LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
Data File : BF091522.D
Acq On : 9 Dec 2016 00:20
Operator : UM/SJ
Sample : H5917-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URSMW-11

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-BF112916.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	4.984	234	236	239	rBV	288284	317248	11.41%	1.563%
2	5.419	271	274	276	rBV	1534433	1416752	50.94%	6.980%
3	6.447	362	364	367	rBV	636905	623999	22.44%	3.074%
4	6.584	374	376	378	rBV	2085882	1881121	67.64%	9.268%
5	6.813	394	396	399	rBV	514230	563540	20.26%	2.777%
6	6.973	408	410	412	rVB	2017939	1770048	63.64%	8.721%
7	7.385	443	446	448	rVB	1801988	1818924	65.40%	8.962%
8	8.105	506	509	511	rBV	943948	868245	31.22%	4.278%
9	9.179	601	603	606	rVB	3185086	2781182	100.00%	13.703%
10	9.270	608	611	615	rBV6	17781	50774	1.83%	0.250%
11	9.362	618	619	623	rVB4	20020	33507	1.20%	0.165%
12	9.510	631	632	636	rBV3	35748	61690	2.22%	0.304%
13	9.568	636	637	640	rVB3	45731	71775	2.58%	0.354%
14	9.648	640	644	648	rBV7	27421	93069	3.35%	0.459%
15	9.716	648	650	652	rBV2	27977	40310	1.45%	0.199%
16	9.762	652	654	656	rVB3	31894	51239	1.84%	0.252%
17	9.853	660	662	664	rVV	1081852	889494	31.98%	4.382%
18	10.059	678	680	682	rBV3	28677	48786	1.75%	0.240%
19	10.105	682	684	686	rVV3	19656	38438	1.38%	0.189%
20	10.185	688	691	693	rVB2	49640	107905	3.88%	0.532%
21	10.265	696	698	699	rBV2	27809	43357	1.56%	0.214%
22	10.402	708	710	711	rBV2	48074	47753	1.72%	0.235%
23	10.516	719	720	723	rBV2	31193	33536	1.21%	0.165%
24	10.585	723	726	728	rBV	71646	98390	3.54%	0.485%
25	10.642	728	731	733	rBV	2142604	2034839	73.16%	10.025%
26	10.745	738	740	741	rVV	30400	39331	1.41%	0.194%
27	10.768	741	742	745	rVB	49436	71583	2.57%	0.353%
28	11.339	789	792	794	rVB	597863	769266	27.66%	3.790%
29	11.876	837	839	841	rBV	82020	120072	4.32%	0.592%
30	12.654	905	907	913	rBV	83551	96460	3.47%	0.475%
31	12.916	928	930	933	rBV	2179044	2439565	87.72%	12.020%
32	13.957	1019	1021	1024	rBV	419641	517086	18.59%	2.548%
33	15.374	1142	1145	1148	rBV	330498	423547	15.23%	2.087%
34	18.106	1381	1384	1387	rBV4	11405	33888	1.22%	0.167%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
Data File : BF091522.D
Acq On : 9 Dec 2016 00:20
Operator : UM/SJ
Sample : H5917-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
URSMW-11

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-BF112916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

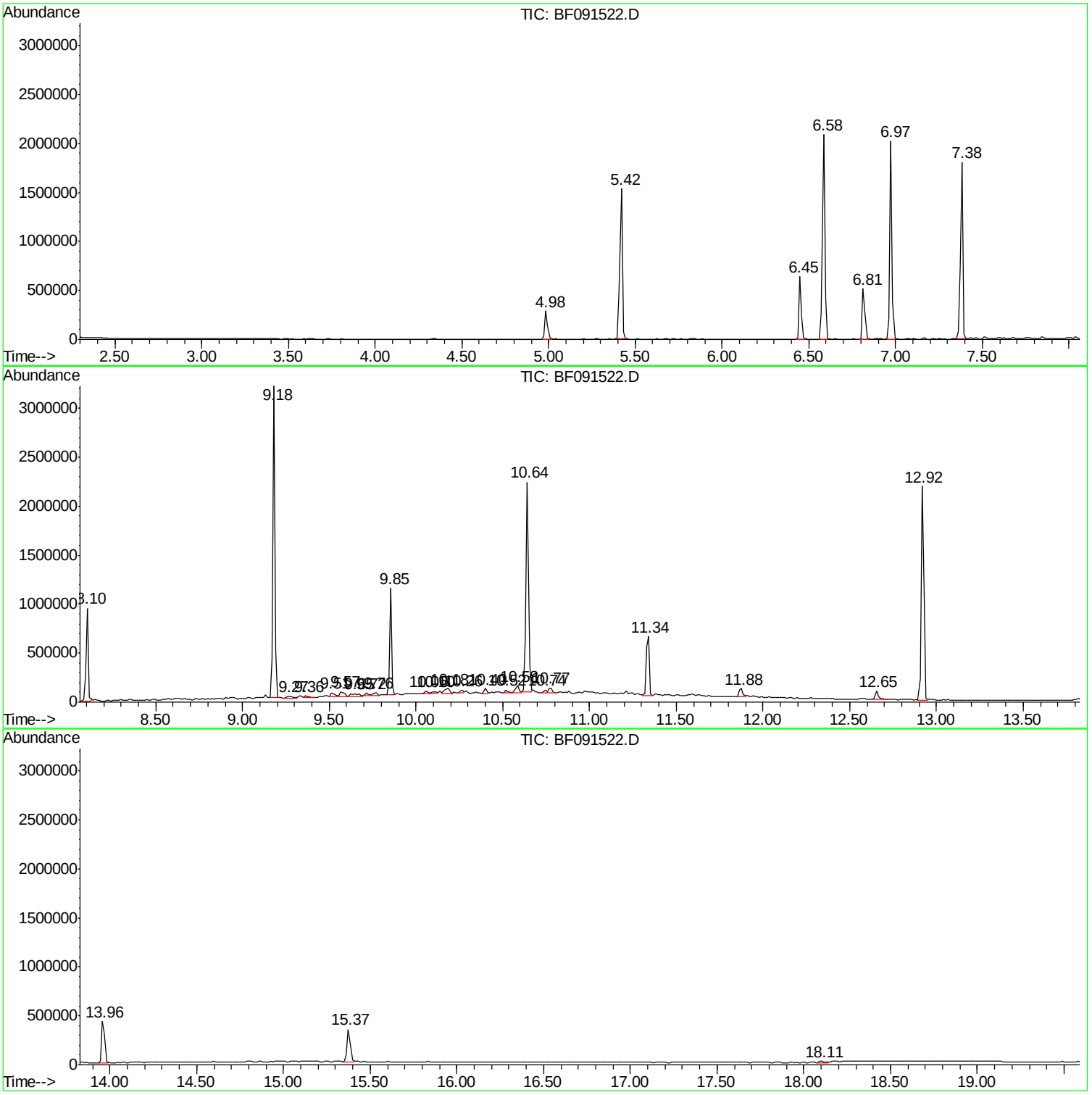
Sum of corrected areas: 20296719

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
Data File : BF091522.D
Acq On : 9 Dec 2016 00:20
Operator : UM/SJ
Sample : H5917-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URSMW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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\BF120816\
Data File : BF091522.D
Acq On : 9 Dec 2016 00:20
Operator : UM/SJ
Sample : H5917-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URSMW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

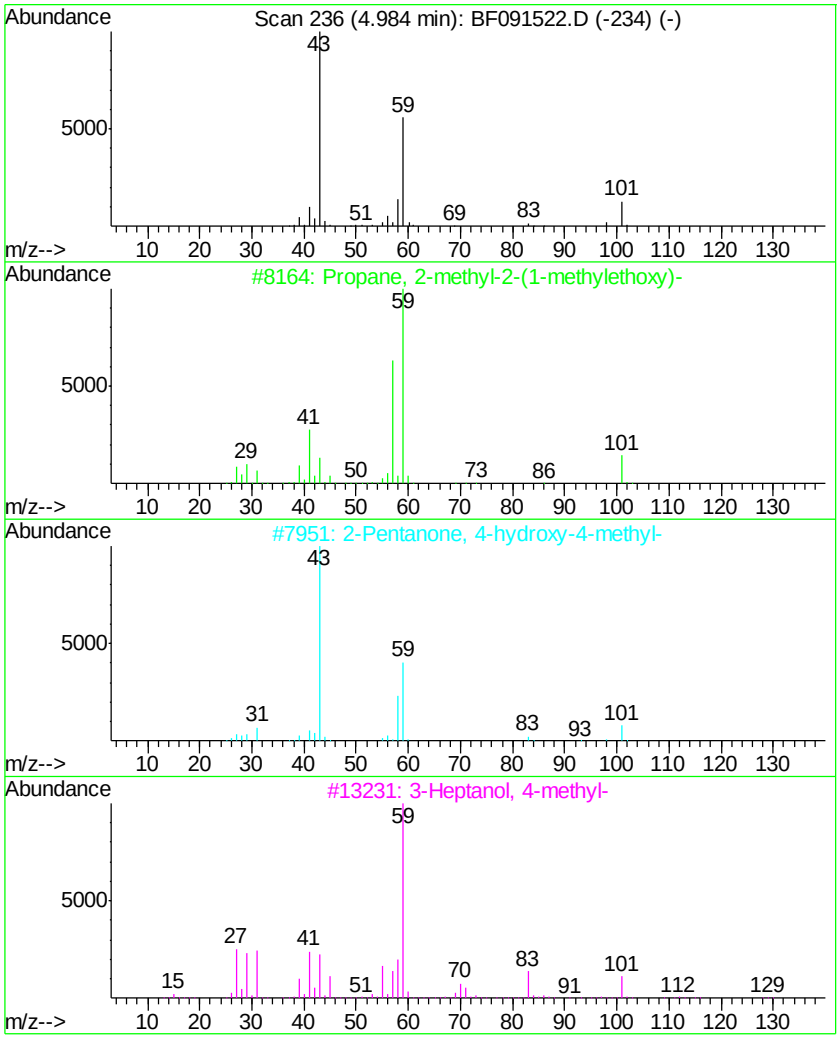
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

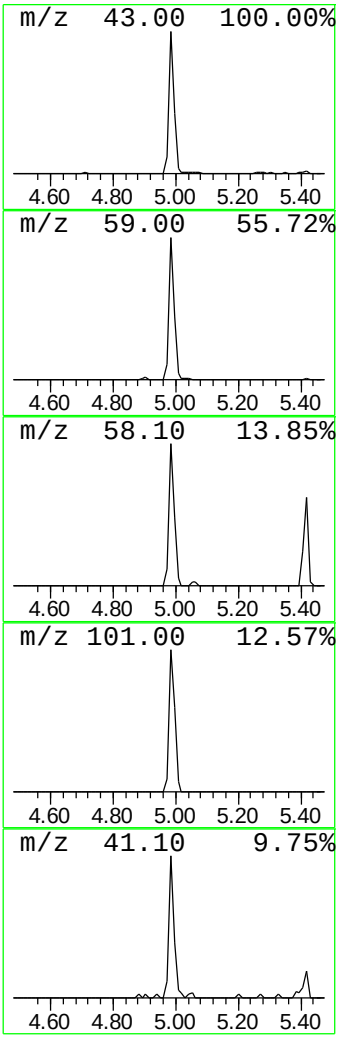
****

Peak Number 1 Propane, 2-methyl-2-(1-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	11.26 ng	317248	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
Data File : BF091522.D
Acq On : 9 Dec 2016 00:20
Operator : UM/SJ
Sample : H5917-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URSMW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

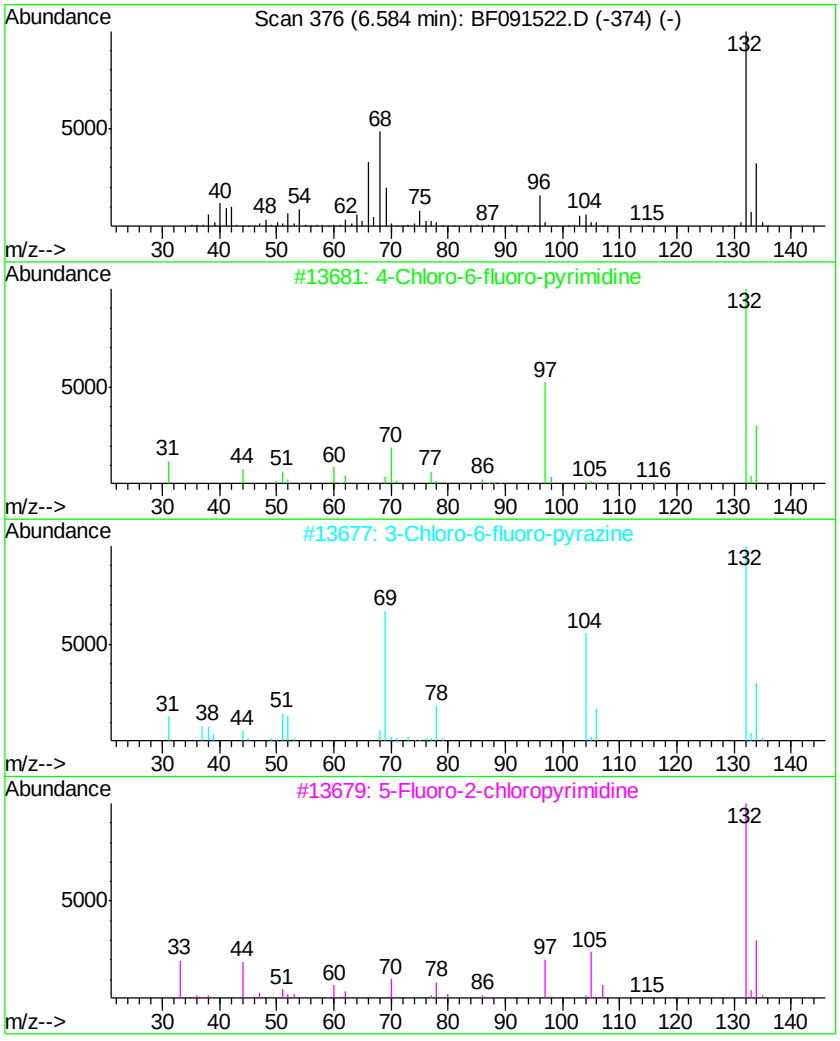
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

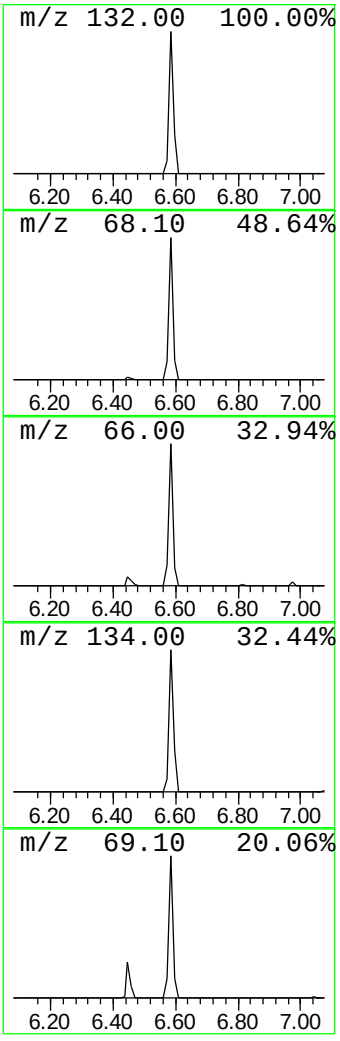
****

Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	66.76 ng	1881120	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
Data File : BF091522.D
Acq On : 9 Dec 2016 00:20
Operator : UM/SJ
Sample : H5917-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URSMW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

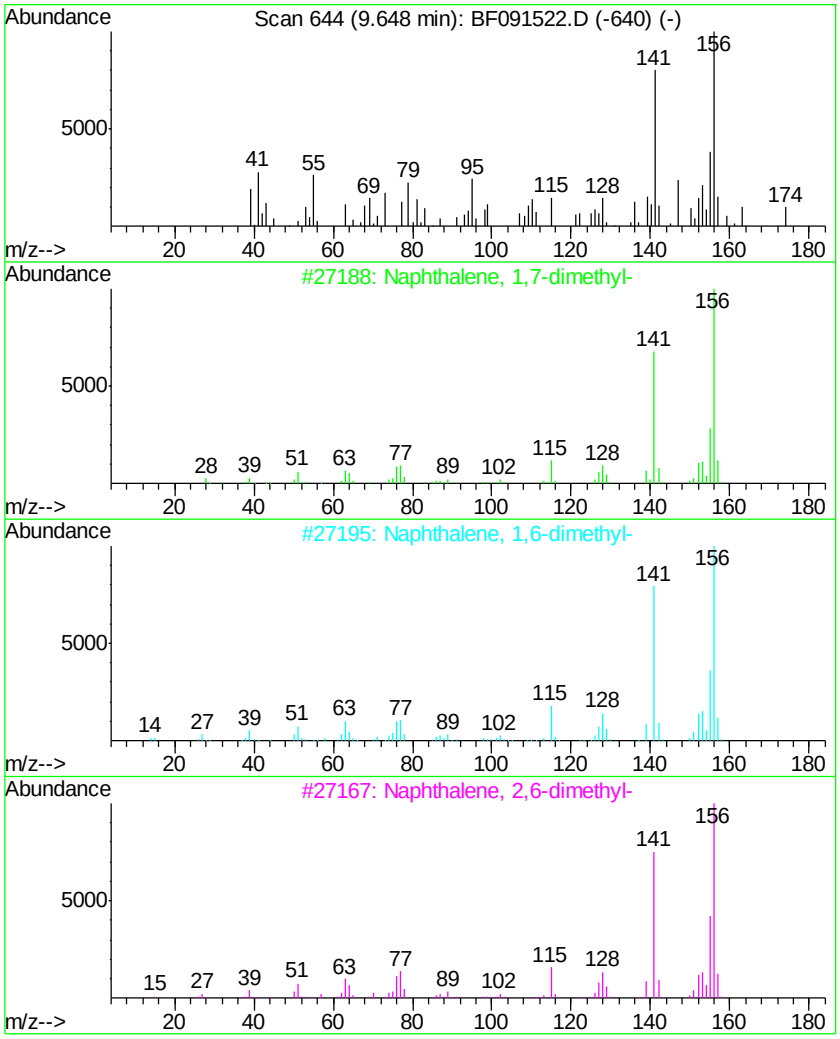
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

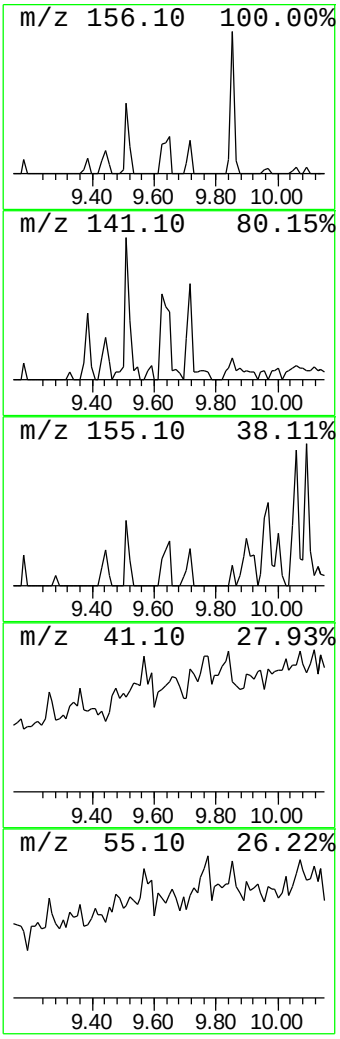
****

Peak Number 4 Naphthalene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	2.09 ng	93069	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	86
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	86
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	86
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	76
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	70





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
Data File : BF091522.D
Acq On : 9 Dec 2016 00:20
Operator : UM/SJ
Sample : H5917-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URSMW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

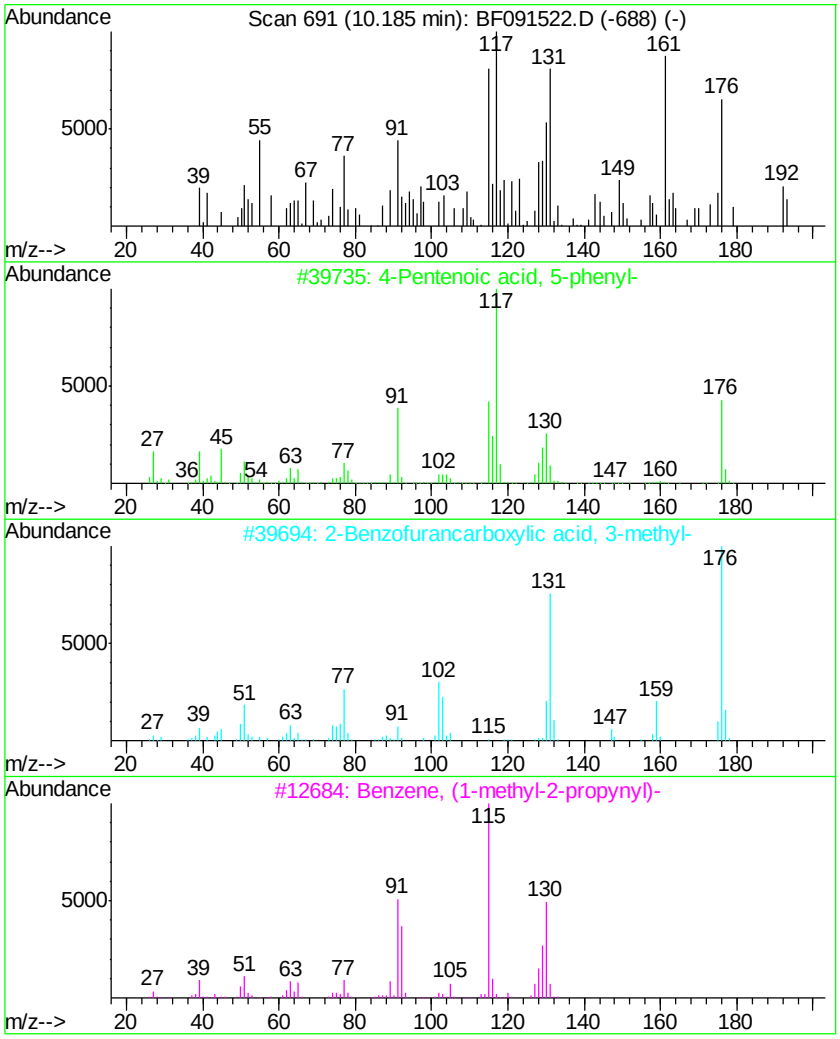
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

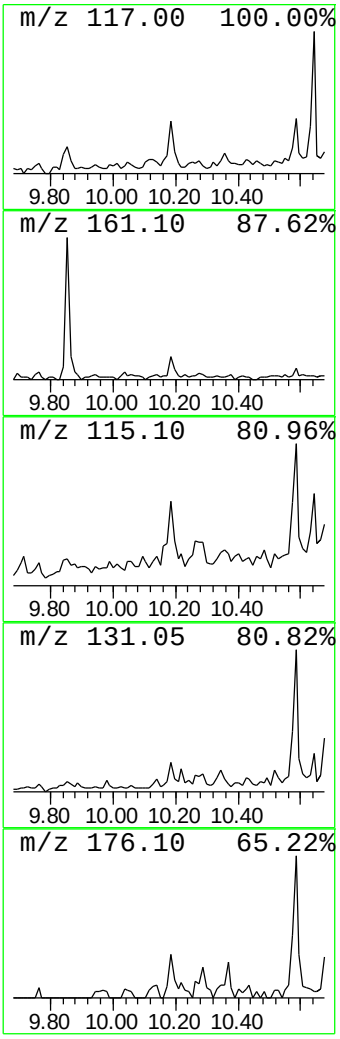
****

Peak Number 5 unknown10.18 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	2.43 ng	107905	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pentenoic acid, 5-phenyl-	176	C11H12O2	028525-69-1	25
2	2-Benzofurancarboxylic acid, 3-m...	176	C10H8O3	024673-56-1	22
3	Benzene, (1-methyl-2-propynyl)-	130	C10H10	004544-28-9	22
4	3-(3-Thienyl)pyridine	161	C9H7NS	021308-81-6	18
5	1H-Indole-3-carboxylic acid	161	C9H7NO2	000771-50-6	18





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
Data File : BF091522.D
Acq On : 9 Dec 2016 00:20
Operator : UM/SJ
Sample : H5917-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URSMW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

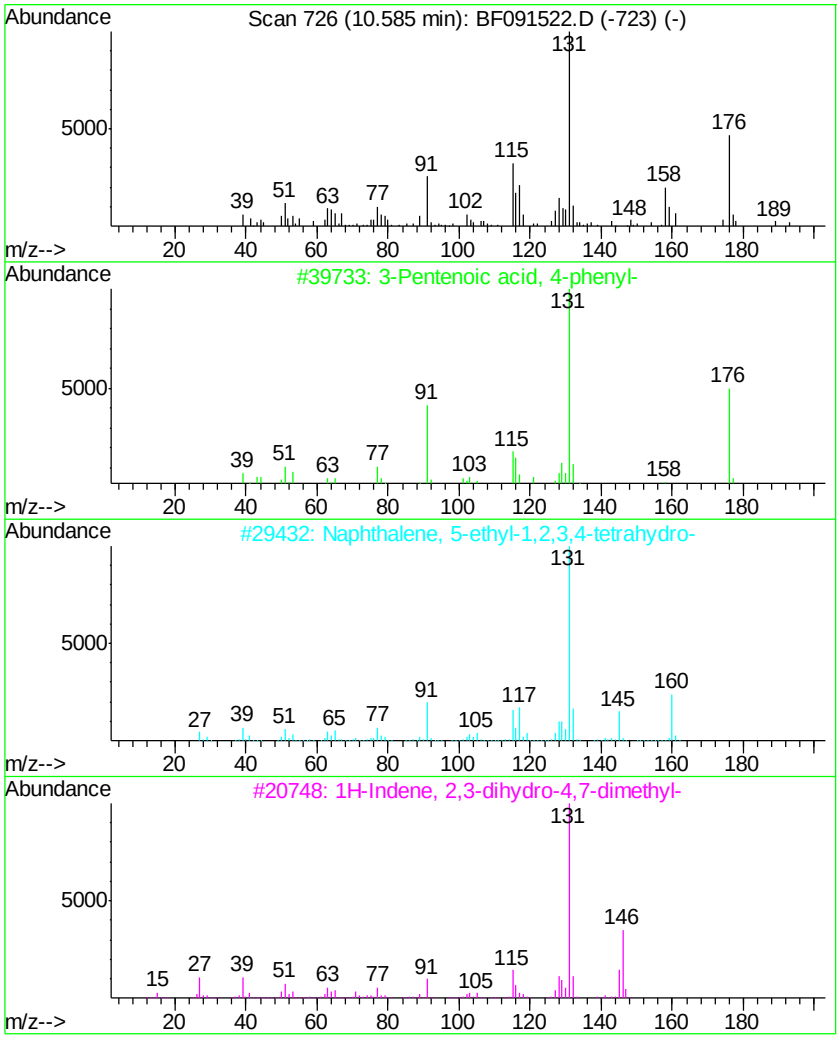
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

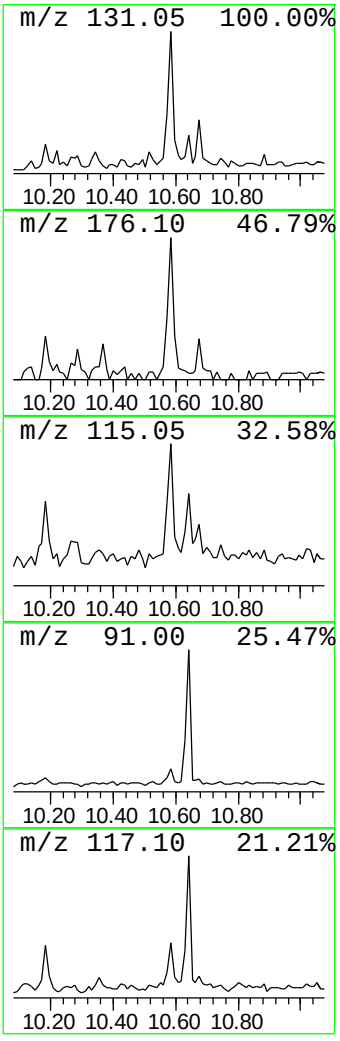
****

Peak Number 6 3-Pentenoic acid, 4-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	2.21 ng	98390	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	53
2	Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	47
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	47
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	43
5	Cyclopropane, 2-bromo-1-methyl-1...	210	C10H11Br	055091-64-0	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
Data File : BF091522.D
Acq On : 9 Dec 2016 00:20
Operator : UM/SJ
Sample : H5917-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URSMW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

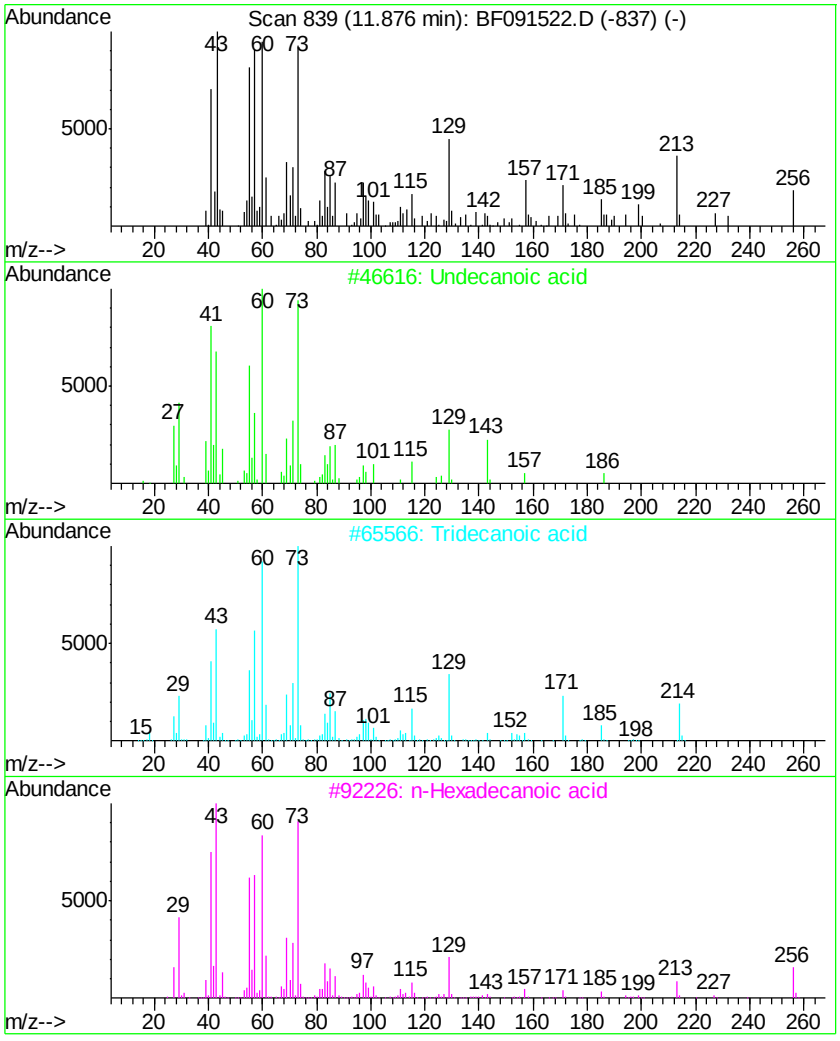
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

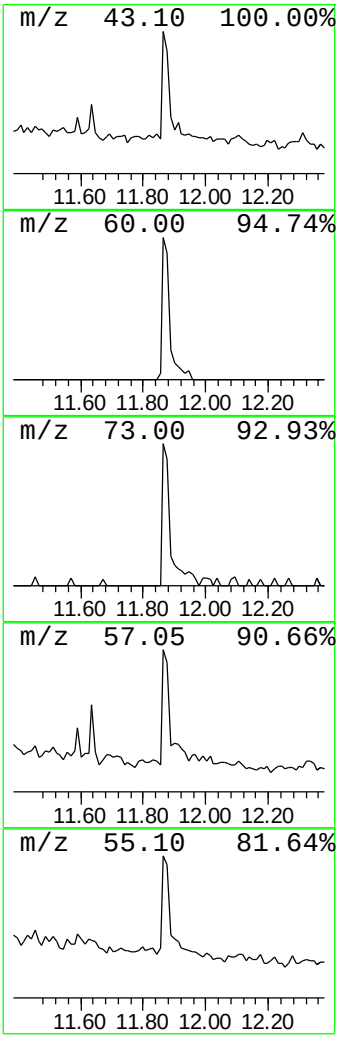
****

Peak Number 7 Undecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	3.12 ng	120072	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	83
2	Tridecanoic acid	214	C13H26O2	000638-53-9	74
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4	Dodecanoic acid	200	C12H24O2	000143-07-7	59
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
Data File : BF091522.D
Acq On : 9 Dec 2016 00:20
Operator : UM/SJ
Sample : H5917-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URSMW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

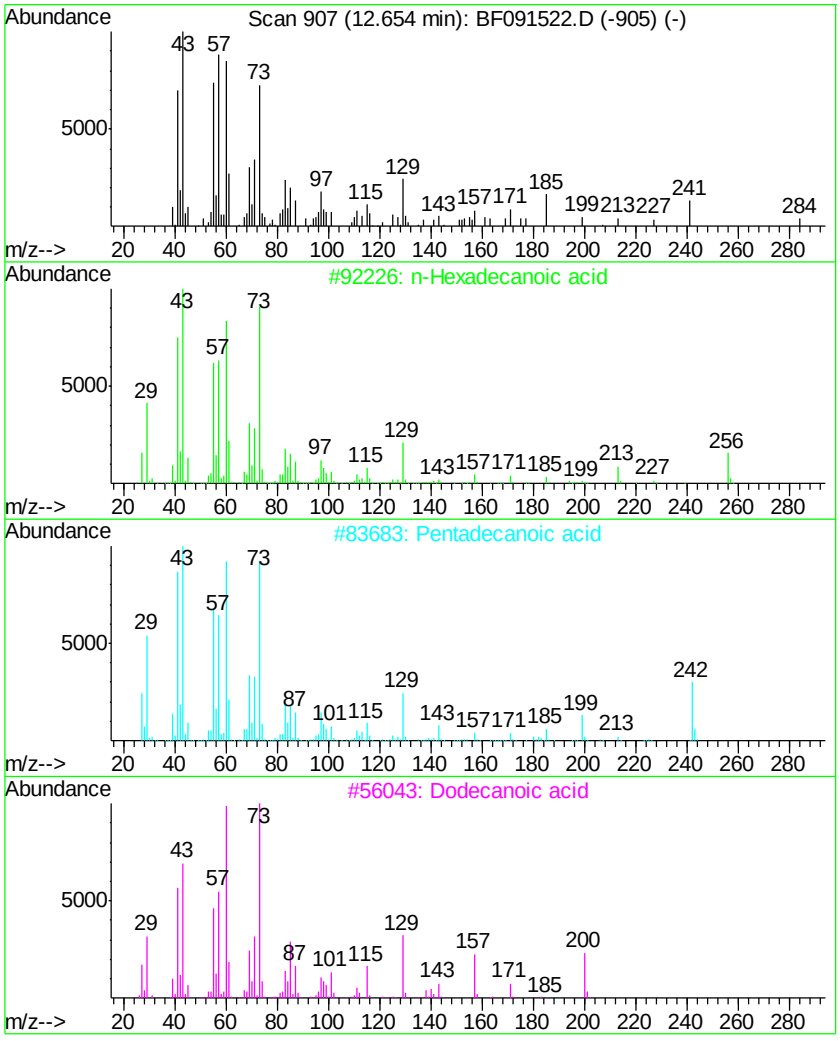
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

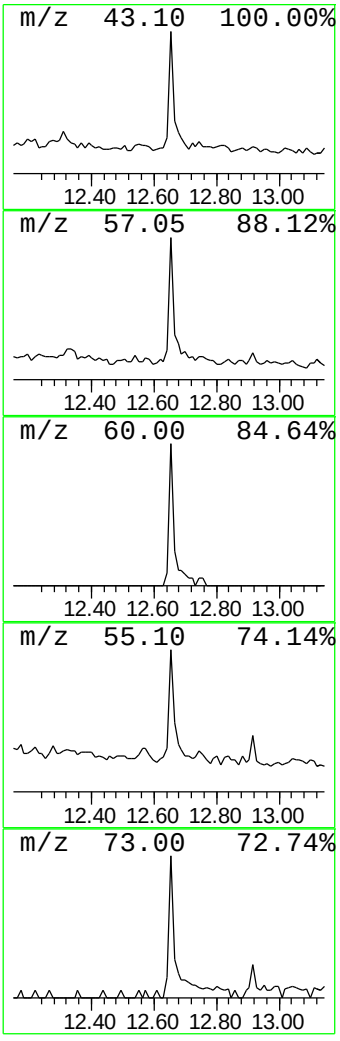
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	3.73 ng	96460	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3	Dodecanoic acid	200	C12H24O2	000143-07-7	59
4	Tridecanoic acid	214	C13H26O2	000638-53-9	59
5	Undecanoic acid	186	C11H22O2	000112-37-8	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
Data File : BF091522.D
Acq On : 9 Dec 2016 00:20
Operator : UM/SJ
Sample : H5917-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URSMW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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
Propane, 2-methyl...	4.98	11.3	ng	317248	1	6.81	563540	20.0
unknown6.58	6.58	66.8	ng	1881120	1	6.81	563540	20.0
Naphthalene, 1,7-...	9.65	2.1	ng	93069	3	9.85	889494	20.0
unknown10.18	10.18	2.4	ng	107905	3	9.85	889494	20.0
3-Pentenoic acid,...	10.58	2.2	ng	98390	3	9.85	889494	20.0
Undecanoic acid	11.88	3.1	ng	120072	4	11.34	769266	20.0
n-Hexadecanoic acid	12.65	3.7	ng	96460	5	13.96	517086	20.0