LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102901.D
Acq On : 9 Feb 2018 20:53
Operator : SJ/JU
Sample : J1506-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-20(2-4)

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	2.157	7	12	23	rVB	412377	572465	12.32%	1.531%
2	5.116	512	515	526	rVB	197822	251932	5.42%	0.674%
3	5.504	576	581	585	rBV	4232204	4646535	100.00%	12.424%
4	6.516	747	753	756	rBV	4080805	4425559	95.24%	11.833%
5	6.657	772	777	780	rBV	4490564	4417906	95.08%	11.813%
6	6.886	812	816	819	rBV	1250559	1069092	23.01%	2.859%
7	7.039	838	842	846	rBV	3476397	3379040	72.72%	9.035%
8	7.445	906	911	915	rBV	2834781	2979498	64.12%	7.967%
9	8.169	1030	1034	1037	rBV	1452317	1307065	28.13%	3.495%
10	9.245	1212	1217	1220	rBV	4009065	3930246	84.58%	10.509%
11	9.316	1226	1229	1232	rVB	67374	51971	1.12%	0.139%
12	9.633	1279	1283	1286	rBV	406765	358825	7.72%	0.959%
13	9.845	1315	1319	1322	rBV	181390	139782	3.01%	0.374%
14	9.922	1328	1332	1340	rBV	1347799	1213229	26.11%	3.244%
15	10.345	1401	1404	1407	rVB	204143	152361	3.28%	0.407%
16	10.563	1436	1441	1444	rBV	45077	58654	1.26%	0.157%
17	10.710	1463	1466	1477	rVV	1921594	2021844	43.51%	5.406%
18	10.816	1481	1484	1494	rVB	145635	161407	3.47%	0.432%
19	11.269	1557	1561	1563	rBV	59567	53422	1.15%	0.143%
20	11.410	1581	1585	1589	rBV	1078895	942515	20.28%	2.520%
21	12.998	1850	1855	1858	rBV	3011171	2761094	59.42%	7.383%
22	13.880	2001	2005	2016	rBV	442952	457722	9.85%	1.224%
23	14.051	2030	2034	2038	rBV	1001312	938426	20.20%	2.509%
24	14.515	2109	2113	2118	rBV4	33480	48061	1.03%	0.129%
25	15.539	2281	2287	2297	rBV	694788	932563	20.07%	2.493%
26	16.051	2369	2374	2380	rBV4	40542	79056	1.70%	0.211%
27	16.509	2448	2452	2457	rBV3	27031	49520	1.07%	0.132%

Sum of corrected areas: 37399790

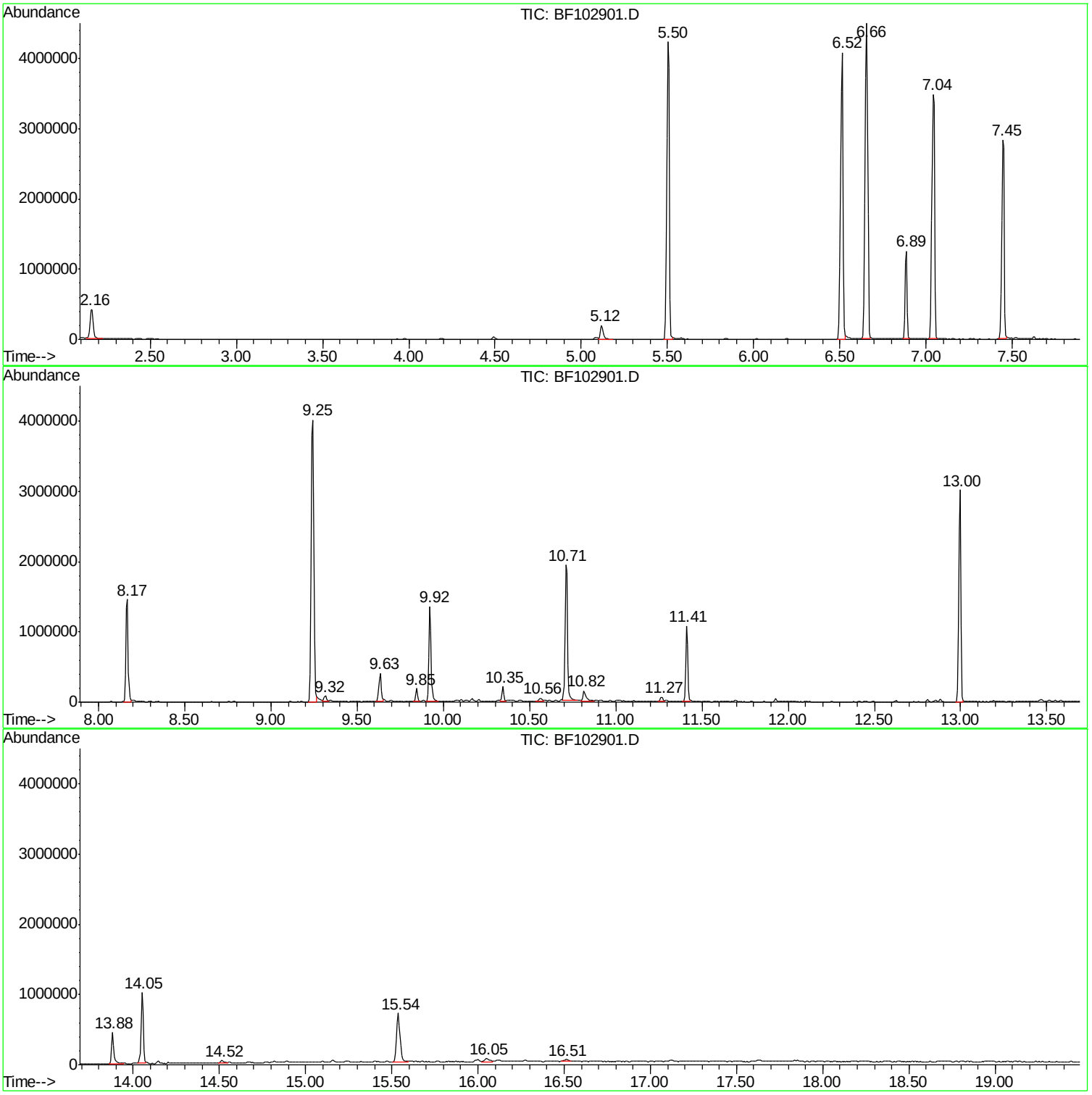
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102901.D
Acq On : 9 Feb 2018 20:53
Operator : SJ/JU
Sample : J1506-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-20(2-4)

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 : BF102901.D
Acq On : 9 Feb 2018 20:53
Operator : SJ/JU
Sample : J1506-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-20(2-4)

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

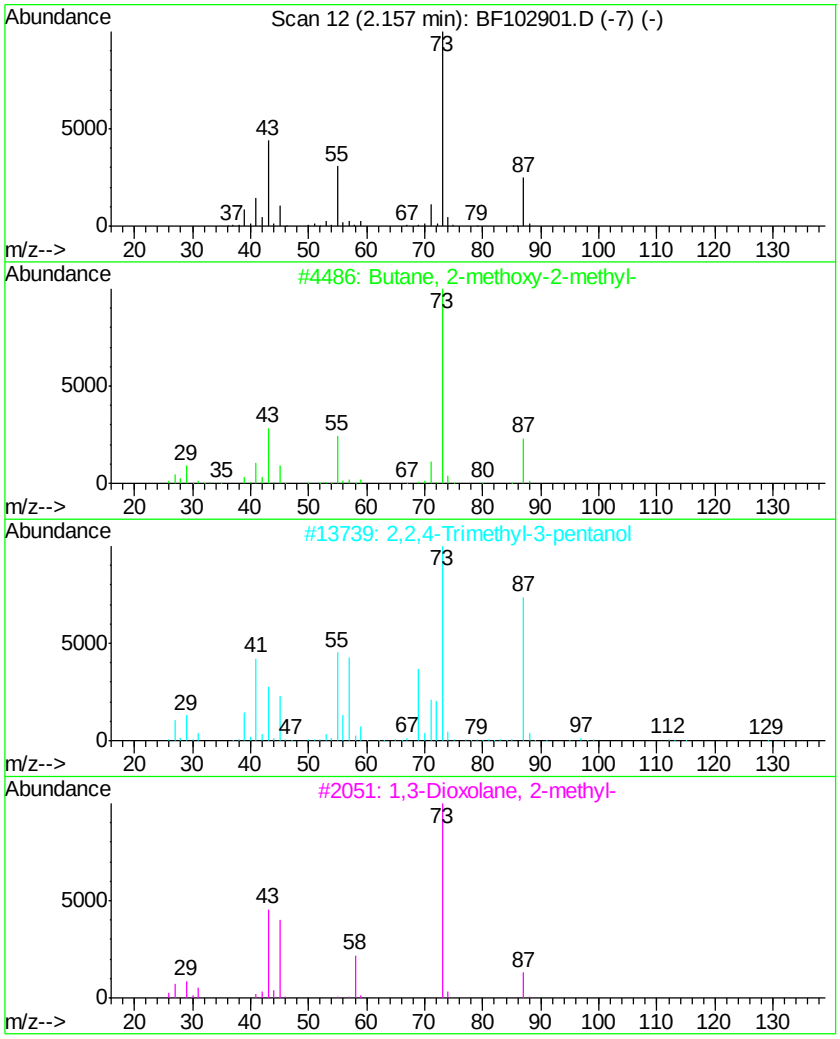
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

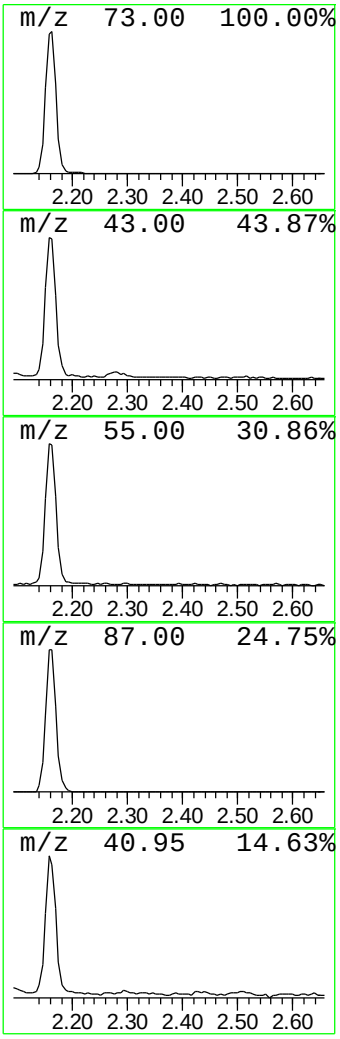
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	10.71 ng	572465	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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102901.D
Acq On : 9 Feb 2018 20:53
Operator : SJ/JU
Sample : J1506-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-20(2-4)

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

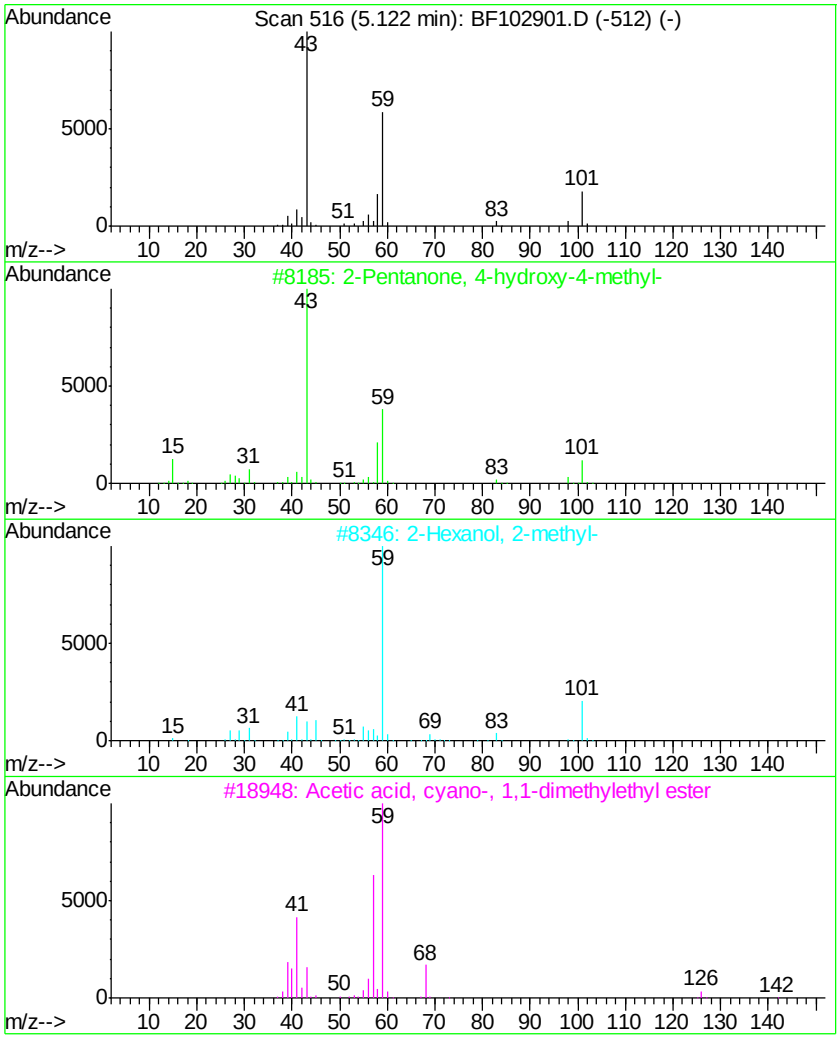
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

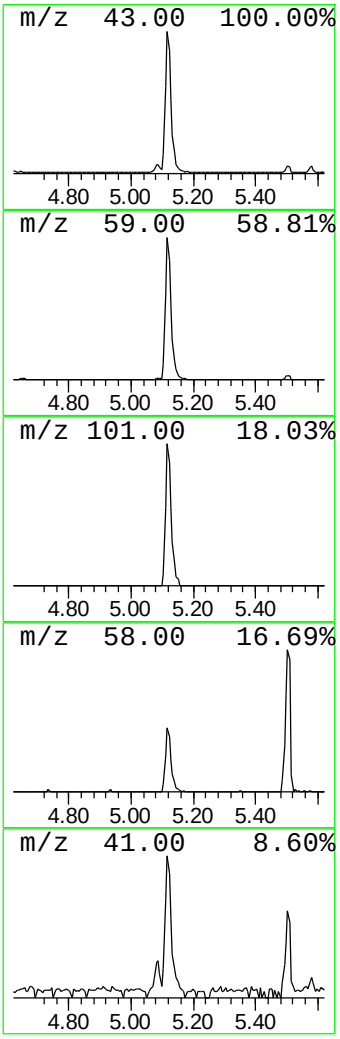
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	4.71 ng	251932	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	64
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102901.D
Acq On : 9 Feb 2018 20:53
Operator : SJ/JU
Sample : J1506-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-20(2-4)

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

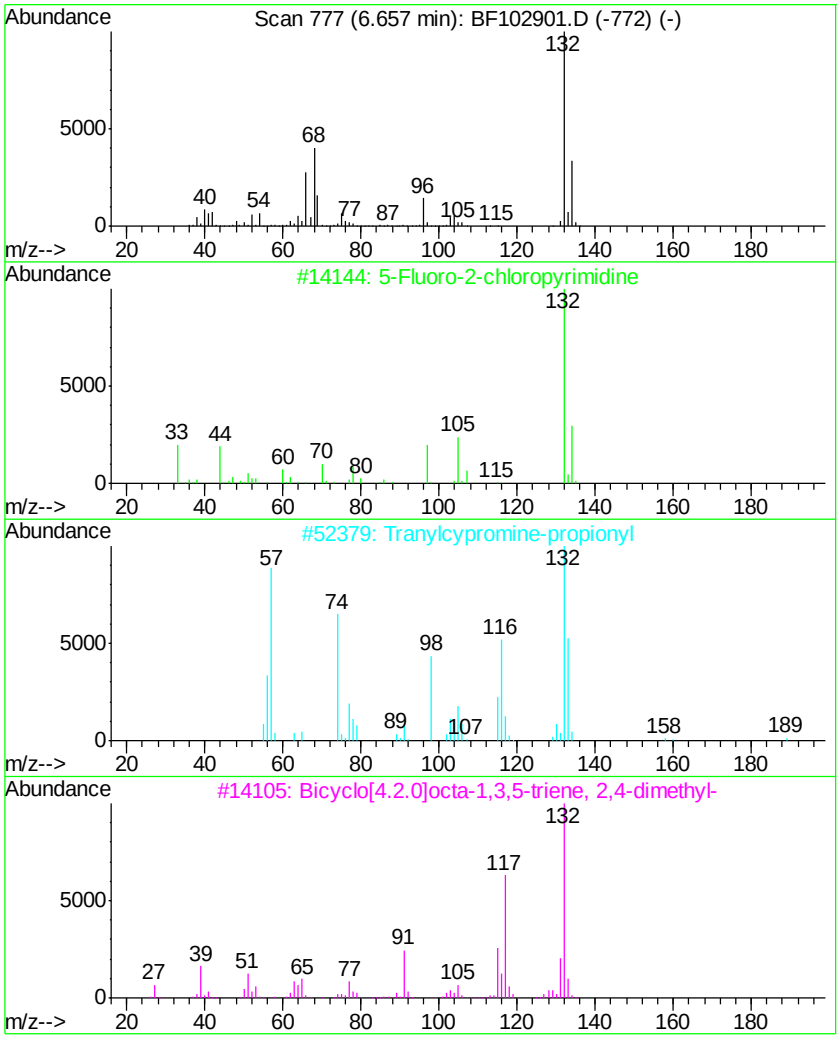
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

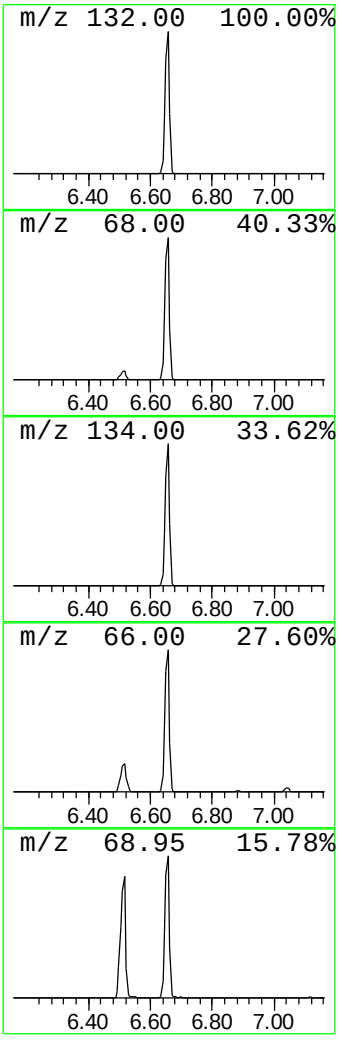
****

Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	82.65 ng	4417910	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102901.D
Acq On : 9 Feb 2018 20:53
Operator : SJ/JU
Sample : J1506-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-20(2-4)

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

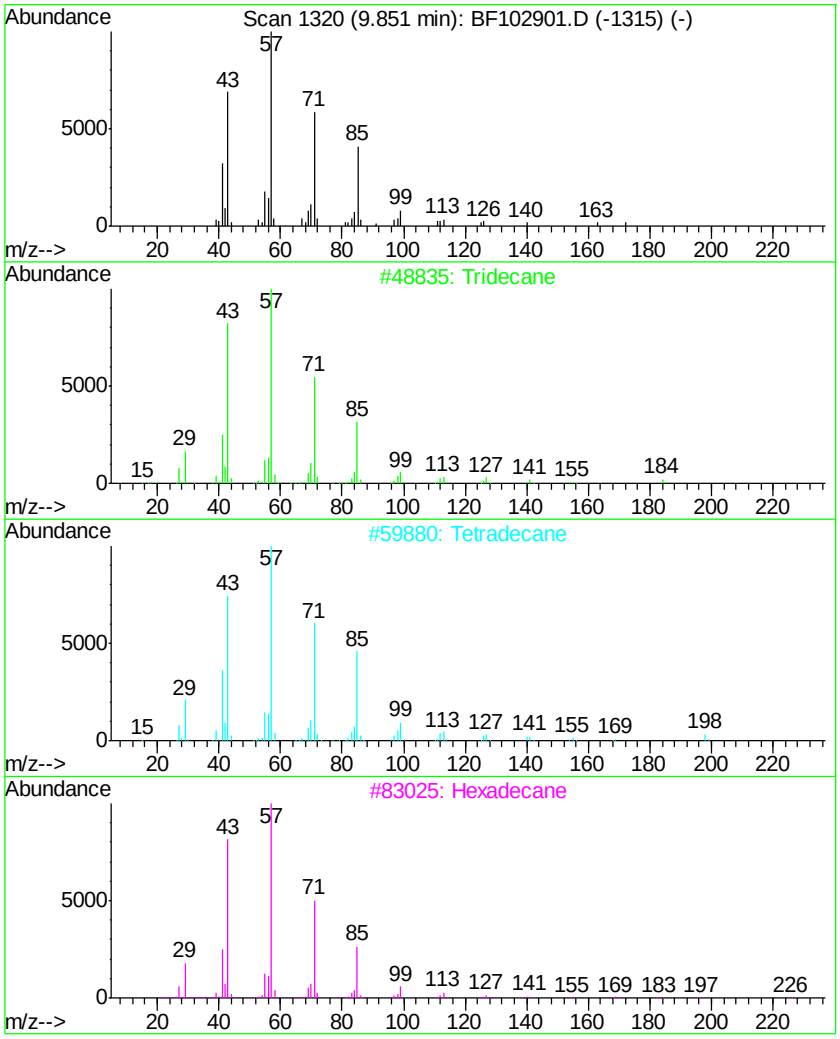
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

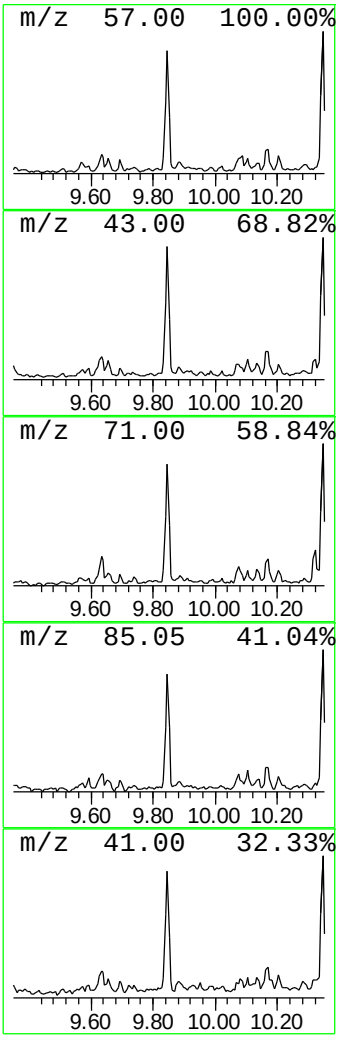
****

Peak Number 5 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	2.30 ng	139782	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tetradecane	198	C14H30	000629-59-4	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Pentadecane	212	C15H32	000629-62-9	83
5	Undecane	156	C11H24	001120-21-4	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102901.D
Acq On : 9 Feb 2018 20:53
Operator : SJ/JU
Sample : J1506-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-20(2-4)

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

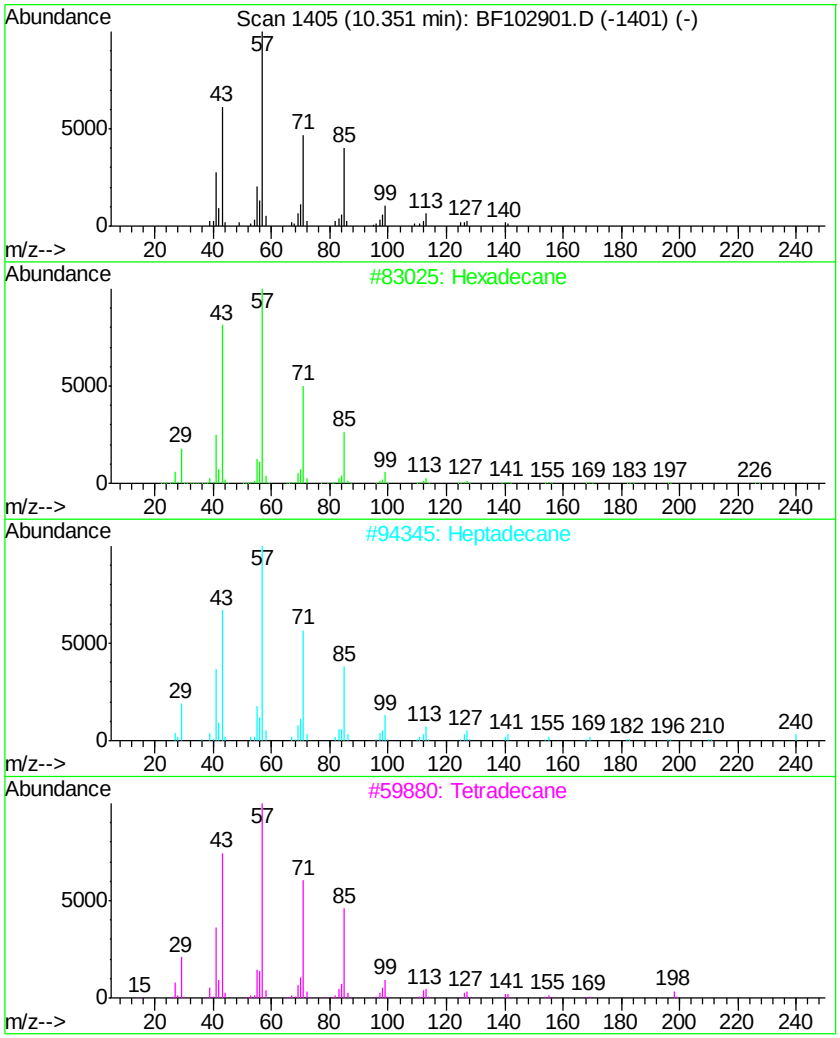
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

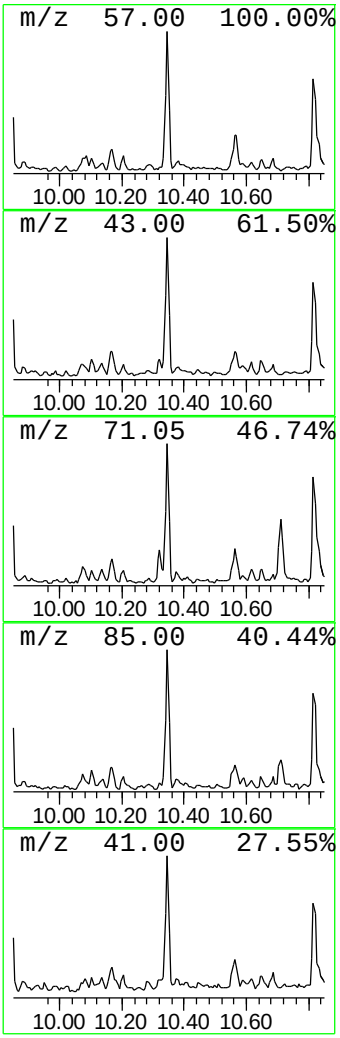
****

Peak Number 6 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	2.51 ng	152361	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Tetradecane	198	C14H30	000629-59-4	86
4	Tridecane	184	C13H28	000629-50-5	83
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102901.D
Acq On : 9 Feb 2018 20:53
Operator : SJ/JU
Sample : J1506-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-20(2-4)

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

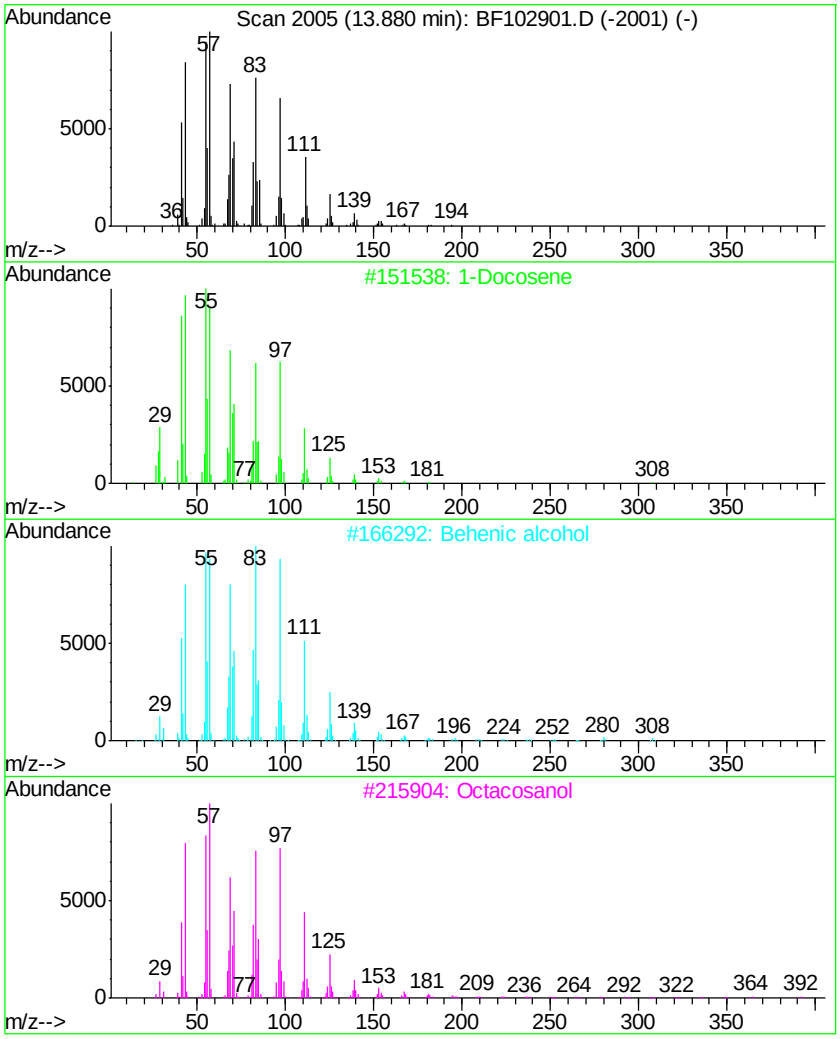
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

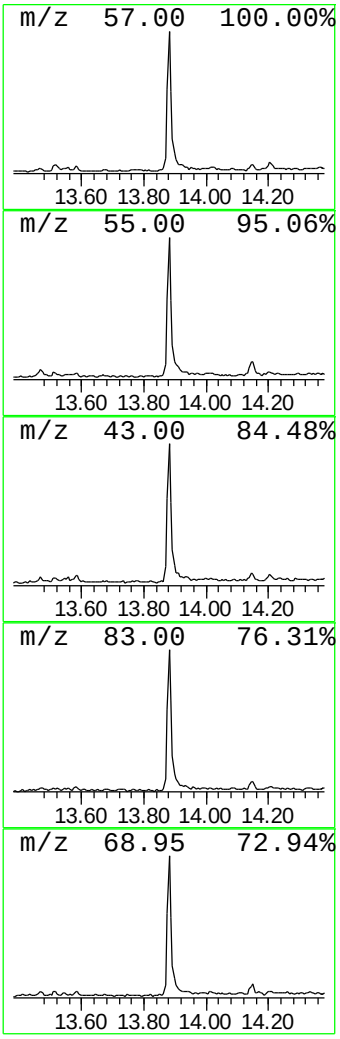
****

Peak Number 8 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	9.76 ng	457722	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	Octacosanol	410	C28H58O	000557-61-9	91
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020918\
Data File : BF102901.D
Acq On : 9 Feb 2018 20:53
Operator : SJ/JU
Sample : J1506-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-20(2-4)

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	10.7	ng	572465	1	6.89	1069090	20.0
2-Pentanone, 4-hy...	5.12	4.7	ng	251932	1	6.89	1069090	20.0
unknown6.66	6.66	82.7	ng	4417910	1	6.89	1069090	20.0
Tridecane	9.85	2.3	ng	139782	3	9.92	1213230	20.0
Hexadecane	10.35	2.5	ng	152361	3	9.92	1213230	20.0
1-Docosene	13.88	9.8	ng	457722	5	14.05	938426	20.0