LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104987.D
Acq On : 1 May 2018 16:48
Operator : JU/SJ
Sample : J2616-25
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONCRETE-3

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-BF040618.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	4.345	378	384	393	rBV	1159738	1489372	40.50%	7.832%
2	5.016	488	498	501	rBV	1837258	3677908	100.00%	19.341%
3	6.422	734	737	753	rBV2	382517	464643	12.63%	2.443%
4	6.557	757	760	765	rVV	71923	62221	1.69%	0.327%
5	6.786	796	799	806	rBV	834217	663083	18.03%	3.487%
6	6.945	822	826	829	rBV	1983375	1687437	45.88%	8.874%
7	7.357	892	896	899	rBV	1404734	1263460	34.35%	6.644%
8	8.075	1014	1018	1030	rBV	993020	917959	24.96%	4.827%
9	9.151	1197	1201	1204	rBV	3011365	2565246	69.75%	13.490%
10	9.545	1262	1268	1276	rBV	222958	215878	5.87%	1.135%
11	9.751	1300	1303	1307	rBV	54444	44700	1.22%	0.235%
12	9.833	1313	1317	1325	rBV	1132050	1014686	27.59%	5.336%
13	10.204	1377	1380	1386	rBV	189796	183410	4.99%	0.964%
14	10.251	1386	1388	1391	rVB	73463	58165	1.58%	0.306%
15	10.727	1466	1469	1473	rBV	81140	90143	2.45%	0.474%
16	11.174	1542	1545	1548	rBV	47835	44236	1.20%	0.233%
17	11.204	1548	1550	1556	rVB	41017	40288	1.10%	0.212%
18	11.321	1566	1570	1576	rBV	1007167	956338	26.00%	5.029%
19	11.510	1599	1602	1606	rBV	41846	50374	1.37%	0.265%
20	12.010	1685	1687	1690	rBV	40921	39493	1.07%	0.208%
21	12.921	1838	1842	1845	rBV	2013285	1922635	52.28%	10.110%
22	13.862	1999	2002	2008	rVB3	109883	163849	4.45%	0.862%
23	14.045	2029	2033	2038	rBV	668430	664193	18.06%	3.493%
24	15.639	2299	2304	2313	rVB	481015	654796	17.80%	3.443%
25	16.315	2416	2419	2434	rVB	26988	81858	2.23%	0.430%

Sum of corrected areas: 19016371

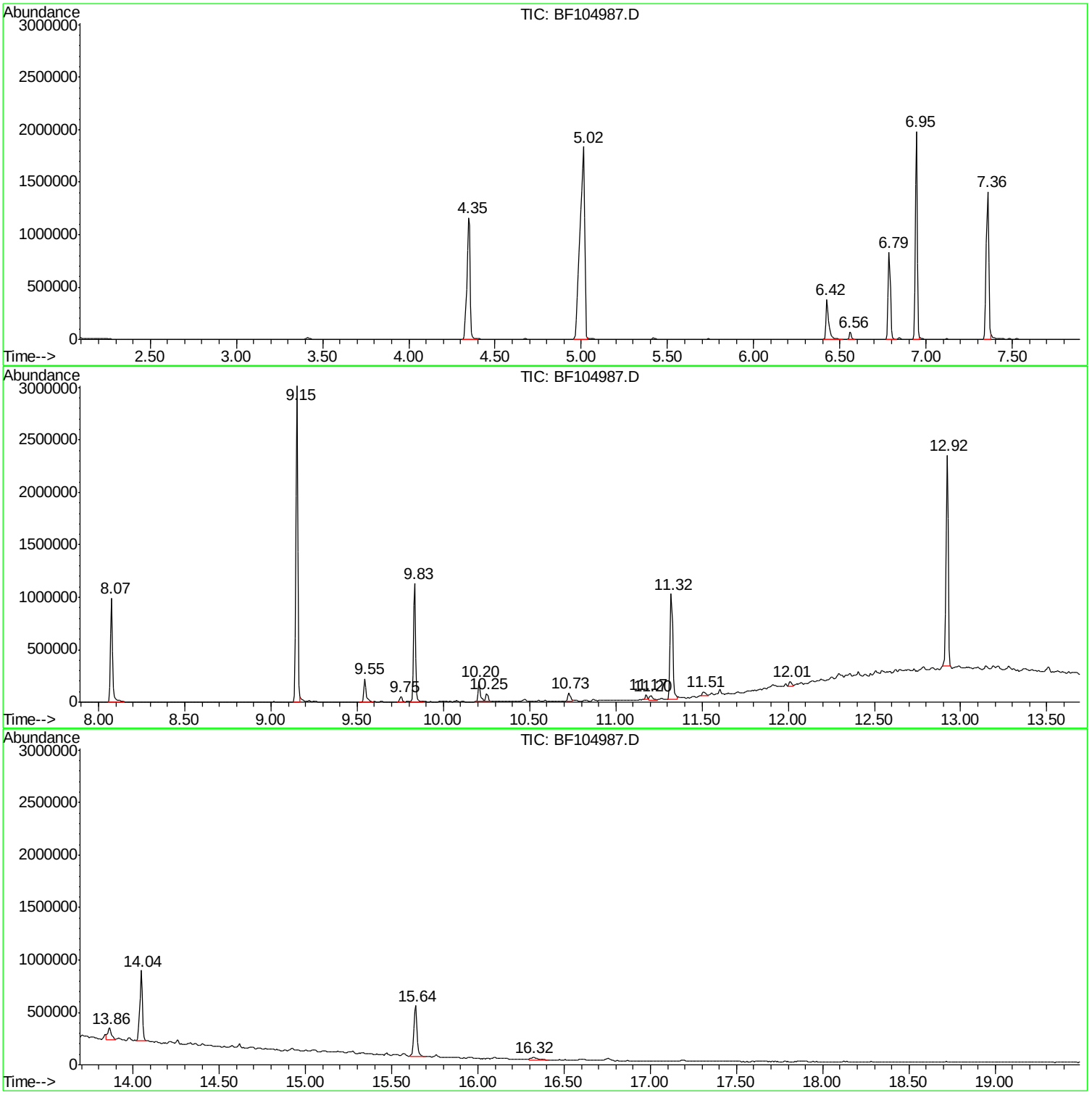
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104987.D
Acq On : 1 May 2018 16:48
Operator : JU/SJ
Sample : J2616-25
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONCRETE-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104987.D
Acq On : 1 May 2018 16:48
Operator : JU/SJ
Sample : J2616-25
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONCRETE-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

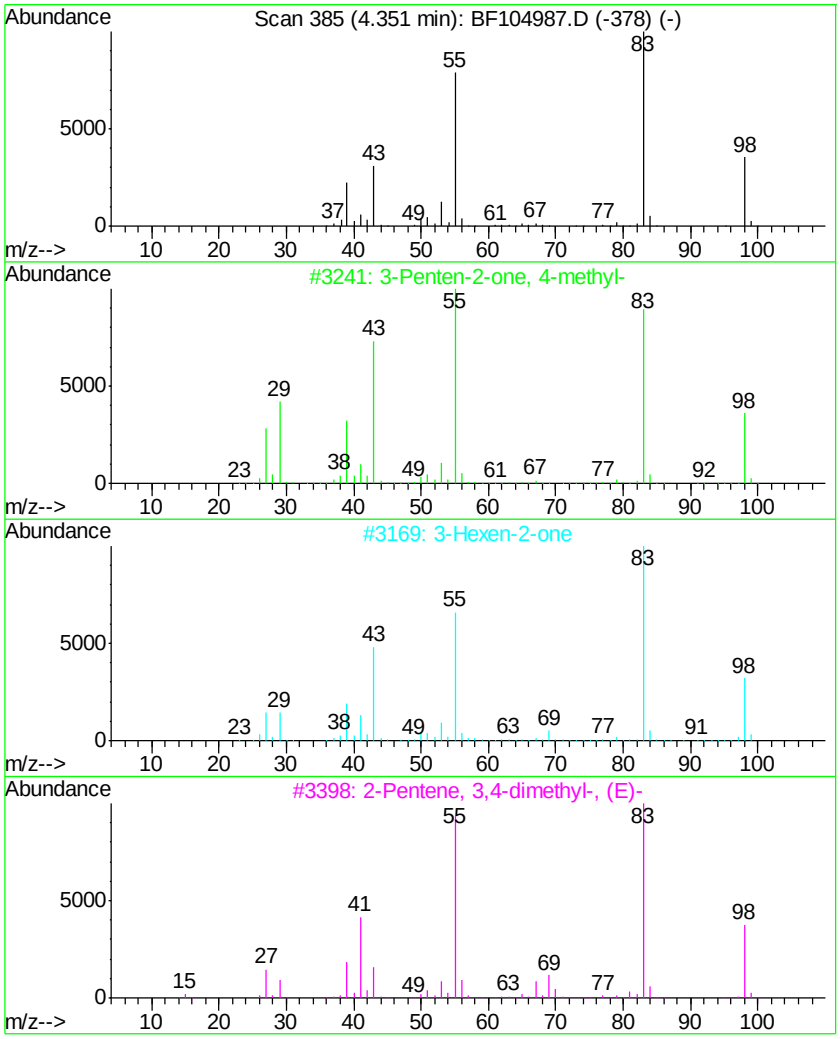
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

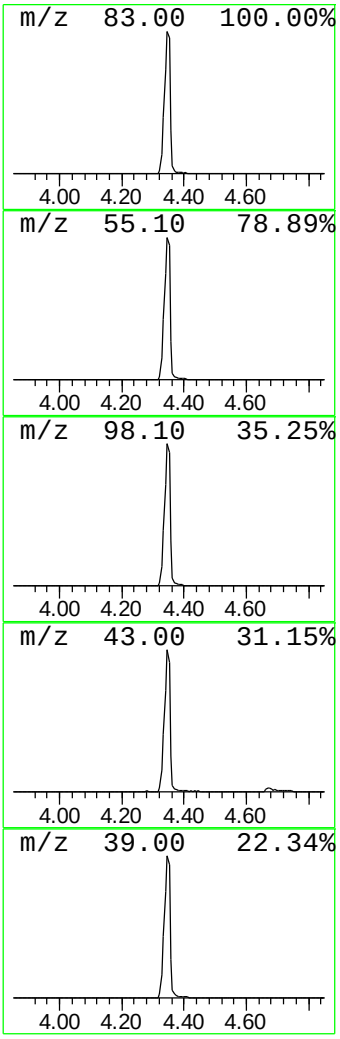
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	44.92 ng	1489370	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	78





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104987.D
Acq On : 1 May 2018 16:48
Operator : JU/SJ
Sample : J2616-25
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONCRETE-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

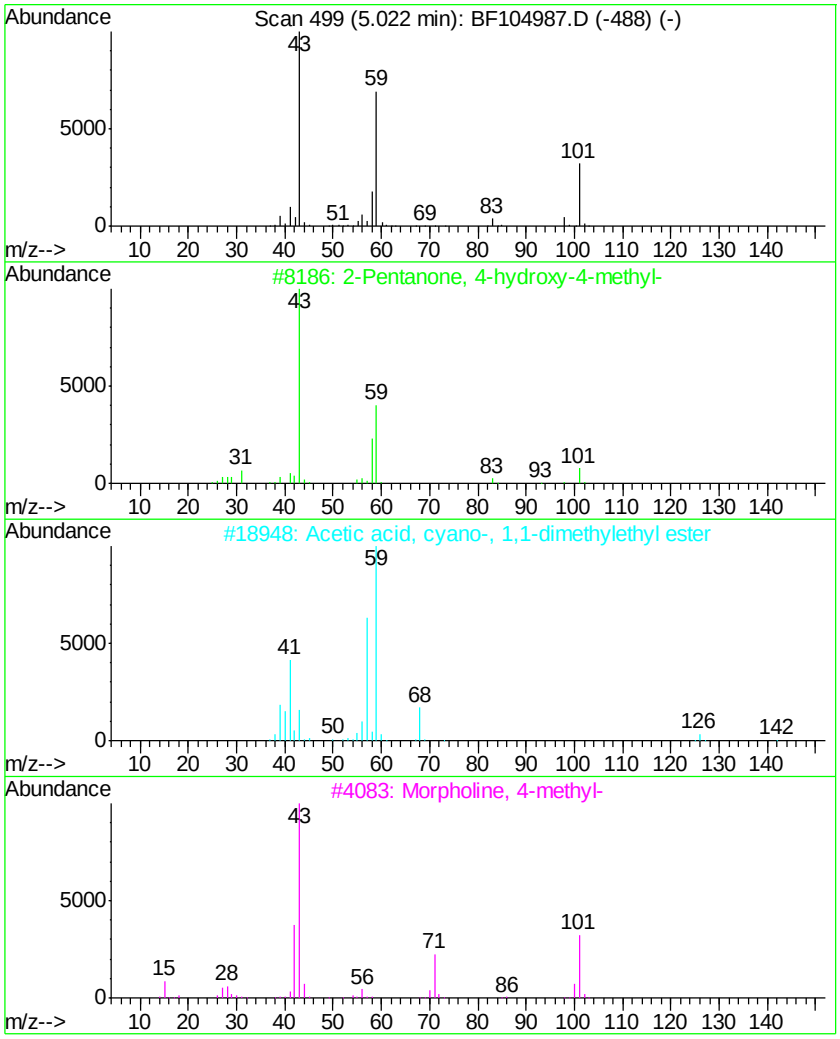
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

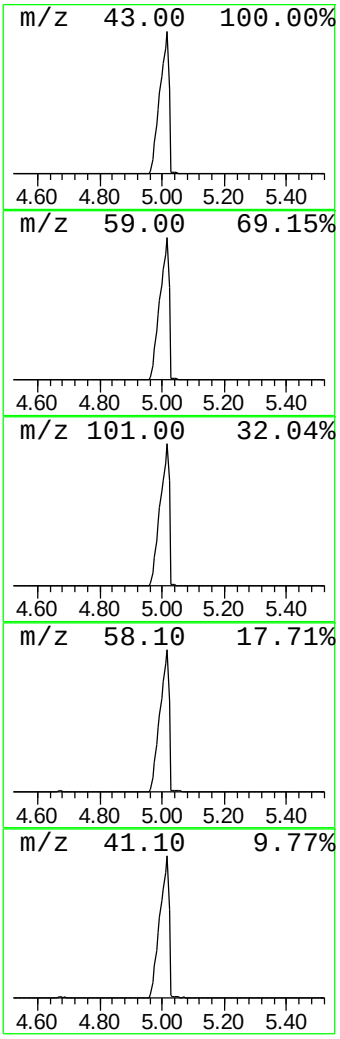
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	110.93 ng	3677910	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104987.D
Acq On : 1 May 2018 16:48
Operator : JU/SJ
Sample : J2616-25
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONCRETE-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

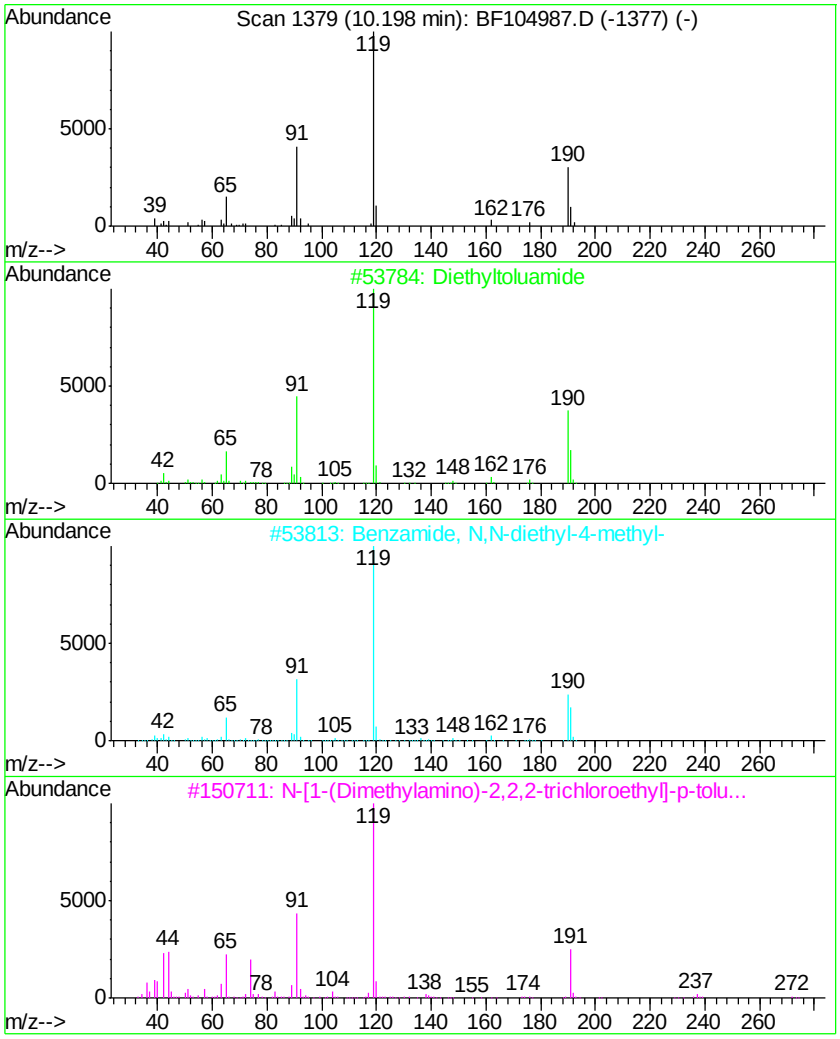
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

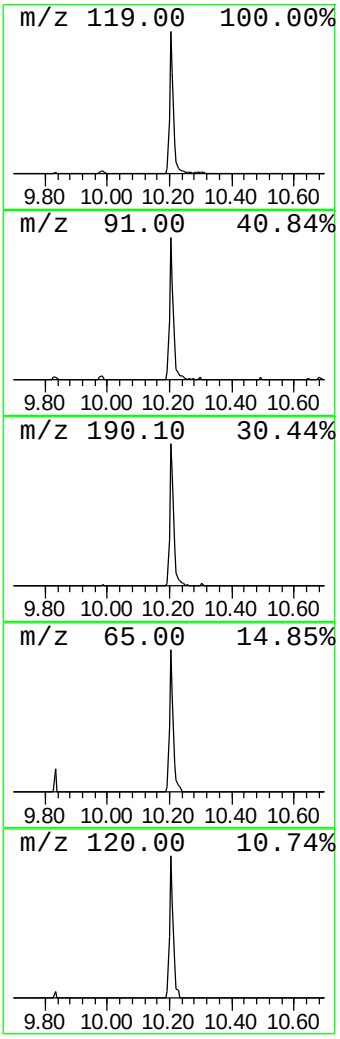
****

Peak Number 4 Diethyltoluamide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	3.62 ng	183410	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	94
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	90
3	N-[1-(Dimethylamino)-2,2,2-trich...	308	C12H15Cl3N2O	300814-41-9	64
4	Benzamide, N,N,3-trimethyl-	163	C10H13NO	006935-65-5	59
5	4-Methylbenzoic acid, pentafluor...	302	C14H7F5O2	1000354-15-1	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104987.D
Acq On : 1 May 2018 16:48
Operator : JU/SJ
Sample : J2616-25
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONCRETE-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

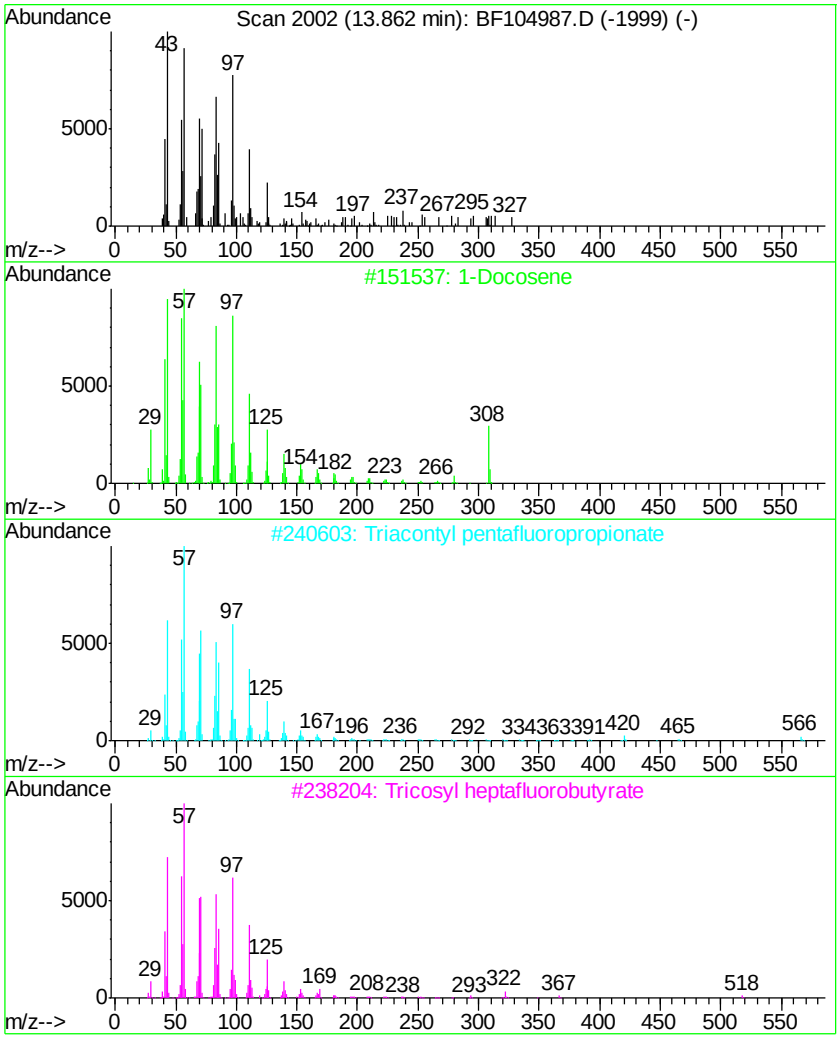
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

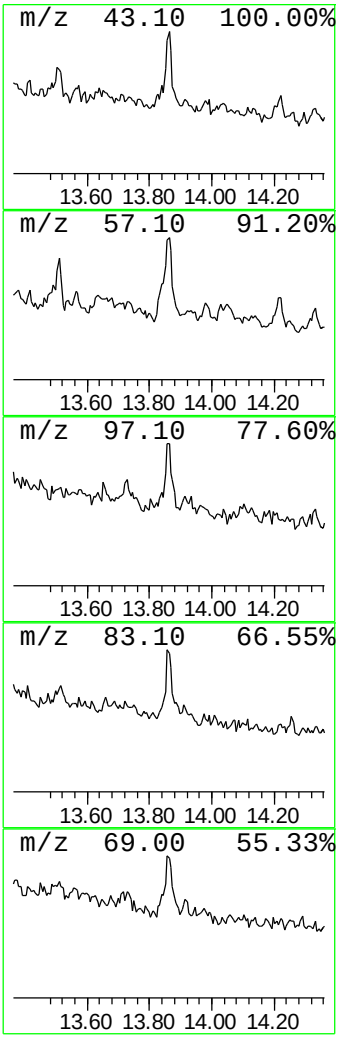
****

Peak Number 5 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	4.93 ng	163849	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	90
2	Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	86
3	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	86
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	68
5	1-Heptacosanol	396	C27H56O	002004-39-9	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104987.D
Acq On : 1 May 2018 16:48
Operator : JU/SJ
Sample : J2616-25
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONCRETE-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

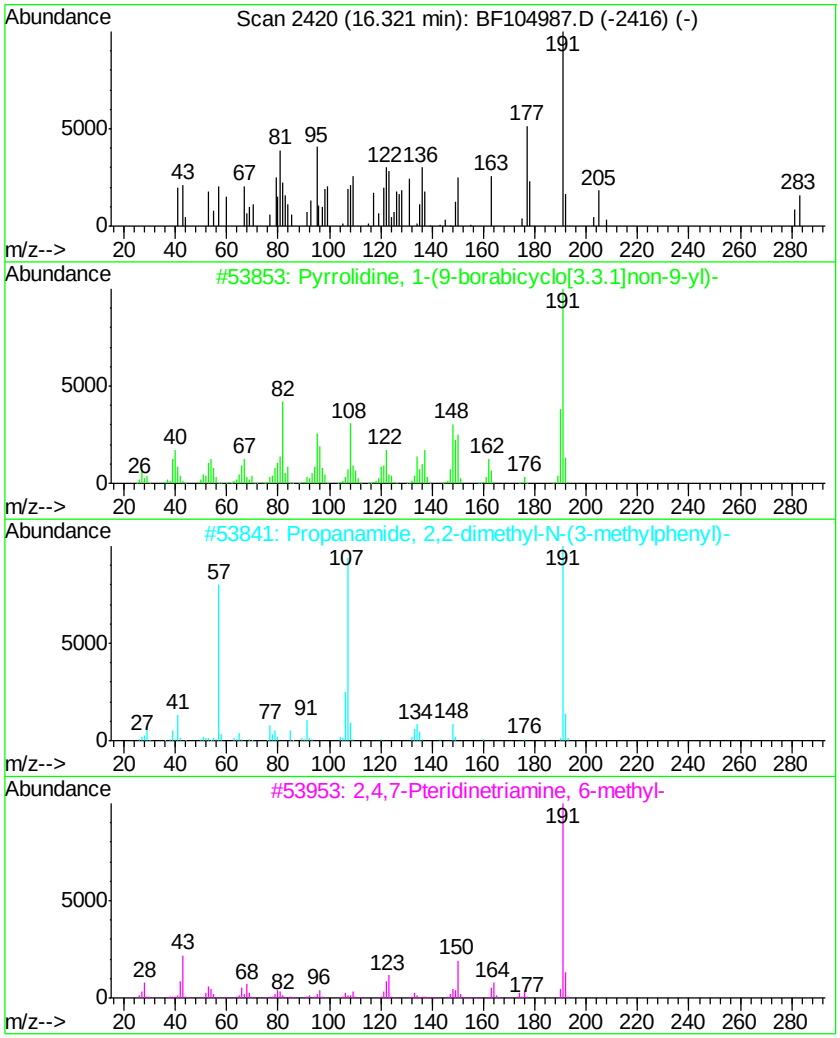
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

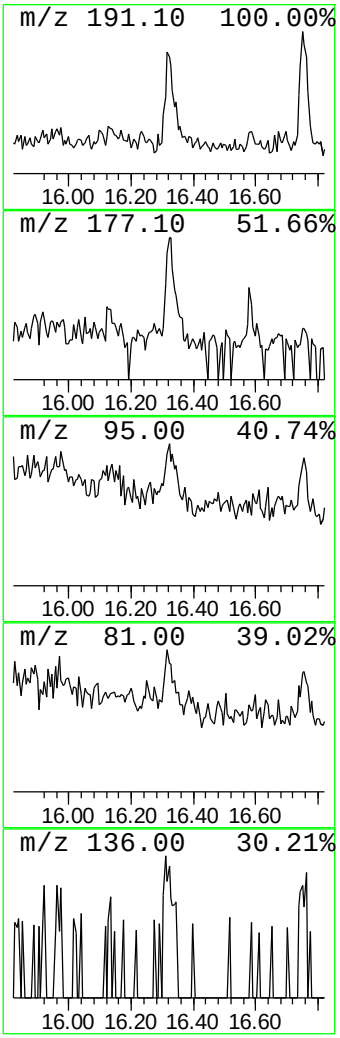
****

Peak Number 6 unknown16.32 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	2.50 ng	81858	Perylene-d12	15.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrrolidine, 1-(9-borabicyclo[3....	191	C12H22BN	022516-41-2	38
2	Propanamide, 2,2-dimethyl-N-(3-m...	191	C12H17NO	032597-29-8	25
3	2,4,7-Pteridinetriamine, 6-methyl-	191	C7H9N7	017539-50-3	22
4	2-Fluoro-5-trifluoromethylbenzoi...	418	C23H34F4O2	1000338-63-3	14
5	3-Fluoro-5-trifluoromethylbenzoi...	404	C22H32F4O2	1000338-66-6	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104987.D
Acq On : 1 May 2018 16:48
Operator : JU/SJ
Sample : J2616-25
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONCRETE-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	4.35	44.9	ng	1489370	1	6.79	663083	20.0
2-Pentanone, 4-hy...	5.02	110.9	ng	3677910	1	6.79	663083	20.0
Diethyltoluamide	10.20	3.6	ng	183410	3	9.83	1014690	20.0
1-Docosene	13.86	4.9	ng	163849	5	14.04	664193	20.0
unknown16.32	16.32	2.5	ng	81858	6	15.64	654796	20.0