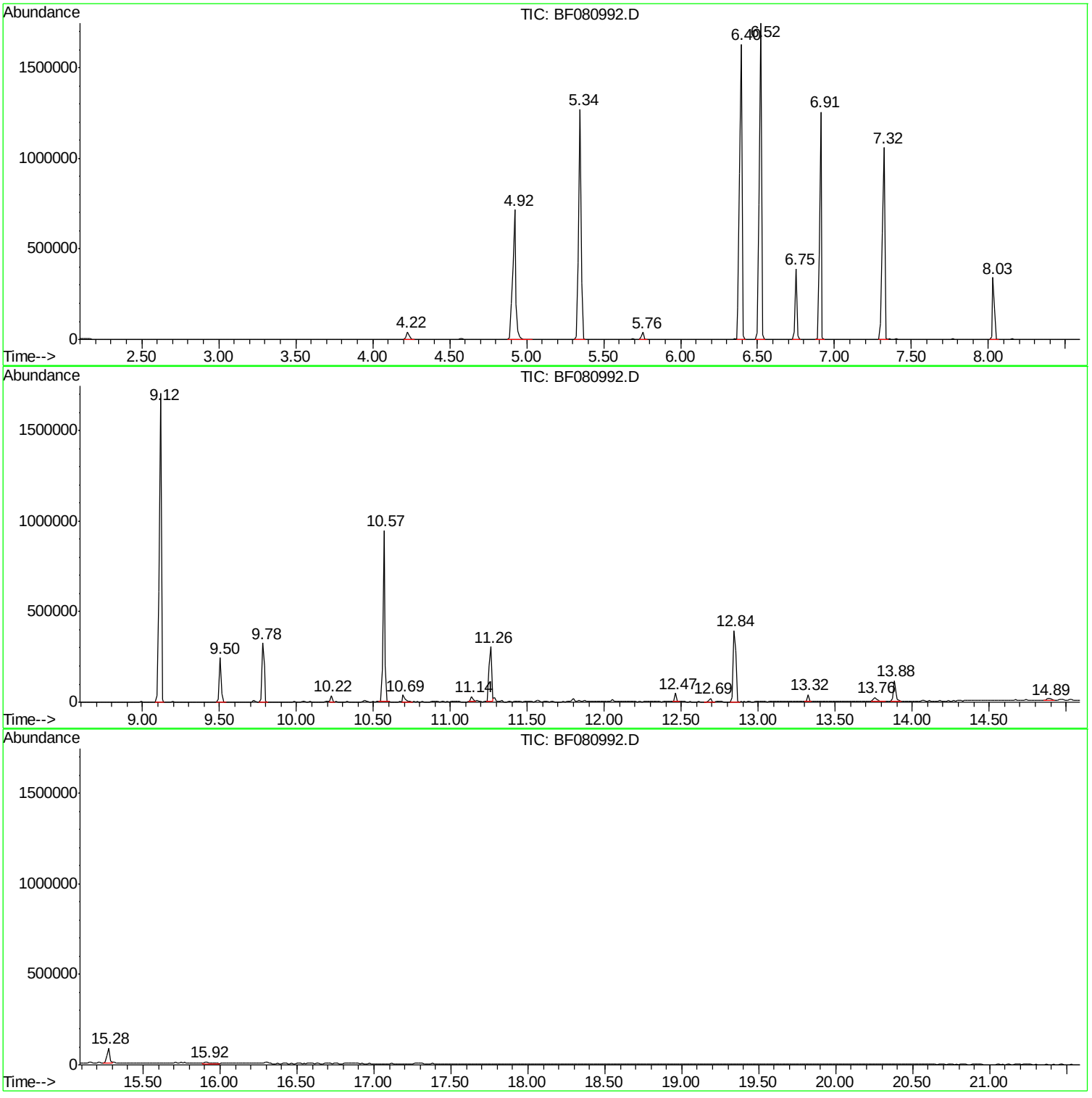
Instrument : BNA_F
ClientSampleId : FK-GF-01-017-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.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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Operator : UM/IZ
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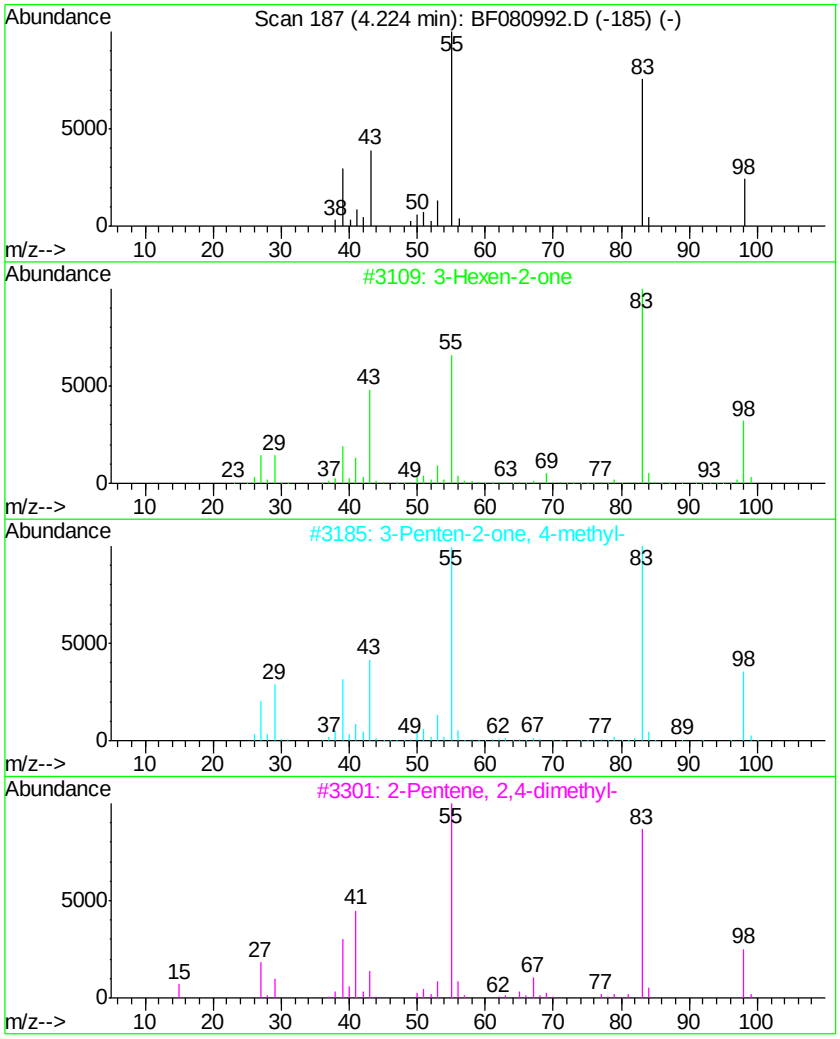
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

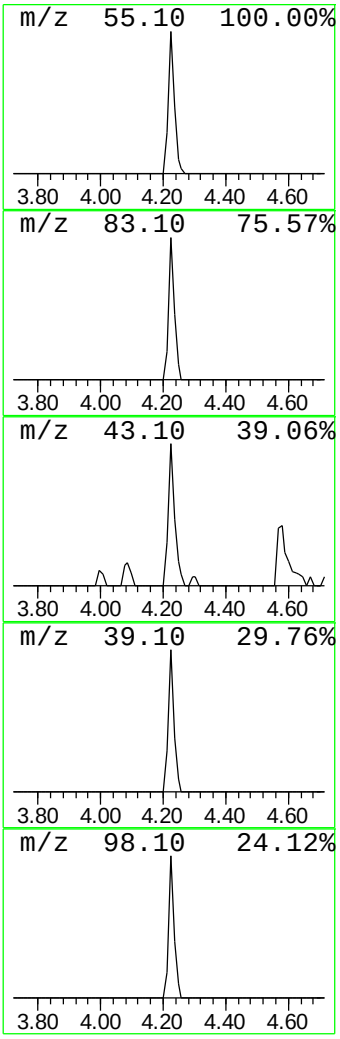
****

Peak Number 1 3-Hexen-2-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.22	3.35 ng	52030	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-2-one	98	C6H10O	000763-93-9	86
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	86
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	80
5	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	80





Library Search Compound Report

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Data File : BF080992.D
Acq On : 13 Aug 2015 21:12
Operator : UM/IZ
Sample : G3252-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-017-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

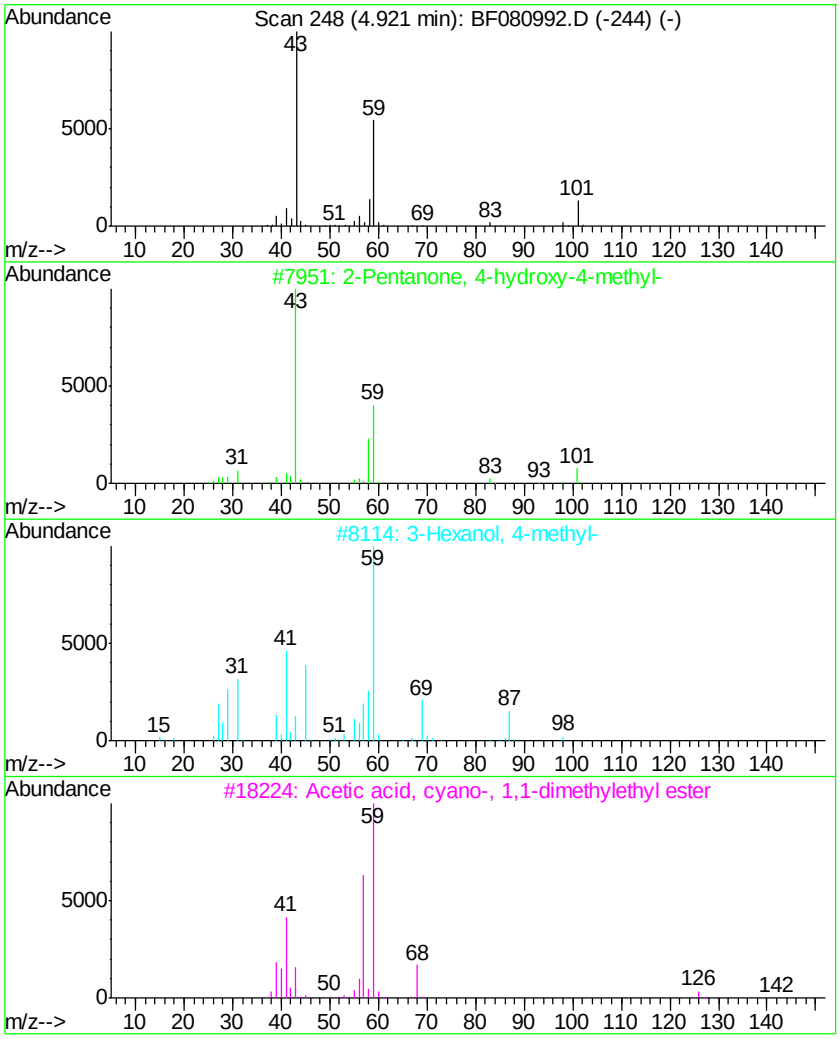
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

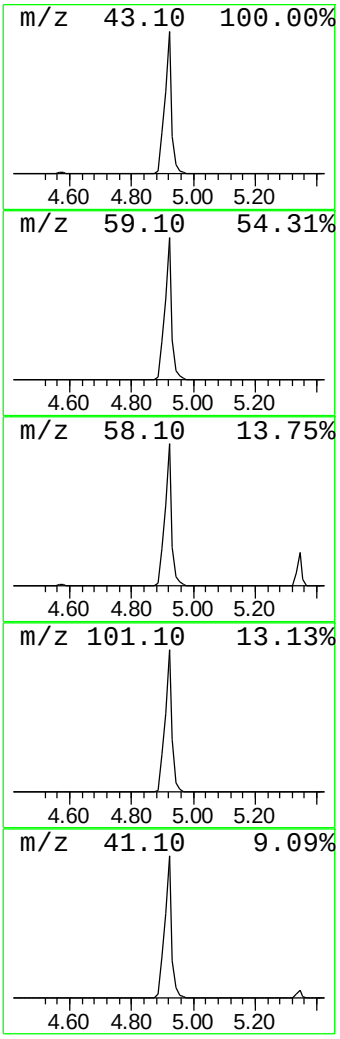
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	70.66 ng	1097180	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081315\
Data File : BF080992.D
Acq On : 13 Aug 2015 21:12
Operator : UM/IZ
Sample : G3252-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-017-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.M
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TIC Library : C:\DATABASE\NIST02.L
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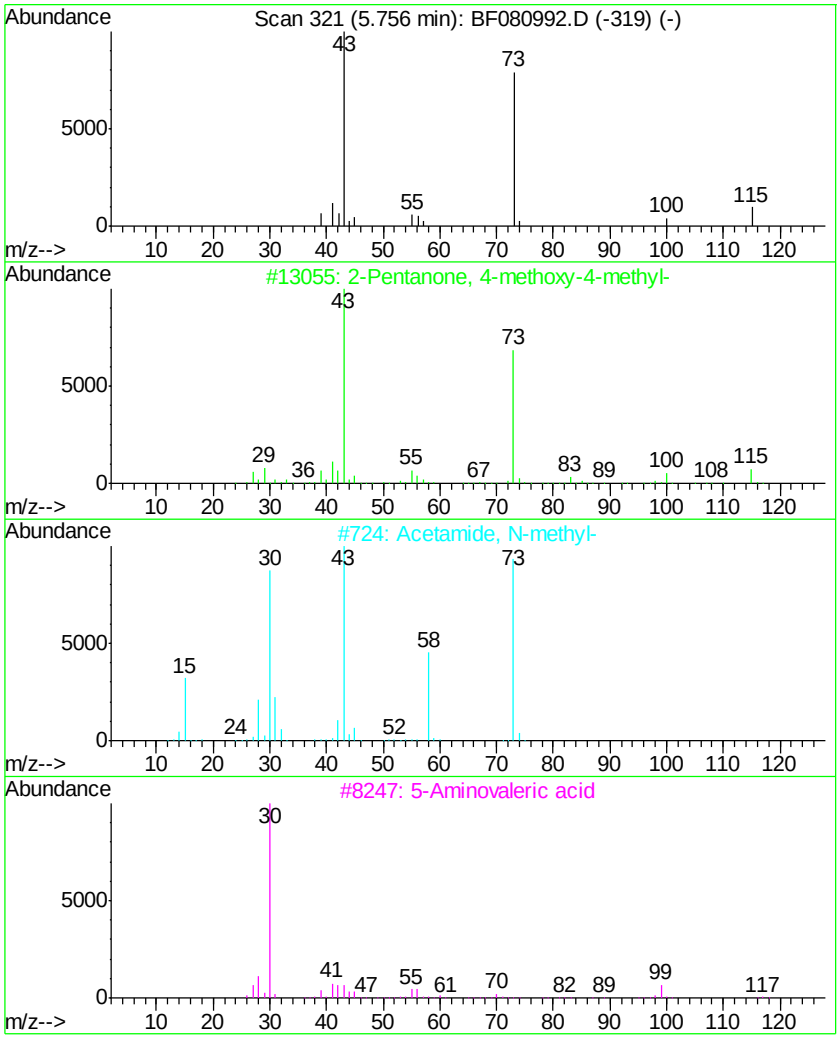
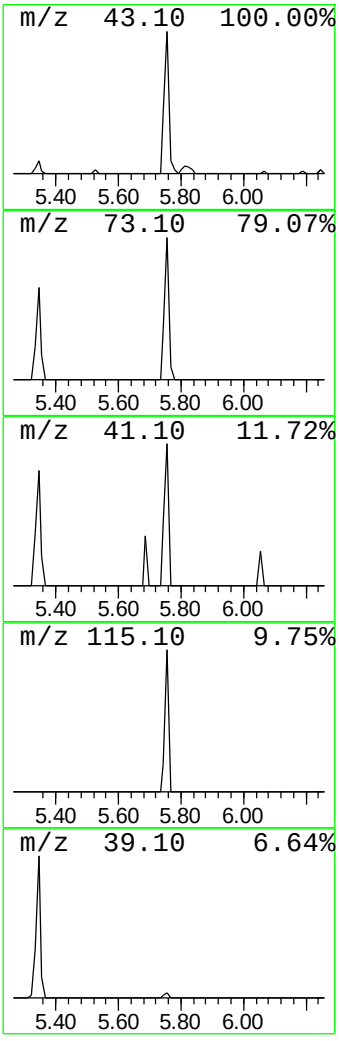
****

Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.76	2.55 ng	39597	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
3	5-Aminovaleric acid	117	C5H11NO2	000660-88-8	9
4	Guanidine, methyl-	73	C2H7N3	000471-29-4	7
5	N-Ethylformamide	73	C3H7NO	000627-45-2	7





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081315\
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Acq On : 13 Aug 2015 21:12
Operator : UM/IZ
Sample : G3252-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-017-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.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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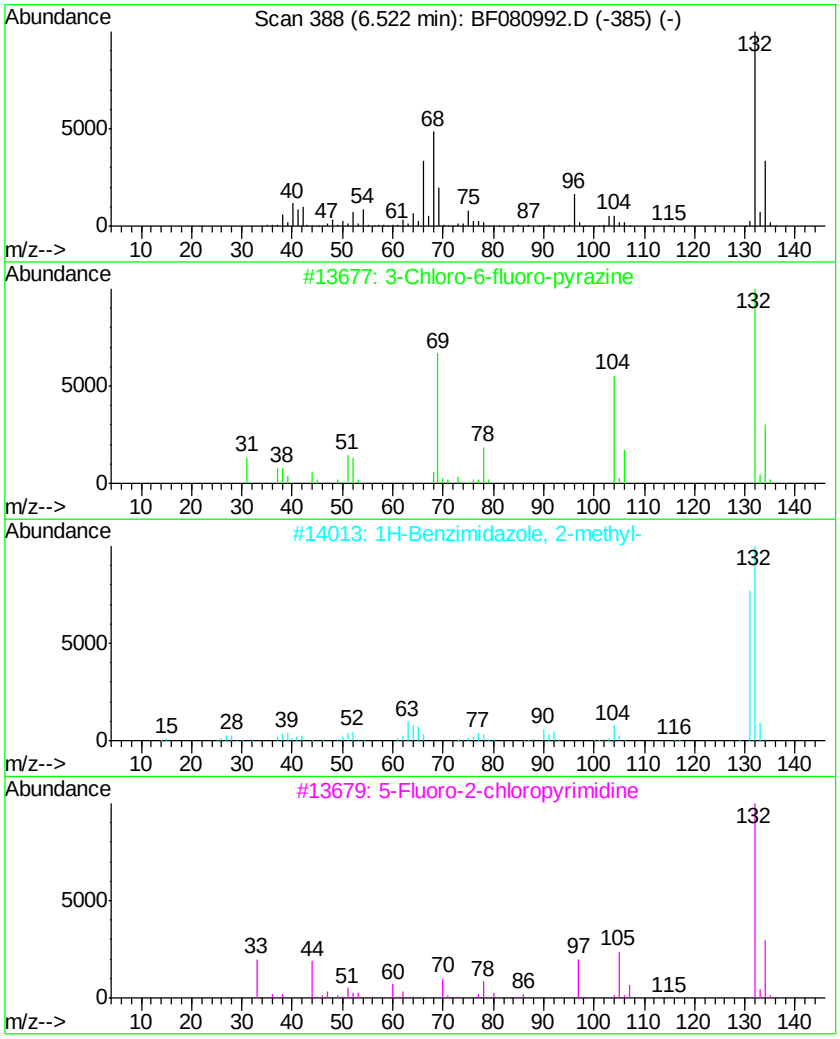
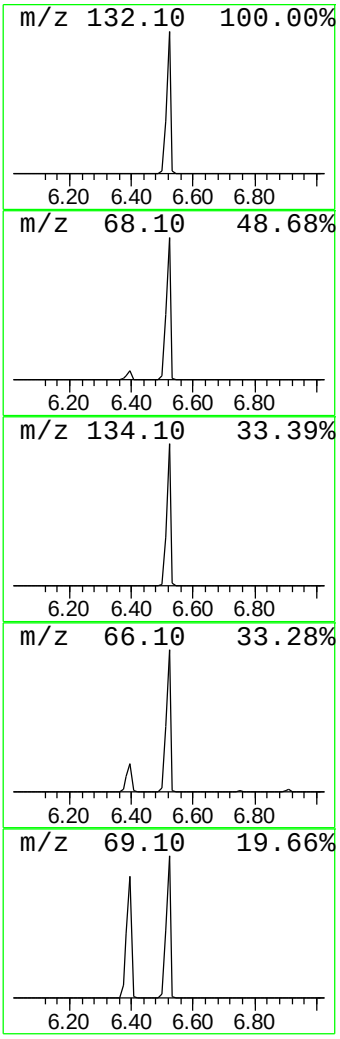
Peak Number 4 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	112.76 ng	1750840	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081315\
Data File : BF080992.D
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Operator : UM/IZ
Sample : G3252-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-017-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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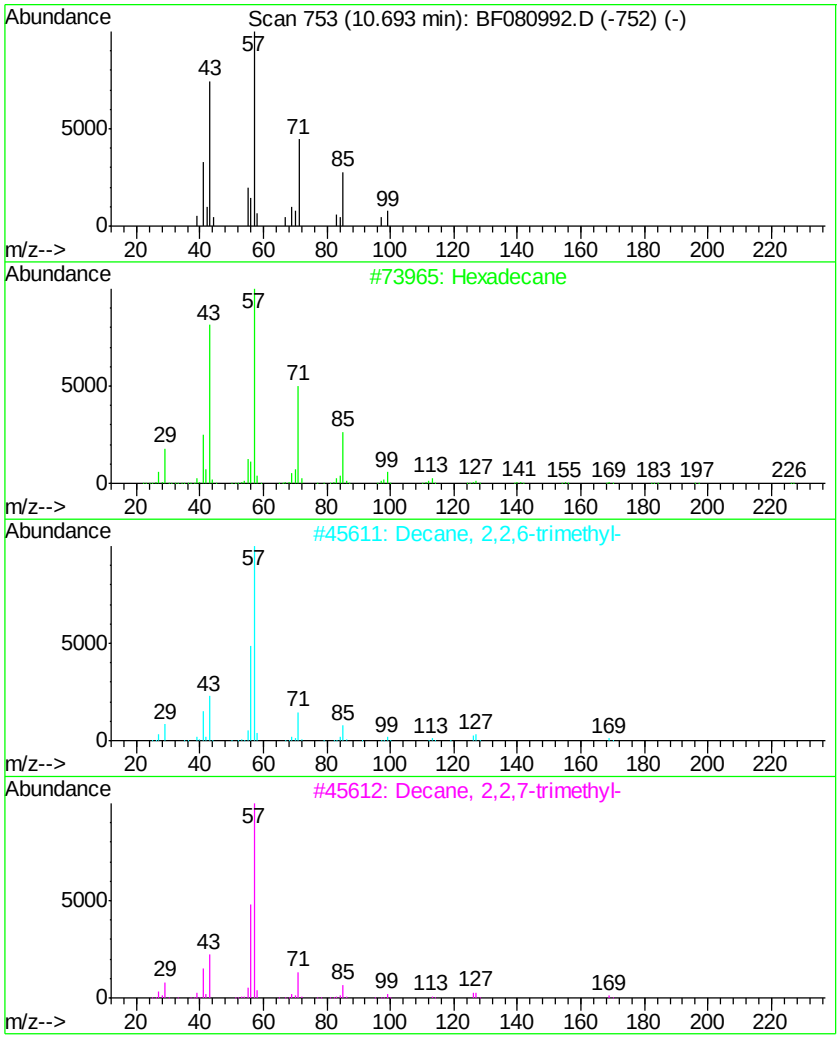
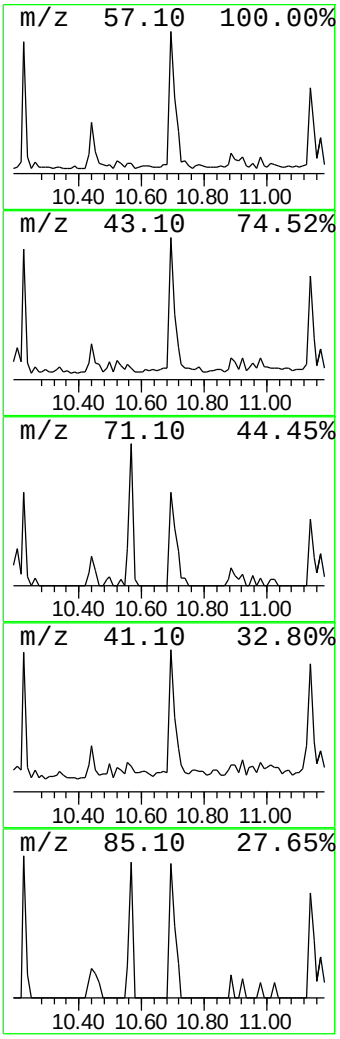
Peak Number 6 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	2.64 ng	46813	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	59
3	Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	59
4	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	59
5	Tridecane	184	C13H28	000629-50-5	56





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Sample : G3252-03
Misc :
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Instrument : BNA_F
ClientSampleId : FK-GF-01-017-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

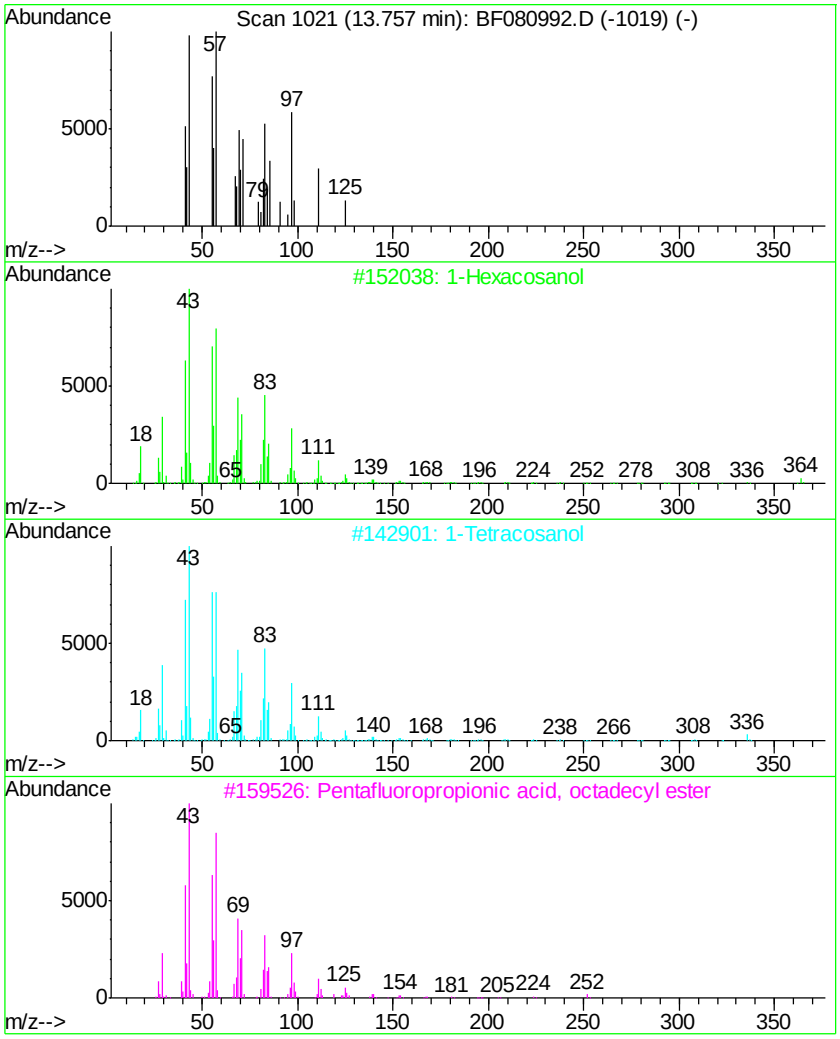
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

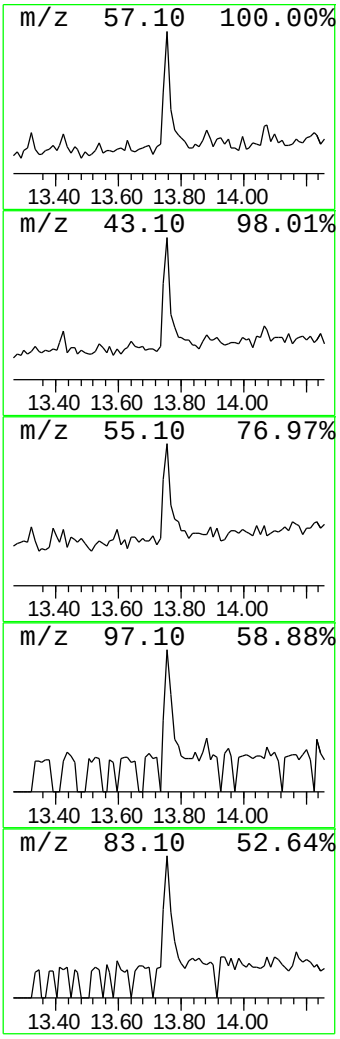
****

Peak Number 7 1-Hexacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	4.96 ng	30303	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol	382	C26H54O	000506-52-5	83
2	1-Tetracosanol	354	C24H50O	000506-51-4	83
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	72
4	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	64
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	1000280-07-5	64





Library Search Compound Report

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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

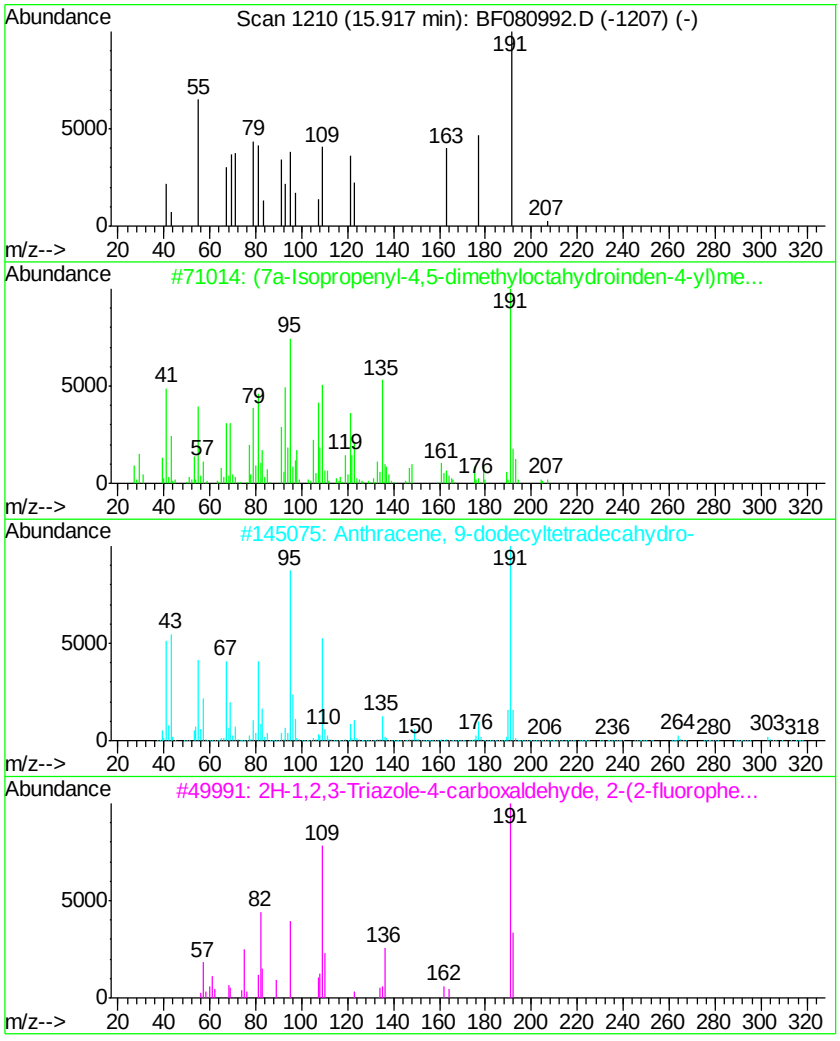
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

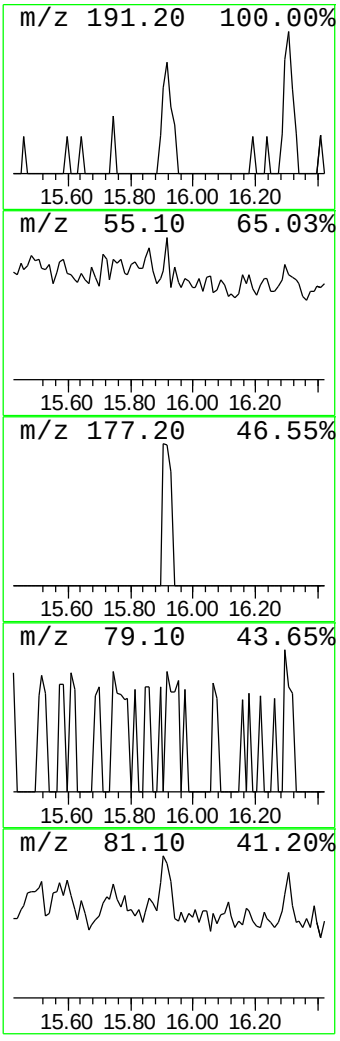
****

Peak Number 8 unknown15.92 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	4.42 ng	19953	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(7a-Isopropenyl-4,5-dimethylocta...	222	C15H26O	1000187-02-9	23
2	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	12
3	2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	9
4	Silane, 1,3-decadiynyltrimethyl-	206	C13H22Si	084751-17-7	9
5	Pyrido[3,4-d]pyrimidine-2,4(1H,3...	191	C9H9N3O2	022389-83-9	7





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
3-Hexen-2-one	4.22	3.4	ng	52030	1	6.75	310556	20.0
2-Pentanone, 4-hy...	4.92	70.7	ng	1097180	1	6.75	310556	20.0
2-Pentanone, 4-me...	5.76	2.5	ng	39597	1	6.75	310556	20.0
unknown6.52	6.52	112.8	ng	1750840	1	6.75	310556	20.0
Hexadecane	10.69	2.6	ng	46813	4	11.26	354593	20.0
1-Hexacosanol	13.76	5.0	ng	30303	5	13.88	122295	20.0
unknown15.92	15.92	4.4	ng	19953	6	15.28	90356	20.0