LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102886.D
Acq On : 9 Feb 2018 14:05
Operator : SJ/JU
Sample : J1475-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-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-BF020318.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	2.163	8	13	20	rVB	421012	548221	14.49%	1.675%
2	5.116	512	515	524	rVB	103965	128385	3.39%	0.392%
3	5.504	576	581	585	rBV	3586812	3714822	98.15%	11.350%
4	6.516	747	753	764	rBV	3443151	3784699	100.00%	11.563%
5	6.657	772	777	780	rBV	3932701	3741239	98.85%	11.430%
6	6.886	812	816	819	rBV	1295262	1045734	27.63%	3.195%
7	7.039	838	842	846	rBV	2966455	2875434	75.98%	8.785%
8	7.445	906	911	915	rBV	2460167	2468034	65.21%	7.540%
9	7.522	920	924	934	rVB	40744	52479	1.39%	0.160%
10	8.169	1030	1034	1037	rBV	1555624	1288451	34.04%	3.937%
11	9.245	1212	1217	1220	rBV	3416743	3378027	89.25%	10.321%
12	9.316	1226	1229	1232	rVB	59651	46083	1.22%	0.141%
13	9.633	1279	1283	1286	rBV	260721	231593	6.12%	0.708%
14	9.845	1315	1319	1323	rBV	150519	116756	3.08%	0.357%
15	9.921	1329	1332	1342	rBV	1238063	1221430	32.27%	3.732%
16	10.345	1401	1404	1407	rVB	198857	155546	4.11%	0.475%
17	10.569	1436	1442	1444	rBV	54740	68185	1.80%	0.208%
18	10.716	1463	1467	1476	rVB	1697031	1664841	43.99%	5.087%
19	10.821	1482	1485	1490	rBV	187324	190291	5.03%	0.581%
20	11.268	1558	1561	1563	rBV	148491	113700	3.00%	0.347%
21	11.298	1563	1566	1571	rVB2	44149	48728	1.29%	0.149%
22	11.416	1582	1586	1589	rBV	1029430	976231	25.79%	2.983%
23	11.692	1631	1633	1636	rBV	55770	46568	1.23%	0.142%
24	12.998	1851	1855	1858	rBV	2642141	2320192	61.30%	7.089%
25	13.880	2002	2005	2016	rBV	265856	294657	7.79%	0.900%
26	14.051	2030	2034	2038	rBV	924798	937741	24.78%	2.865%
27	14.804	2159	2162	2167	rBV4	53538	85695	2.26%	0.262%
28	14.898	2175	2178	2182	rVB	96875	99513	2.63%	0.304%
29	15.539	2282	2287	2299	rBV	661230	927660	24.51%	2.834%
30	17.215	2567	2572	2580	rVB9	78835	159471	4.21%	0.487%

Sum of corrected areas: 32730406

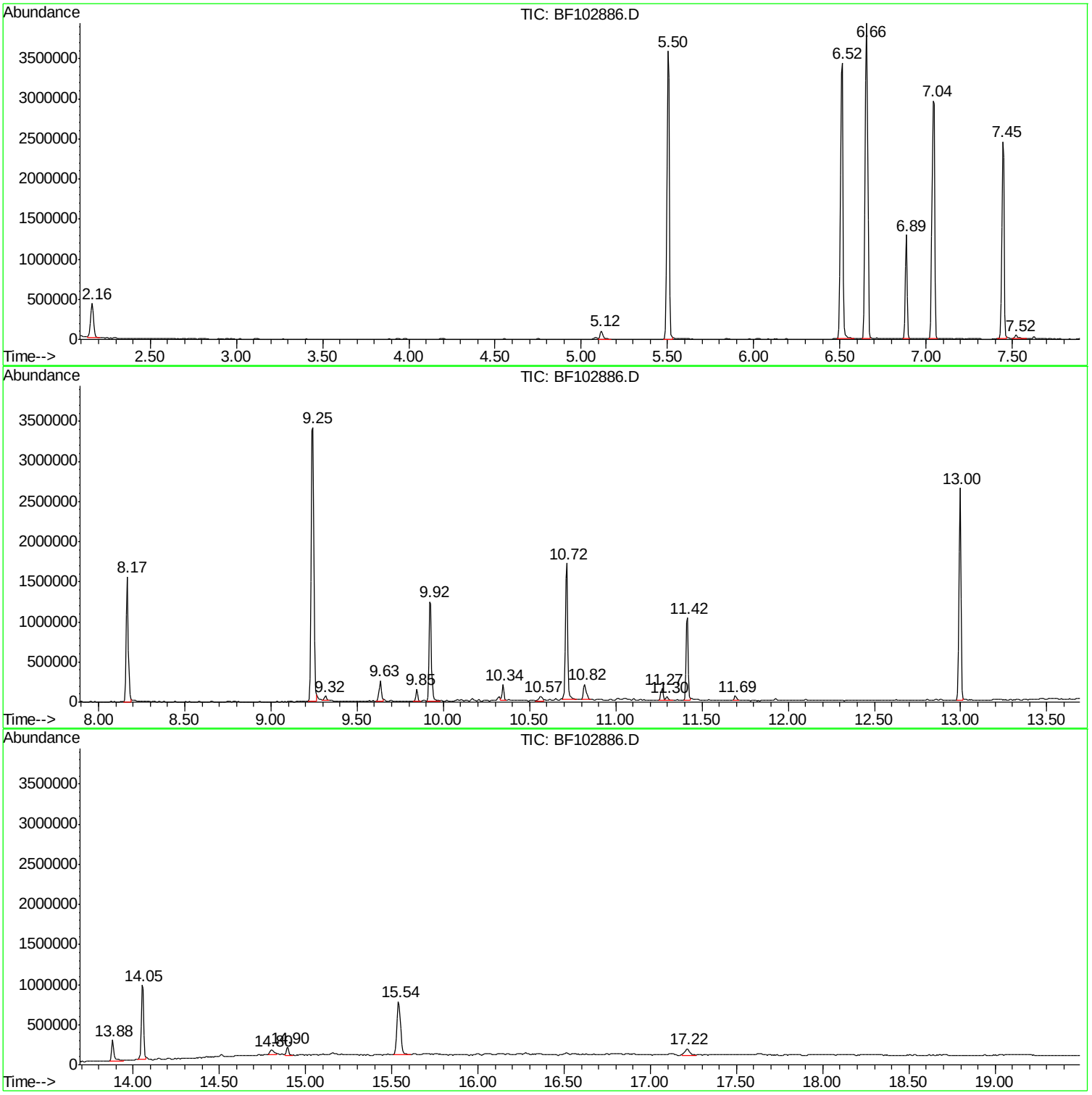
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102886.D
Acq On : 9 Feb 2018 14:05
Operator : SJ/JU
Sample : J1475-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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\BF020918\
Data File : BF102886.D
Acq On : 9 Feb 2018 14:05
Operator : SJ/JU
Sample : J1475-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

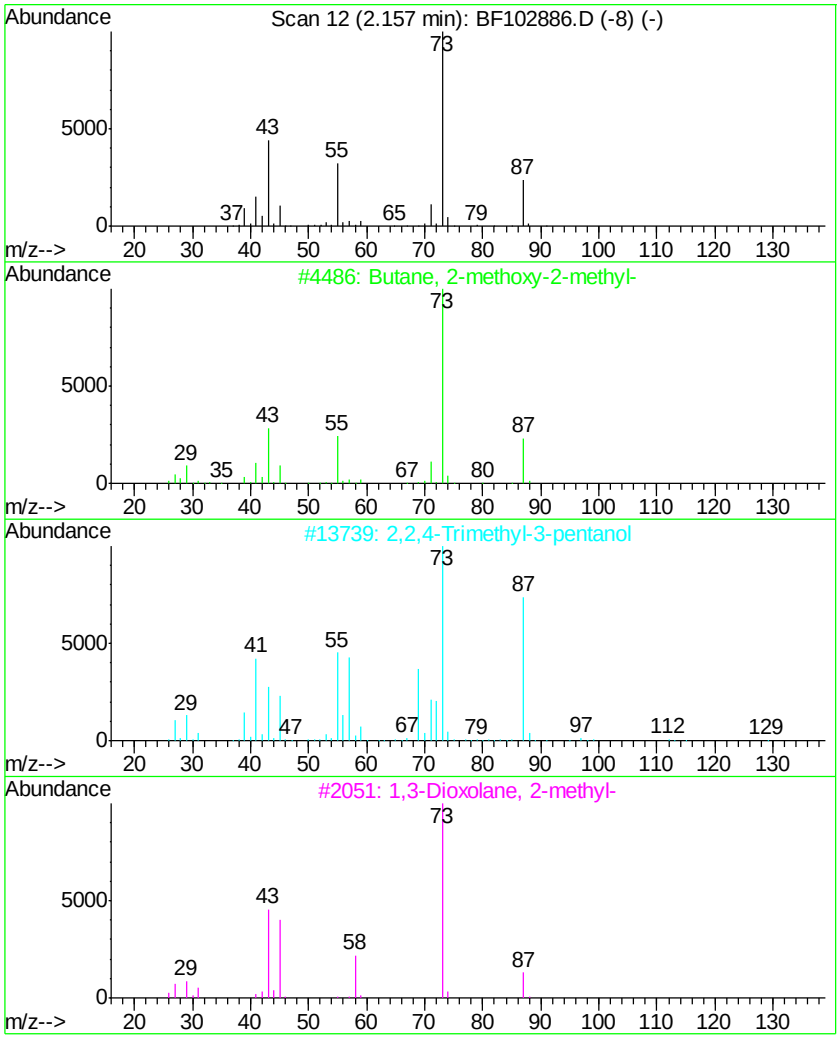
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

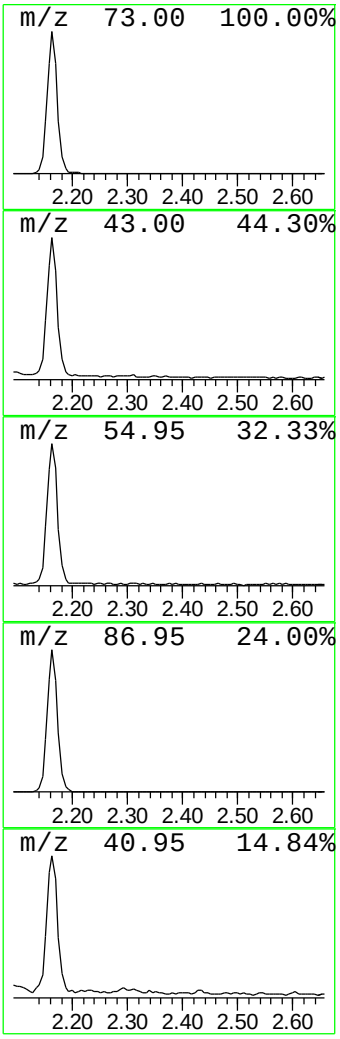
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	10.48 ng	548221	1,4-Dichlorobenzene-d4	6.89

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	25
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102886.D
Acq On : 9 Feb 2018 14:05
Operator : SJ/JU
Sample : J1475-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

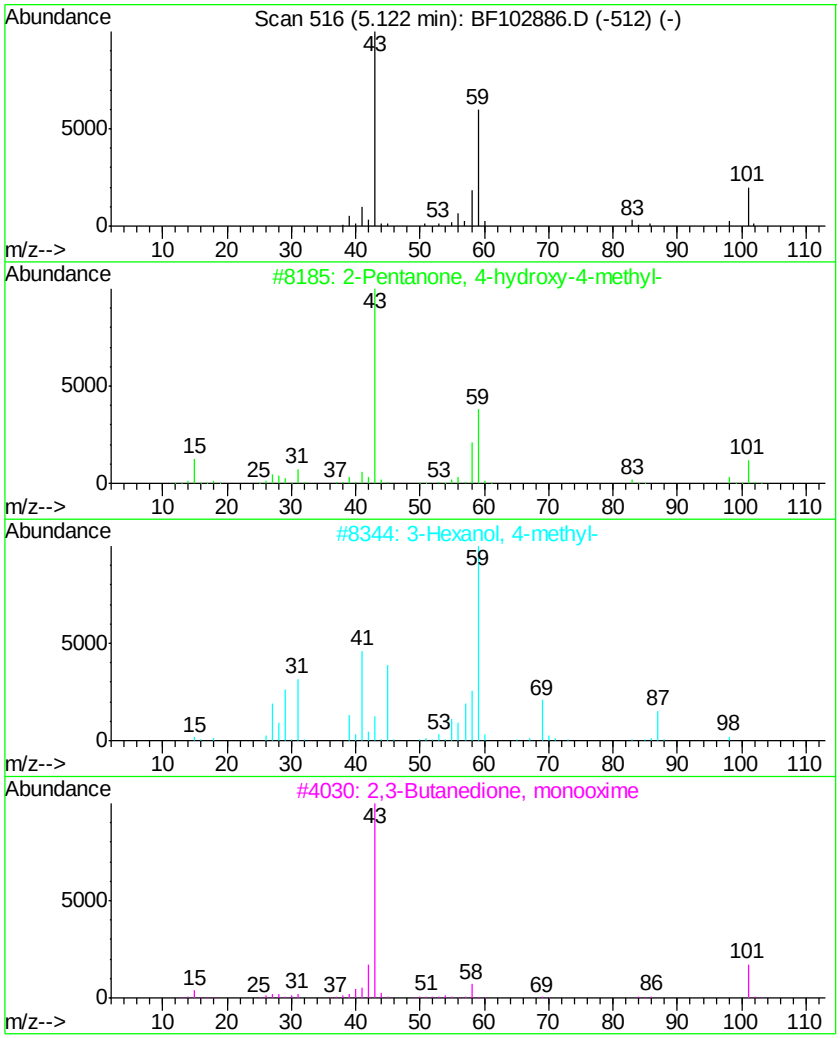
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

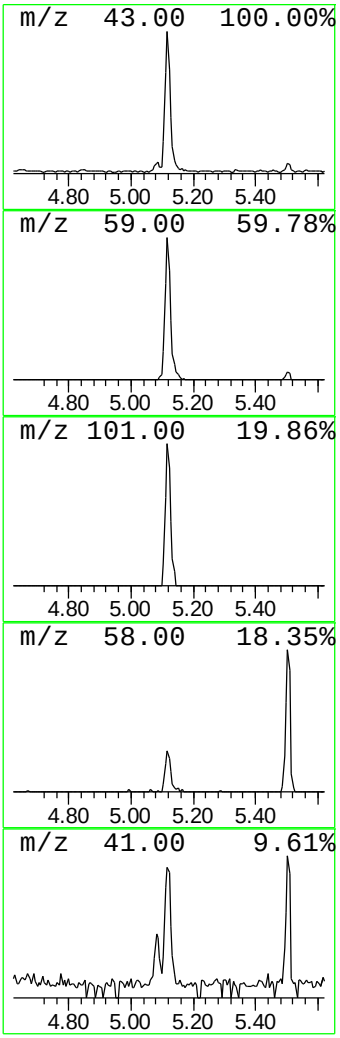
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	2.46 ng	128385	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102886.D
Acq On : 9 Feb 2018 14:05
Operator : SJ/JU
Sample : J1475-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

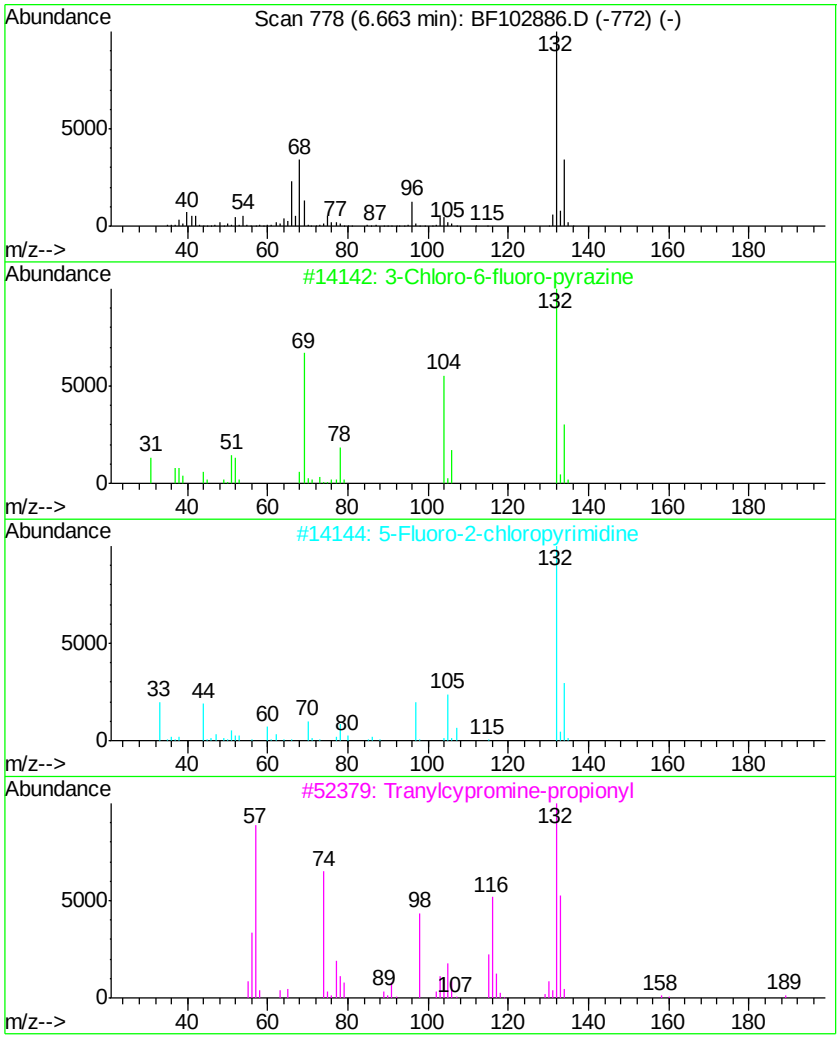
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

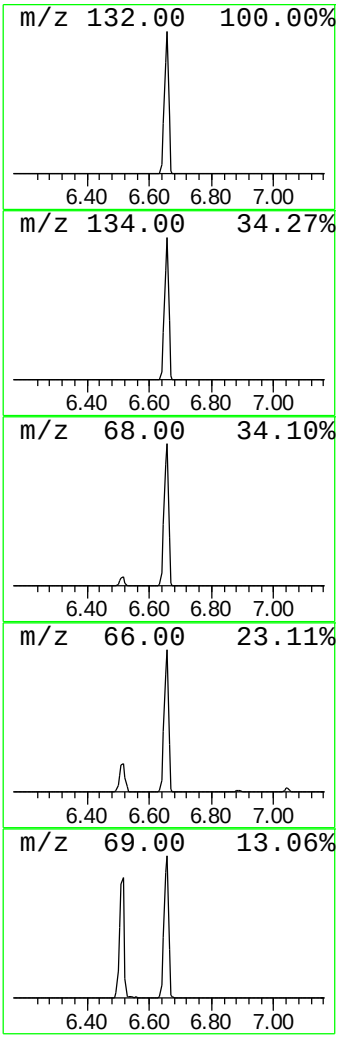
****

Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	71.55 ng	3741240	1,4-Dichlorobenzene-d4	6.89

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	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102886.D
Acq On : 9 Feb 2018 14:05
Operator : SJ/JU
Sample : J1475-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

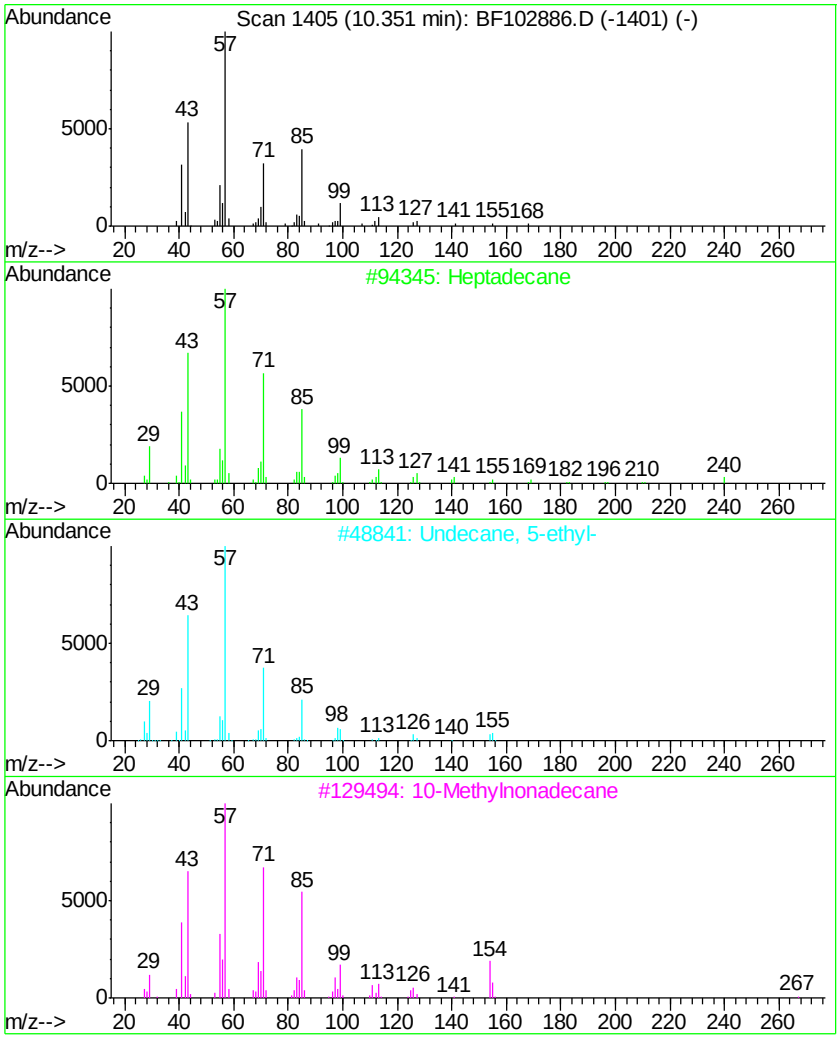
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

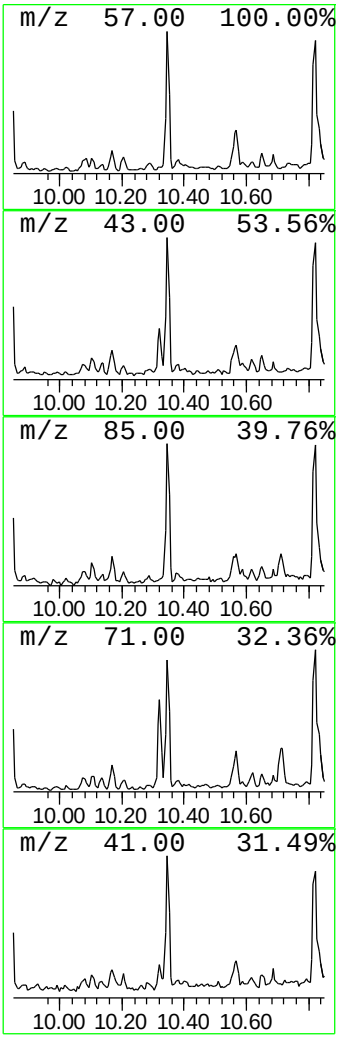
****

Peak Number 5 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	2.55 ng	155546	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	83
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
3	10-Methylnonadecane	282	C20H42	056862-62-5	72
4	Octadecane	254	C18H38	000593-45-3	72
5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102886.D
Acq On : 9 Feb 2018 14:05
Operator : SJ/JU
Sample : J1475-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

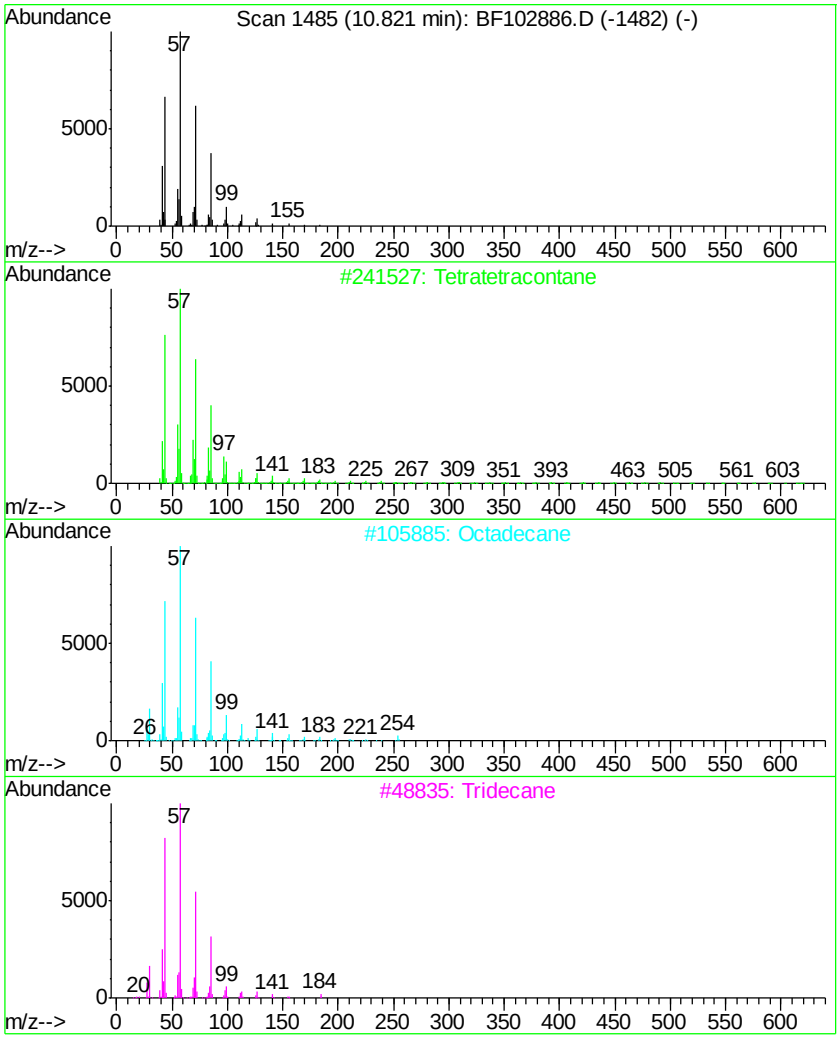
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

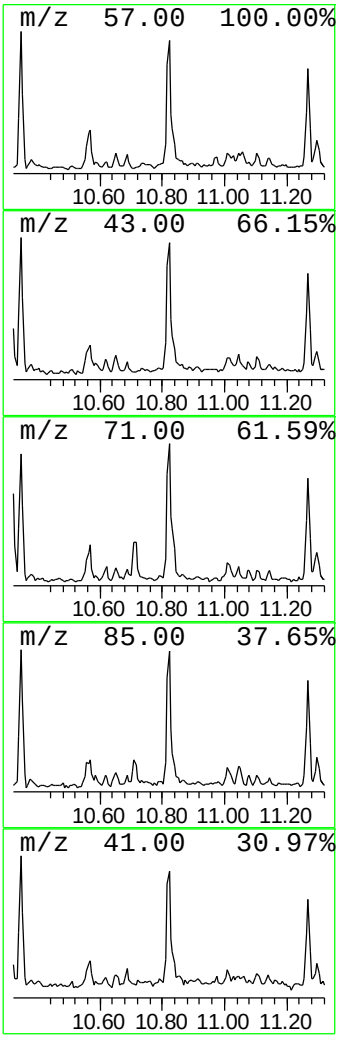
****

Peak Number 6 Tetratetracontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	3.90 ng	190291	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	90
2	Octadecane	254	C18H38	000593-45-3	86
3	Tridecane	184	C13H28	000629-50-5	83
4	Hexadecane	226	C16H34	000544-76-3	83
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102886.D
Acq On : 9 Feb 2018 14:05
Operator : SJ/JU
Sample : J1475-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

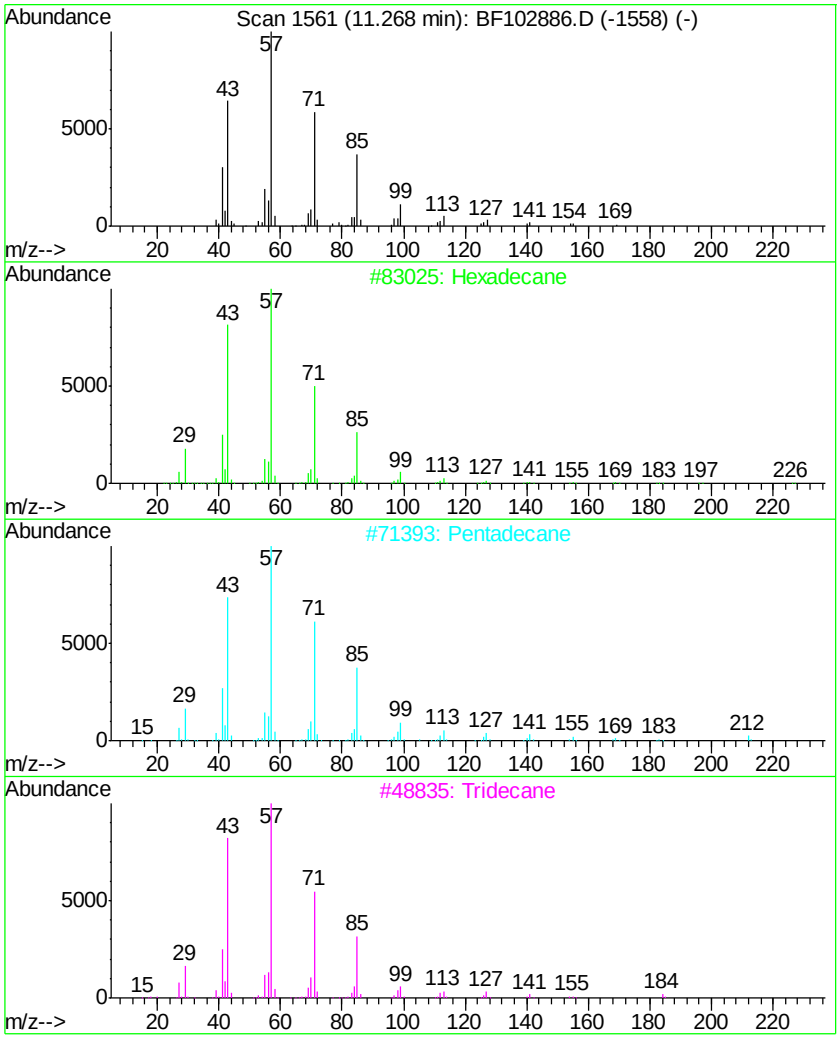
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

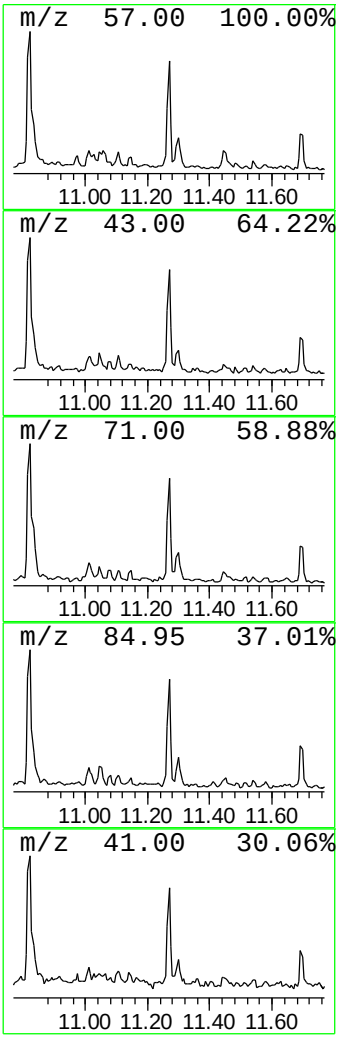
****

Peak Number 7 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	2.33 ng	113700	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Pentadecane	212	C15H32	000629-62-9	86
3	Tridecane	184	C13H28	000629-50-5	86
4	Octadecane	254	C18H38	000593-45-3	83
5	Heneicosane	296	C21H44	000629-94-7	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102886.D
Acq On : 9 Feb 2018 14:05
Operator : SJ/JU
Sample : J1475-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

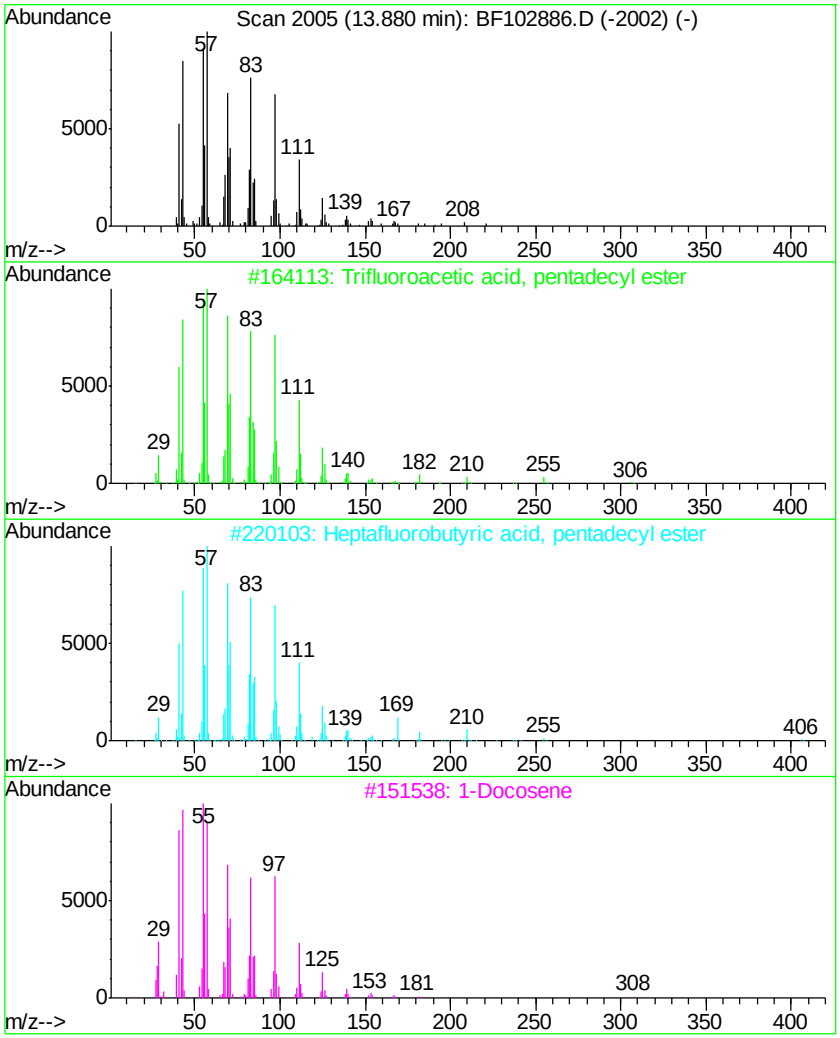
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

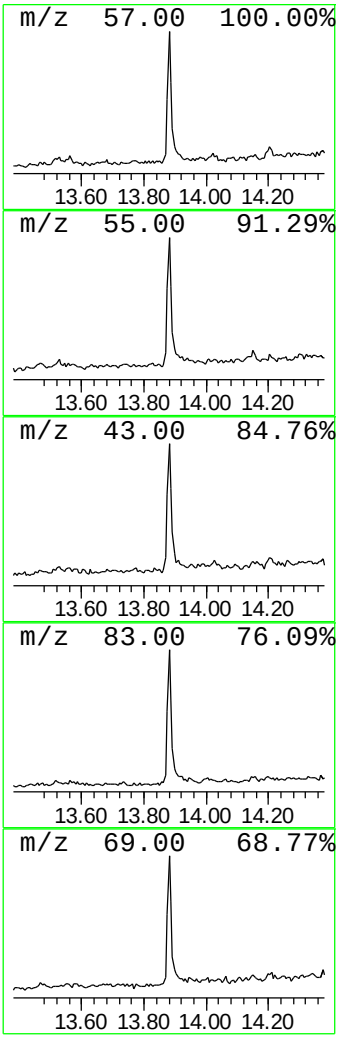
****

Peak Number 8 Trifluoroacetic acid, penta... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	6.28 ng	294657	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	1-Docosene	308	C22H44	001599-67-3	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102886.D
Acq On : 9 Feb 2018 14:05
Operator : SJ/JU
Sample : J1475-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

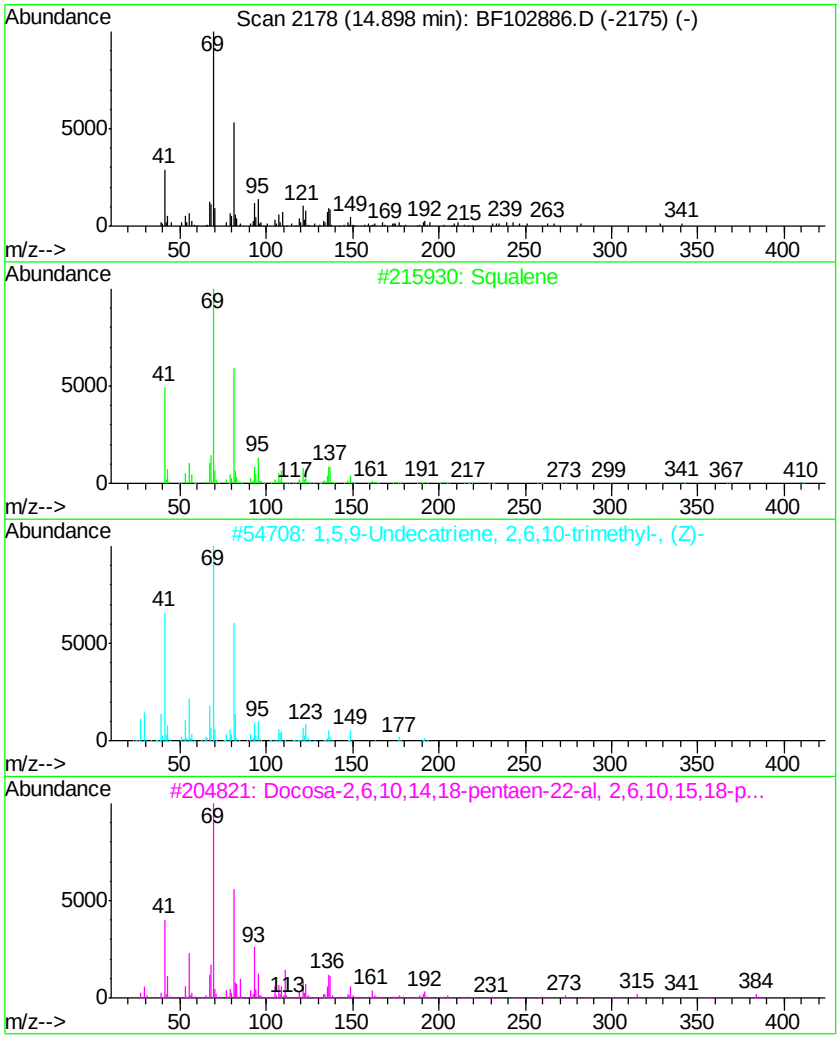
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

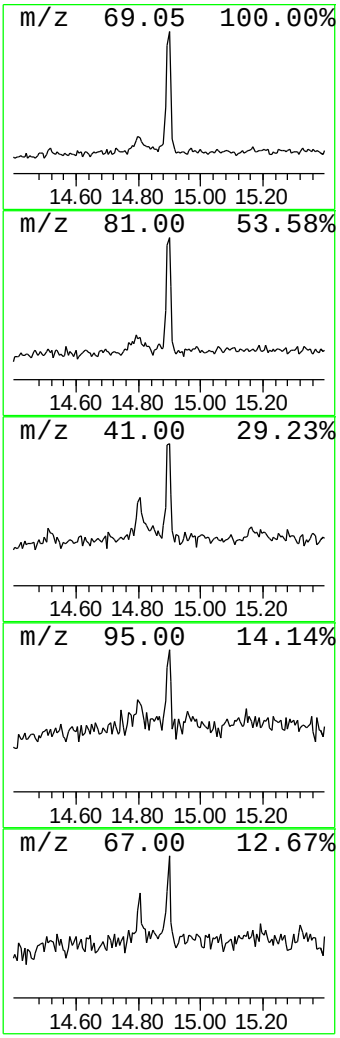
****

Peak Number 9 Squalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	2.15 ng	99513	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	87
2	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	87
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	83
4	Supraene	410	C30H50	007683-64-9	83
5	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102886.D
Acq On : 9 Feb 2018 14:05
Operator : SJ/JU
Sample : J1475-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

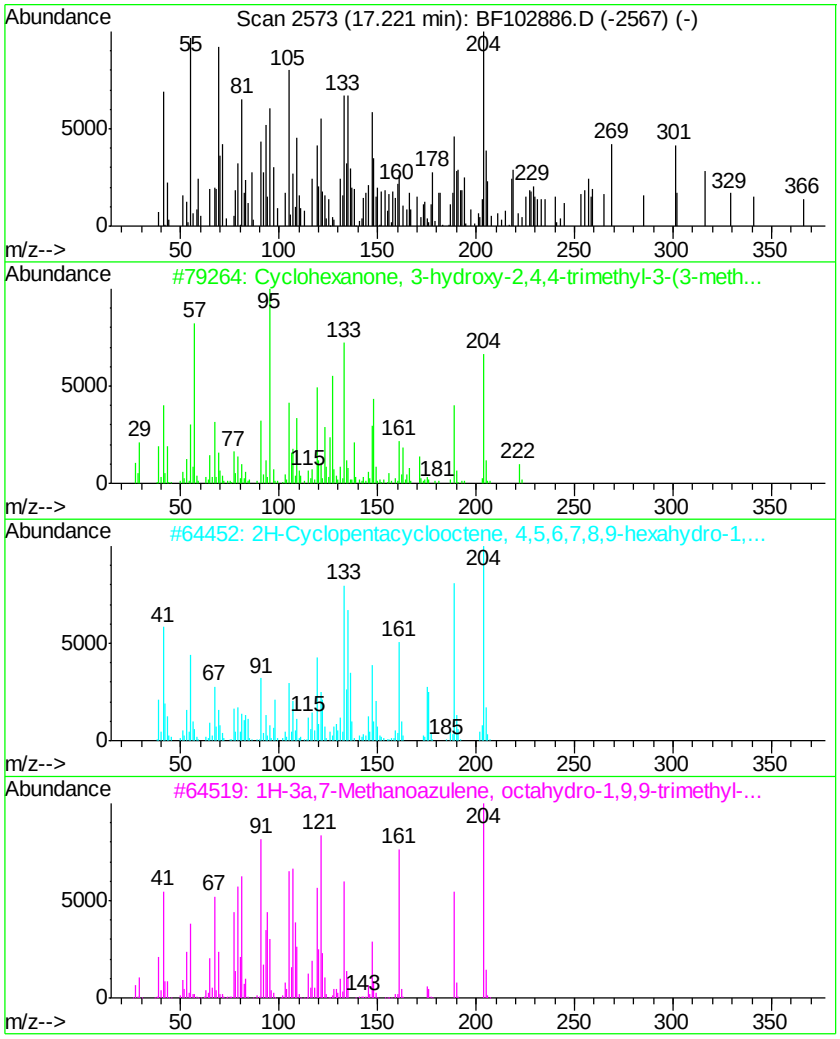
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

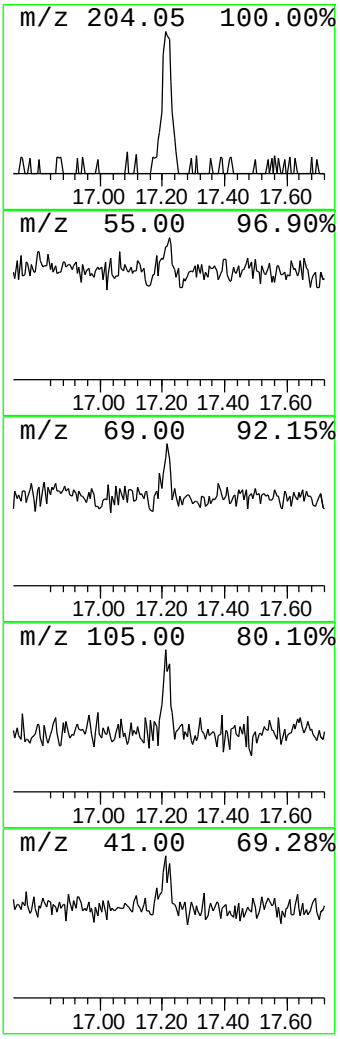
****

Peak Number 10 Cyclohexanone, 3-hydroxy-2,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	3.44 ng	159471	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3-hydroxy-2,4,4-t...	222	C14H22O2	088764-84-5	70
2	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	49
3	1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	42
4	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	42
5	Guaia-3,9-diene	204	C15H24	000489-83-8	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020918\
Data File : BF102886.D
Acq On : 9 Feb 2018 14:05
Operator : SJ/JU
Sample : J1475-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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
Butane, 2-methoxy...	2.16	10.5	ng	548221	1	6.89	1045730	20.0
2-Pentanone, 4-hy...	5.12	2.5	ng	128385	1	6.89	1045730	20.0
unknown6.66	6.66	71.5	ng	3741240	1	6.89	1045730	20.0
Heptadecane	10.35	2.5	ng	155546	3	9.92	1221430	20.0
Tetratetracontane	10.82	3.9	ng	190291	4	11.42	976231	20.0
Hexadecane	11.27	2.3	ng	113700	4	11.42	976231	20.0
Trifluoroacetic a...	13.88	6.3	ng	294657	5	14.05	937741	20.0
Squalene	14.90	2.1	ng	99513	6	15.54	927660	20.0
Cyclohexanone, 3-...	17.22	3.4	ng	159471	6	15.54	927660	20.0