LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103713.D
Acq On : 16 Mar 2018 22:53
Operator : JU/SJ
Sample : J1938-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-1

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-BF031518.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	2.316	34	39	46	rVB	145715	191730	5.18%	0.541%
2	2.687	82	102	110	rBV3	60102	469729	12.70%	1.325%
3	5.216	528	532	540	rVB	87596	111165	3.01%	0.314%
4	5.598	591	597	600	rBV	3358538	3553951	96.08%	10.024%
5	5.922	648	652	658	rBV	253132	234812	6.35%	0.662%
6	6.592	760	766	769	rBV	3232326	3698887	100.00%	10.433%
7	6.739	786	791	794	rBV	3568849	3618184	97.82%	10.205%
8	6.969	827	830	834	rBV	1323792	1091735	29.52%	3.079%
9	7.128	853	857	860	rBV	3197669	2790901	75.45%	7.872%
10	7.534	920	926	929	rBV	2464071	2281667	61.69%	6.435%
11	8.251	1044	1048	1052	rBV	1713107	1478022	39.96%	4.169%
12	9.328	1226	1231	1234	rBV	4132535	3681697	99.54%	10.384%
13	9.392	1239	1242	1245	rBV	52795	46963	1.27%	0.132%
14	9.716	1293	1297	1299	rBV	422915	322322	8.71%	0.909%
15	9.869	1319	1323	1327	rBV	53074	50137	1.36%	0.141%
16	9.928	1329	1333	1336	rVV	156033	118498	3.20%	0.334%
17	10.010	1343	1347	1351	rBV2	1754508	1503985	40.66%	4.242%
18	10.428	1415	1418	1421	rVB	174812	128683	3.48%	0.363%
19	10.645	1449	1455	1458	rBV	44140	60874	1.65%	0.172%
20	10.804	1477	1482	1485	rVB	2007193	1941242	52.48%	5.475%
21	10.904	1496	1499	1508	rVB	124719	150912	4.08%	0.426%
22	11.057	1521	1525	1528	rVB	43459	41373	1.12%	0.117%
23	11.351	1572	1575	1577	rBV	80284	59115	1.60%	0.167%
24	11.504	1597	1601	1603	rBV	1488237	1223985	33.09%	3.452%
25	11.527	1603	1605	1610	rVB2	104749	90388	2.44%	0.255%
26	12.010	1683	1687	1689	rBV2	154502	143798	3.89%	0.406%
27	12.116	1702	1705	1708	rBV3	44846	50946	1.38%	0.144%
28	12.551	1776	1779	1782	rBV	41749	44118	1.19%	0.124%
29	12.716	1804	1807	1811	rBV	303361	288798	7.81%	0.815%
30	12.951	1840	1847	1852	rBV	337135	341201	9.22%	0.962%
31	13.092	1866	1871	1874	rBV	2501160	2447523	66.17%	6.903%
32	13.163	1880	1883	1887	rBV3	39572	58386	1.58%	0.165%
33	13.274	1900	1902	1905	rVB	50602	46840	1.27%	0.132%
34	13.380	1916	1920	1923	rBV2	54120	69763	1.89%	0.197%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103713.D
Acq On : 16 Mar 2018 22:53
Operator : JU/SJ
Sample : J1938-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-1

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-BF031518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.504	1939	1941	1944	rBV2	37719	39609	1.07%	0.112%
36	13.968	2018	2020	2026	rVB4	143924	165102	4.46%	0.466%
37	14.151	2047	2051	2054	rBV2	1098722	1175712	31.79%	3.316%
38	14.174	2054	2055	2063	rVB	204780	196215	5.30%	0.553%
39	15.227	2231	2234	2238	rBV	176087	259728	7.02%	0.733%
40	15.551	2286	2289	2296	rVB	116444	142093	3.84%	0.401%
41	15.615	2297	2300	2307	rVB	161576	212491	5.74%	0.599%
42	15.686	2307	2312	2316	rBV	630286	831294	22.47%	2.345%

Sum of corrected areas: 35454574

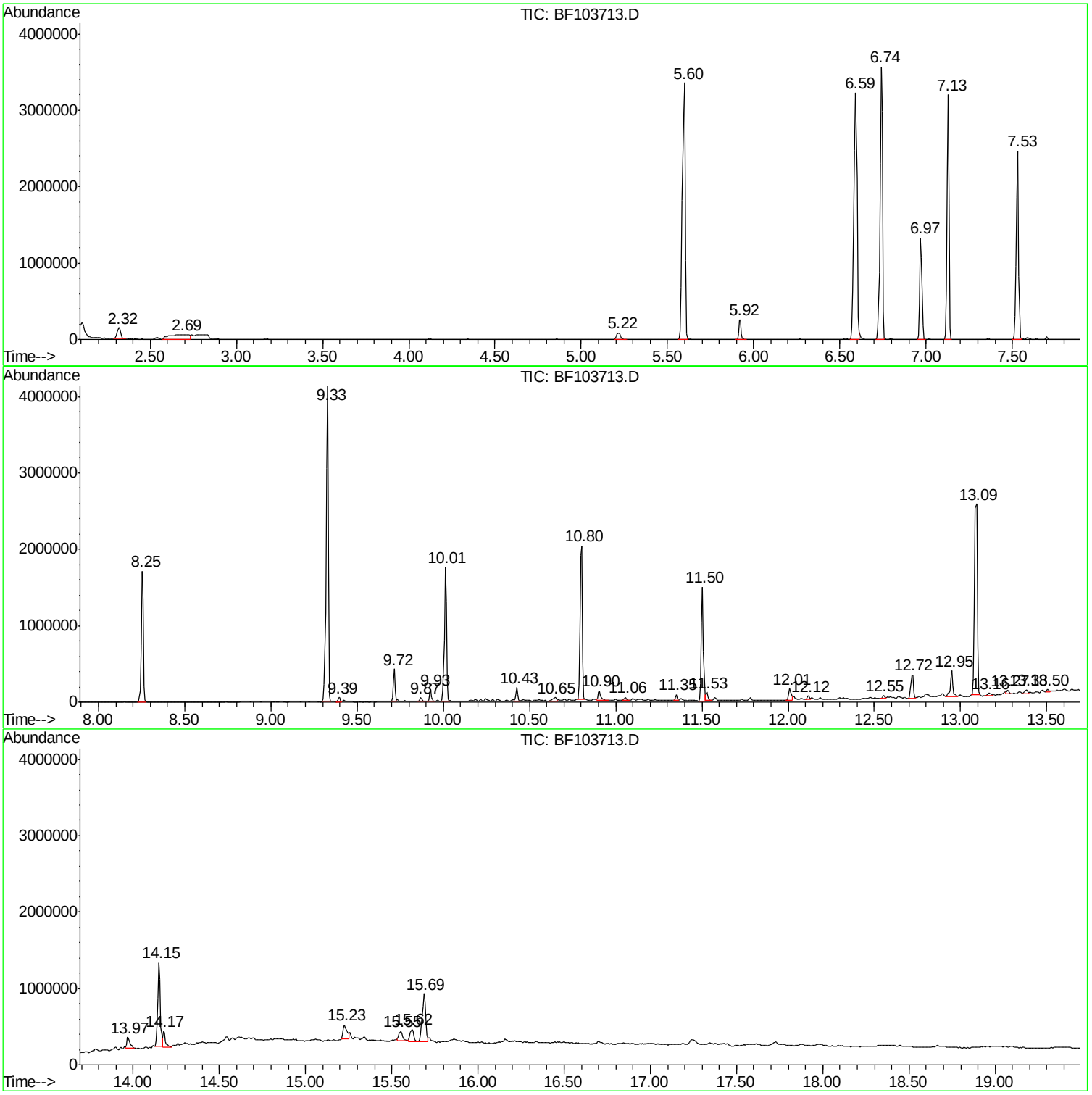
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103713.D
Acq On : 16 Mar 2018 22:53
Operator : JU/SJ
Sample : J1938-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103713.D
Acq On : 16 Mar 2018 22:53
Operator : JU/SJ
Sample : J1938-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

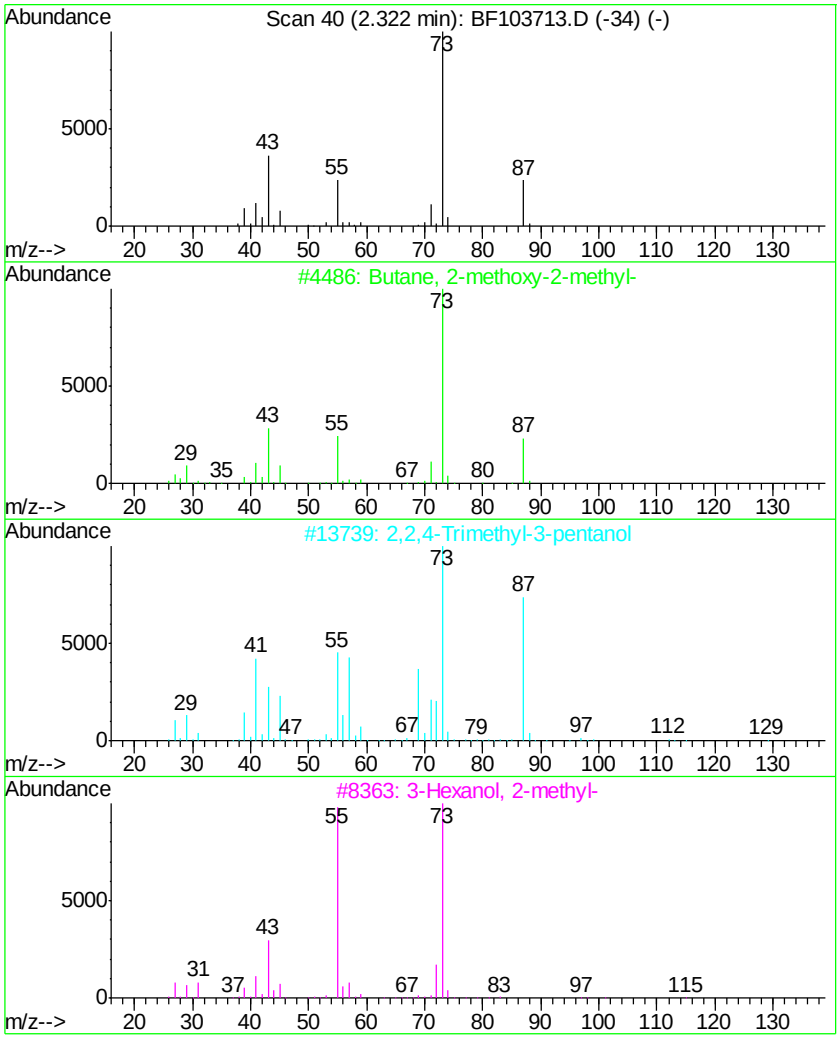
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

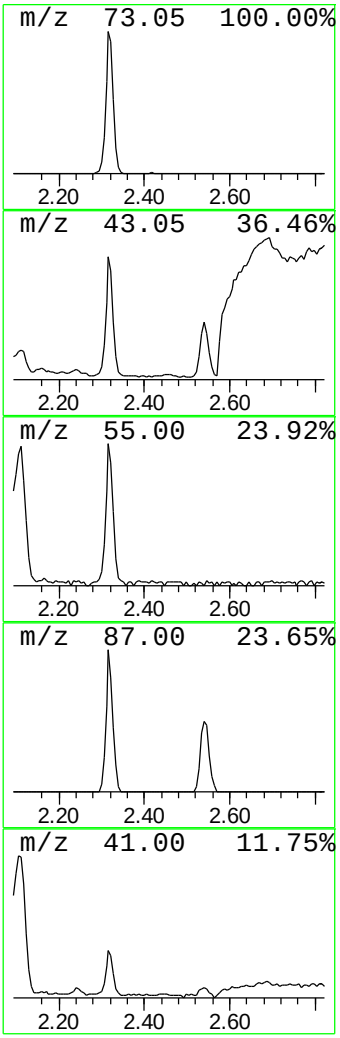
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	3.51 ng	191730	1,4-Dichlorobenzene-d4	6.97

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	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	16
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103713.D
Acq On : 16 Mar 2018 22:53
Operator : JU/SJ
Sample : J1938-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

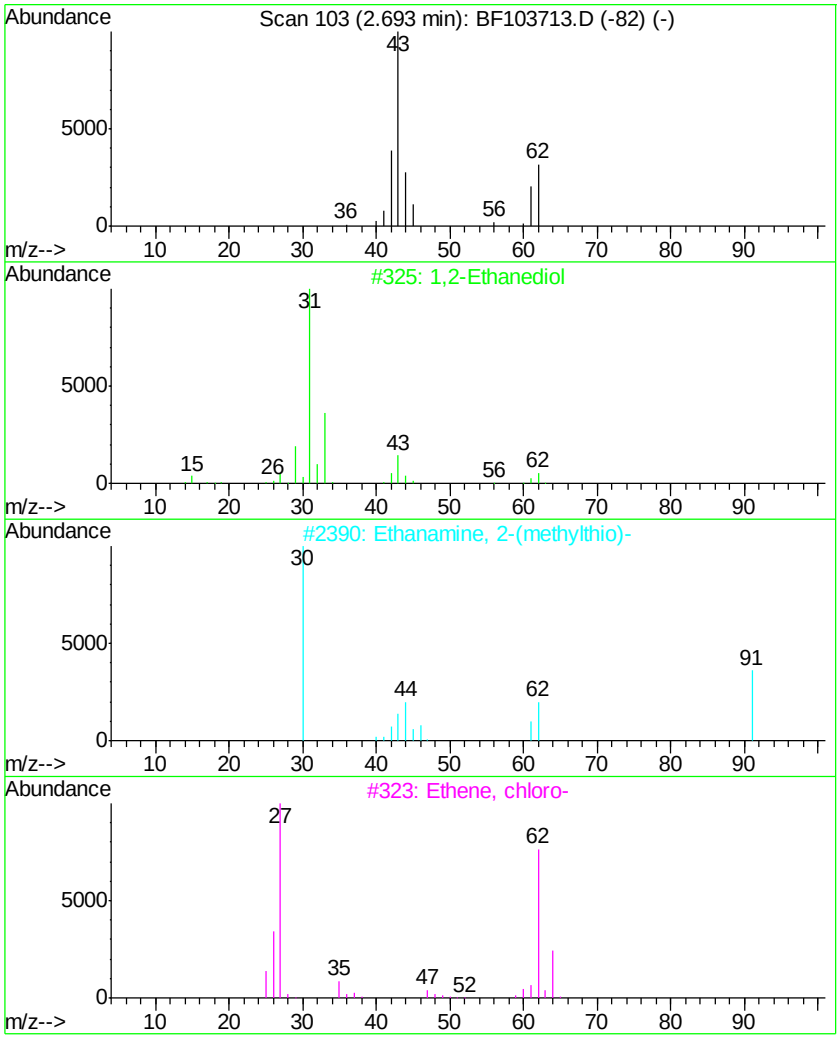
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

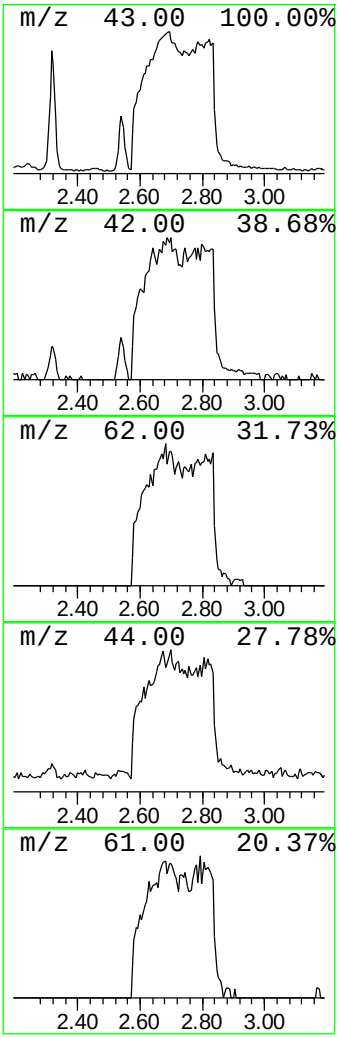
****

Peak Number 2 unknown2.69 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.69	8.61 ng	469729	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Ethanediol	62	C2H6O2	000107-21-1	9
2	Ethanamine, 2-(methylthio)-	91	C3H9NS	018542-42-2	9
3	Ethene, chloro-	62	C2H3Cl	000075-01-4	7
4	Ethanethiol	62	C2H6S	000075-08-1	5
5	Peroxide, dimethyl	62	C2H6O2	000690-02-8	3





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103713.D
Acq On : 16 Mar 2018 22:53
Operator : JU/SJ
Sample : J1938-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

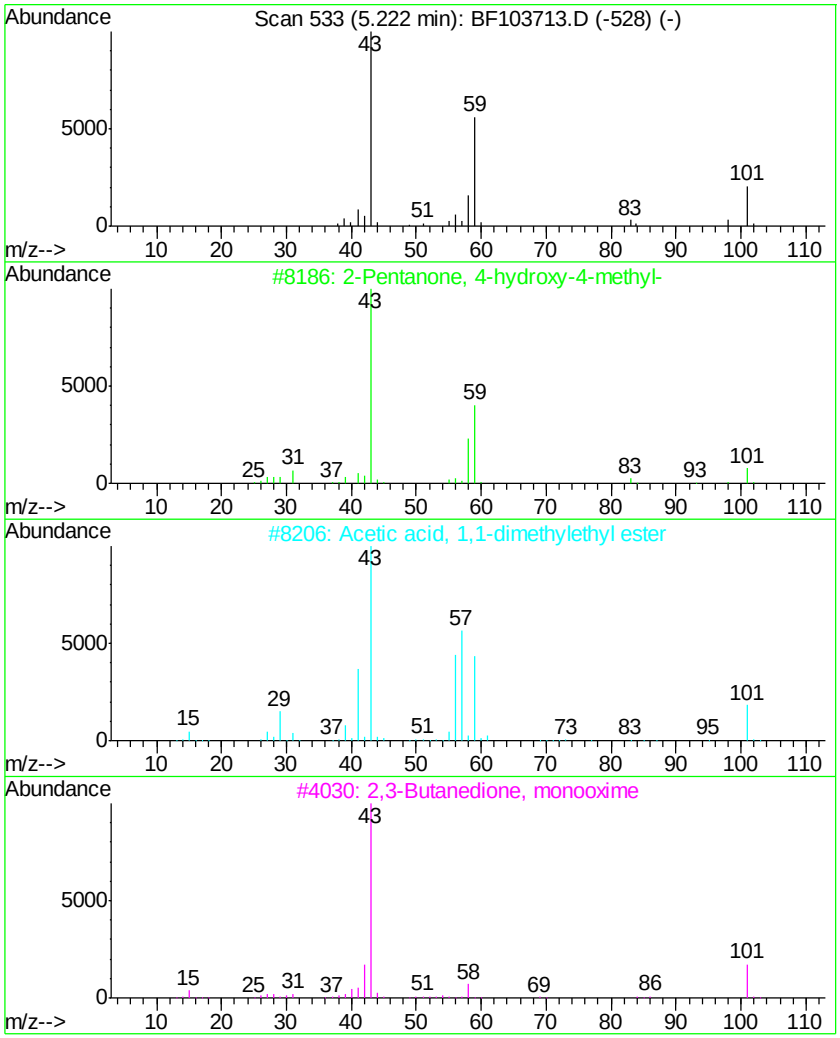
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

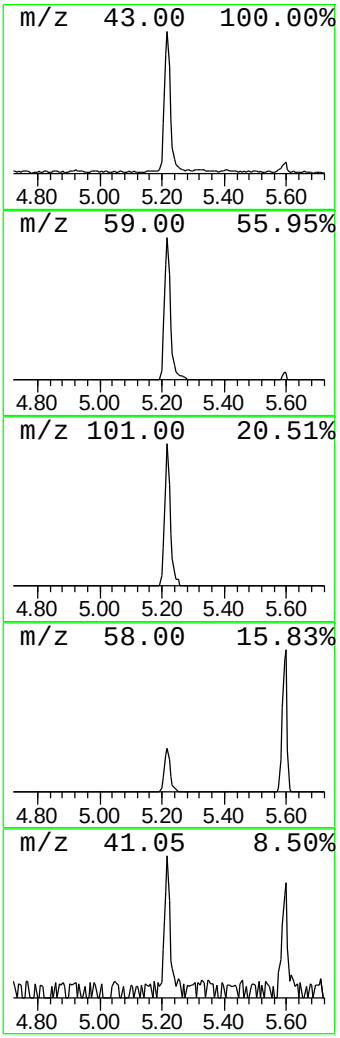
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	2.04 ng	111165	1,4-Dichlorobenzene-d4	6.97

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103713.D
Acq On : 16 Mar 2018 22:53
Operator : JU/SJ
Sample : J1938-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

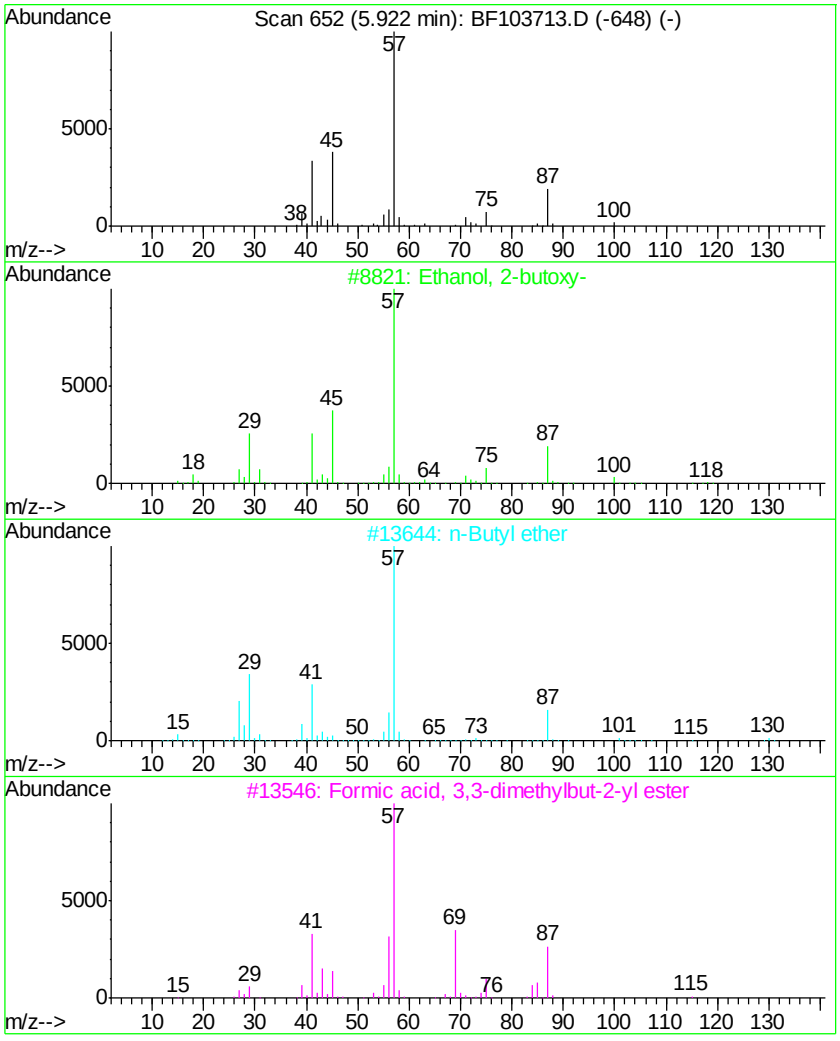
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

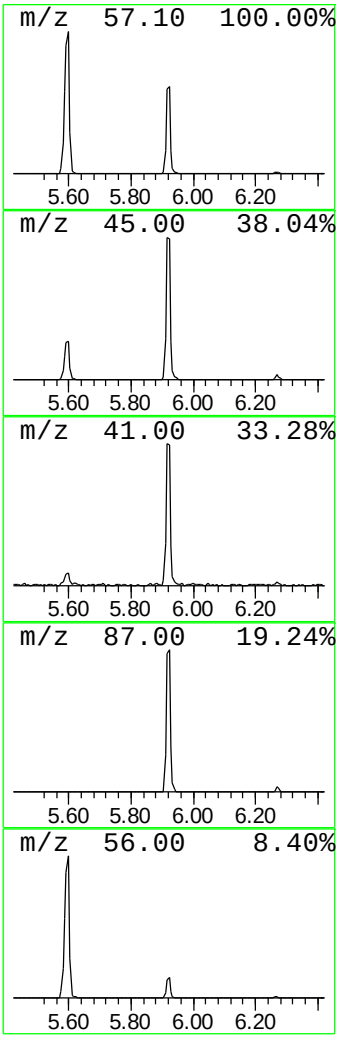
****

Peak Number 4 Ethanol, 2-butoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	4.30 ng	234812	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
2	n-Butyl ether	130	C8H18O	000142-96-1	38
3	Formic acid, 3,3-dimethylbut-2-y...	130	C7H14O2	1000368-20-5	36
4	1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	25
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	23





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103713.D
Acq On : 16 Mar 2018 22:53
Operator : JU/SJ
Sample : J1938-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

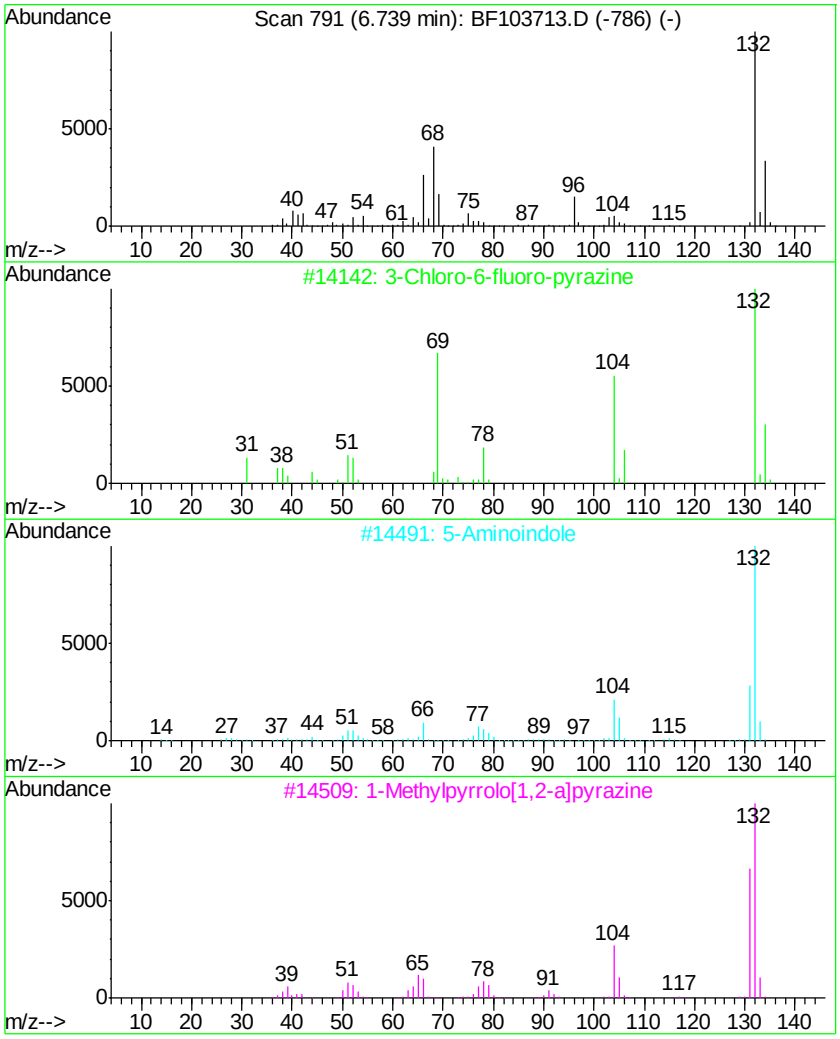
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

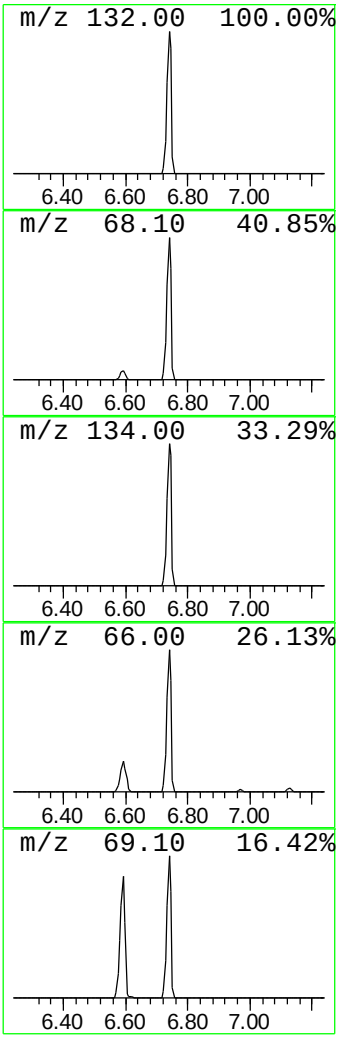
****

Peak Number 5 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	66.28 ng	3618180	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103713.D
Acq On : 16 Mar 2018 22:53
Operator : JU/SJ
Sample : J1938-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

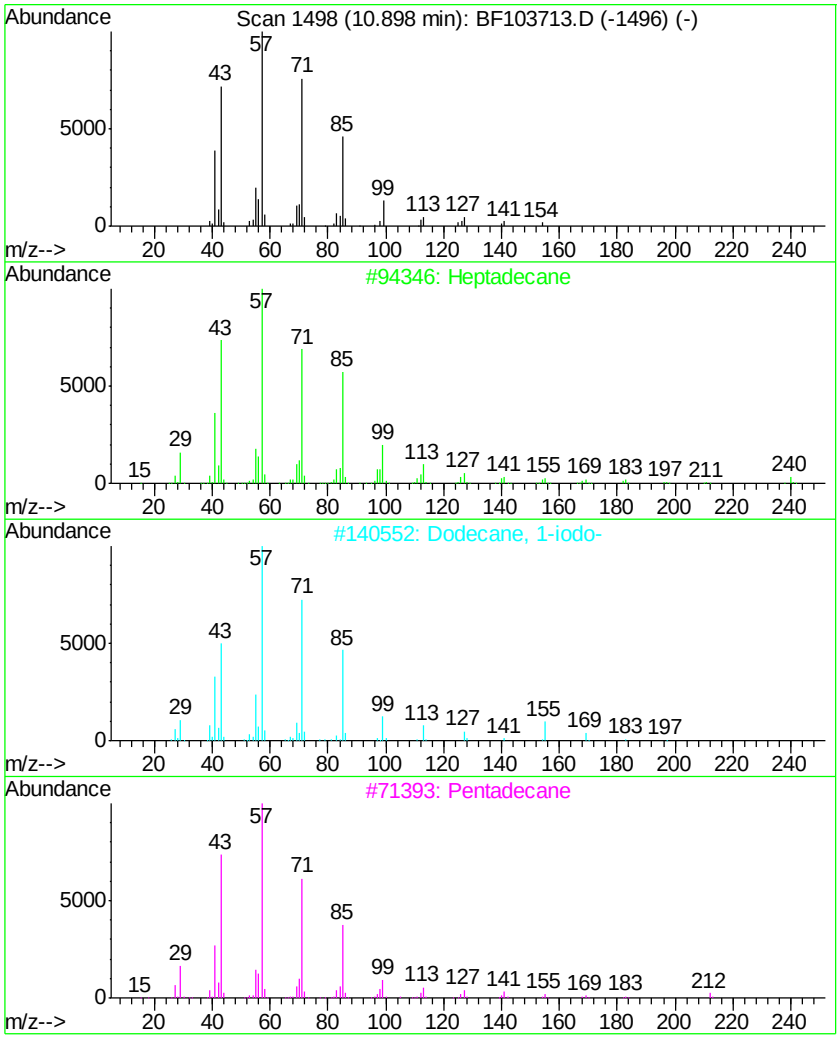
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

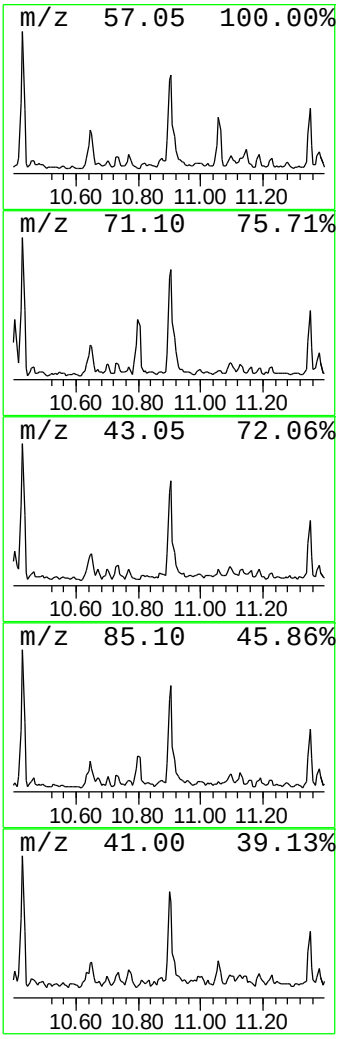
****

Peak Number 7 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	2.47 ng	150912	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
3	Pentadecane	212	C15H32	000629-62-9	72
4	Heptacosane	380	C27H56	000593-49-7	72
5	Heneicosane	296	C21H44	000629-94-7	64





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103713.D
Acq On : 16 Mar 2018 22:53
Operator : JU/SJ
Sample : J1938-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

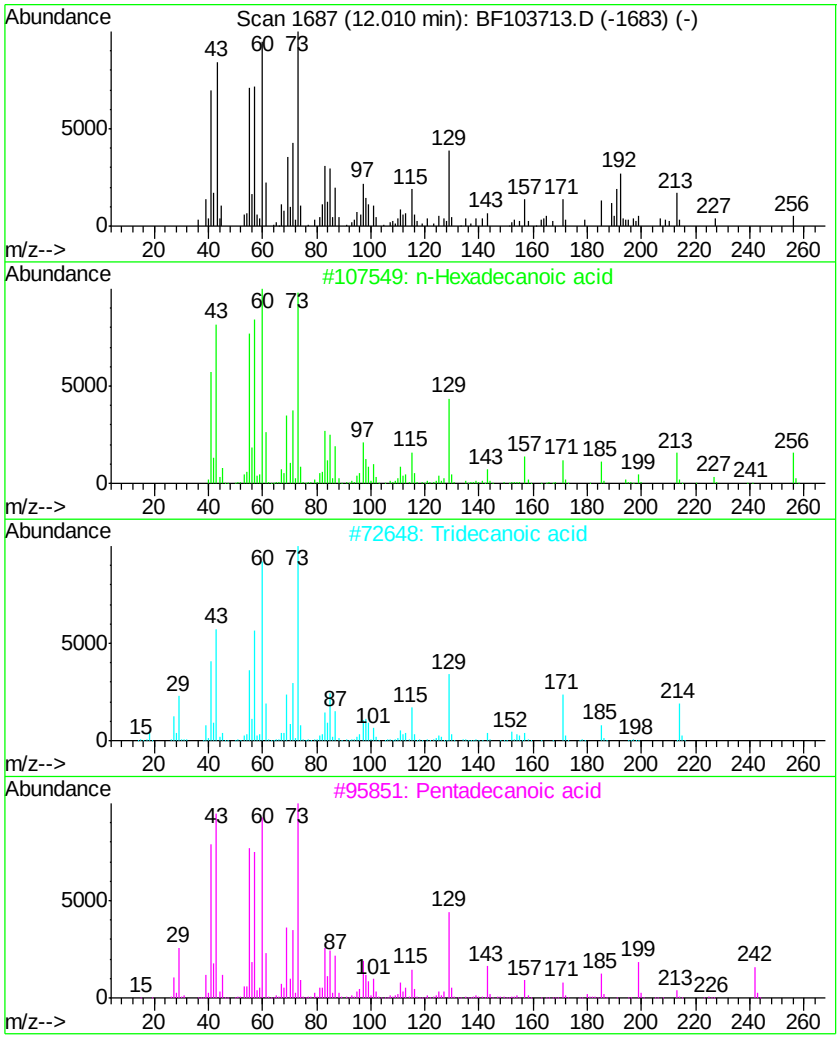
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

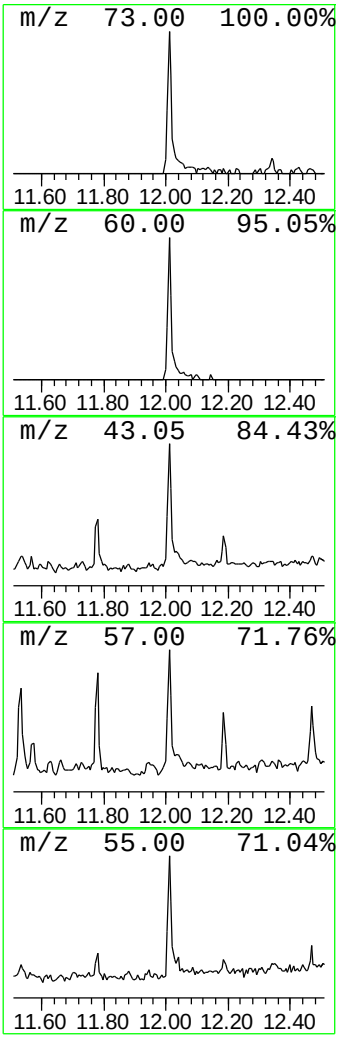
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	2.35 ng	143798	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103713.D
Acq On : 16 Mar 2018 22:53
Operator : JU/SJ
Sample : J1938-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

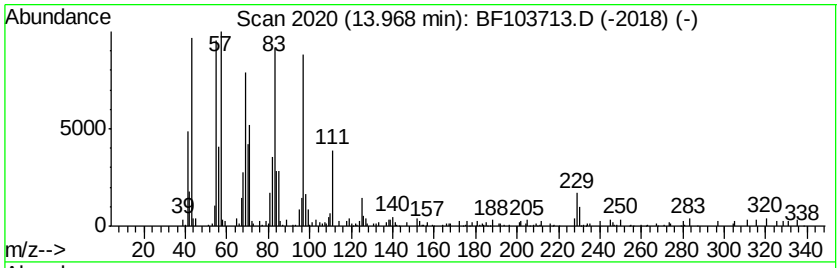
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

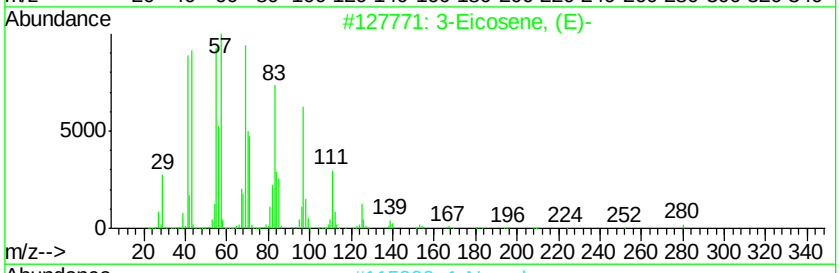
****

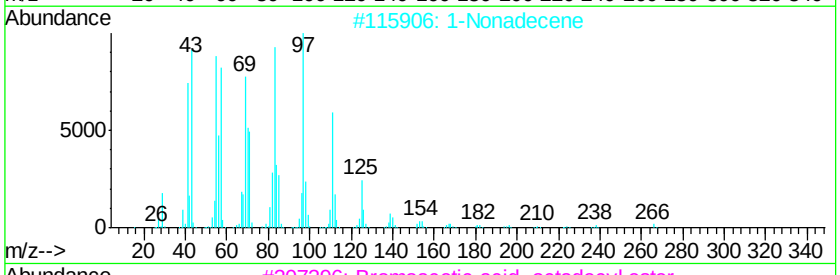
Peak Number 9 3-Eicosene, (E)- Concentration Rank 7

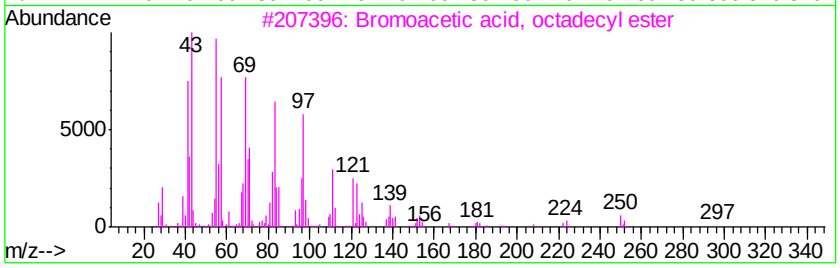
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	2.81 ng	165102	Chrysene-d12	14.15

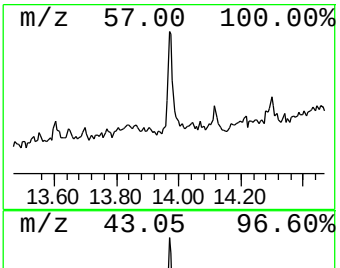
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	93
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	90
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	90

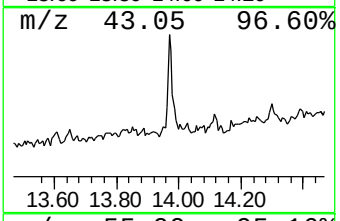


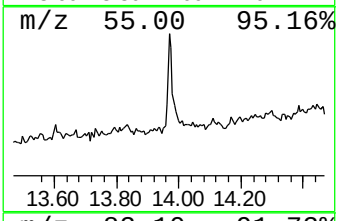


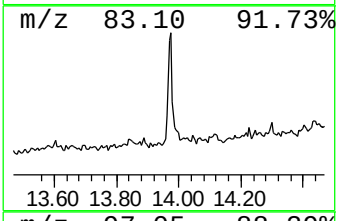


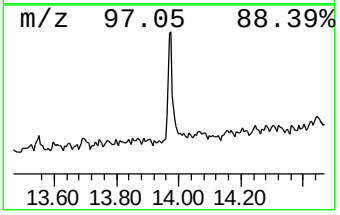












Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF031618\
Data File : BF103713.D
Acq On : 16 Mar 2018 22:53
Operator : JU/SJ
Sample : J1938-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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...	2.32	3.5	ng	191730	1	6.97	1091740	20.0
unknown2.69	2.69	8.6	ng	469729	1	6.97	1091740	20.0
2-Pentanone, 4-hy...	5.22	2.0	ng	111165	1	6.97	1091740	20.0
Ethanol, 2-butoxy-	5.92	4.3	ng	234812	1	6.97	1091740	20.0
unknown6.74	6.74	66.3	ng	3618180	1	6.97	1091740	20.0
Heptadecane	10.90	2.5	ng	150912	4	11.50	1223990	20.0
n-Hexadecanoic acid	12.01	2.4	ng	143798	4	11.50	1223990	20.0
3-Eicosene, (E)-	13.97	2.8	ng	165102	5	14.15	1175710	20.0