LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
Data File : BF122352.D
Acq On : 17 Nov 2020 18:23
Operator : JU/CG
Sample : L4617-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BG-2-(0.5-1)

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122352.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	4	10	20	rVB	825971	1038925	17.71%	2.052%
2	5.475	571	576	579	rBV	5424044	5384011	91.80%	10.635%
3	6.487	742	748	751	rBV	5238132	5685389	96.94%	11.230%
4	6.687	779	782	796	rVB	294303	264039	4.50%	0.522%
5	6.863	809	812	816	rVB	2119330	1665845	28.40%	3.290%
6	7.428	902	908	911	rBV	3766019	3558253	60.67%	7.028%
7	8.151	1027	1031	1034	rBV	2421223	2136209	36.42%	4.220%
8	9.228	1209	1214	1217	rBV	6863437	5864721	100.00%	11.584%
9	9.345	1228	1234	1245	rVB	972317	919031	15.67%	1.815%
10	9.616	1277	1280	1290	rVB	1233399	1069447	18.24%	2.112%
11	9.904	1325	1329	1333	rBV	2997600	2525444	43.06%	4.988%
12	10.486	1425	1428	1435	rVB	79747	71948	1.23%	0.142%
13	10.692	1458	1463	1466	rBV	4684026	4236352	72.23%	8.368%
14	11.392	1577	1582	1585	rBV	2638194	2561242	43.67%	5.059%
15	11.916	1668	1671	1683	rBV2	702242	755279	12.88%	1.492%
16	12.374	1746	1749	1752	rBV	208279	175088	2.99%	0.346%
17	12.433	1756	1759	1763	rVV3	101928	130424	2.22%	0.258%
18	12.486	1763	1768	1772	rVB3	42158	66689	1.14%	0.132%
19	12.598	1784	1787	1790	rBV	130726	136546	2.33%	0.270%
20	12.639	1790	1794	1798	rVB	86798	94538	1.61%	0.187%
21	12.704	1801	1805	1811	rBV2	204735	242941	4.14%	0.480%
22	12.827	1823	1826	1829	rVB	118465	112543	1.92%	0.222%
23	12.974	1847	1851	1855	rBV	5832172	5440257	92.76%	10.746%
24	13.874	2001	2004	2010	rBV	737884	890393	15.18%	1.759%
25	14.027	2026	2030	2033	rBV	2286846	1983657	33.82%	3.918%
26	14.198	2057	2059	2063	rVB2	94075	92915	1.58%	0.184%
27	14.510	2109	2112	2118	rBV2	156116	189932	3.24%	0.375%
28	14.815	2161	2164	2167	rBV	70475	70247	1.20%	0.139%
29	14.892	2174	2177	2183	rBV5	118471	256127	4.37%	0.506%
30	15.157	2219	2222	2224	rBV	142612	182401	3.11%	0.360%
31	15.498	2275	2280	2284	rBV	1753166	2062565	35.17%	4.074%
32	15.980	2358	2362	2366	rBV	89219	140687	2.40%	0.278%
33	16.033	2367	2371	2380	rVV3	124633	271929	4.64%	0.537%
34	17.574	2627	2633	2641	rBV4	142745	350267	5.97%	0.692%

Sum of corrected areas: 50626281

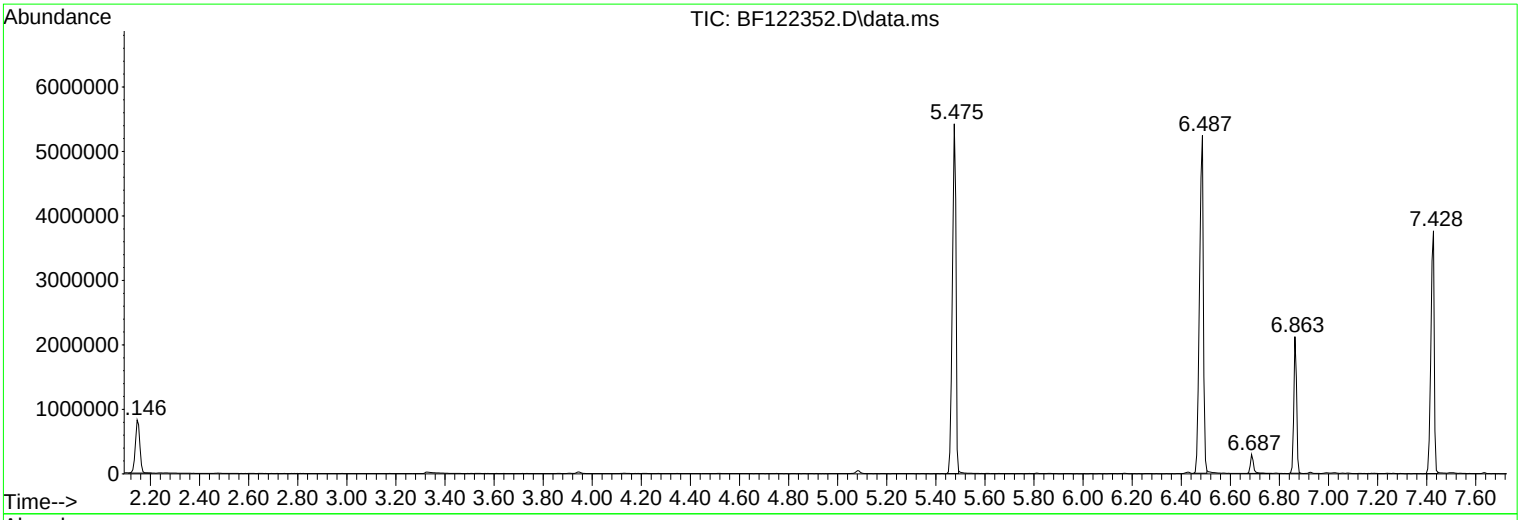
Instrument :
BNA_F
ClientSampleId :
BG-2-(0.5-1)

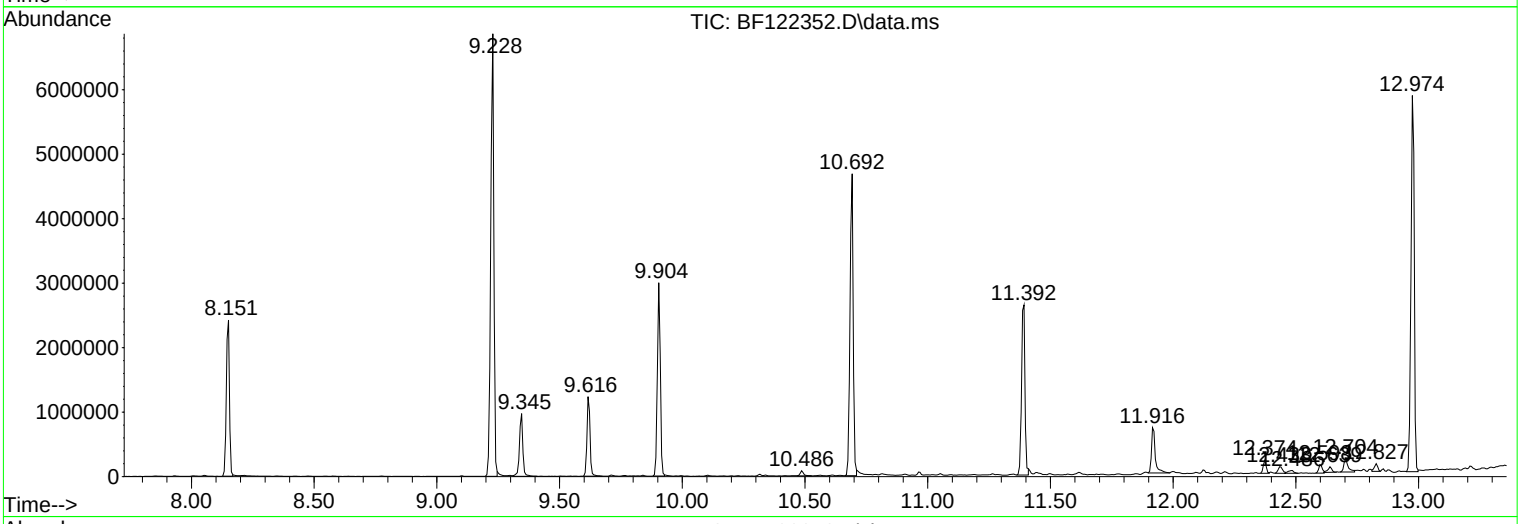
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
Data File : BF122352.D
Acq On : 17 Nov 2020 18:23
Operator : JU/CG
Sample : L4617-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

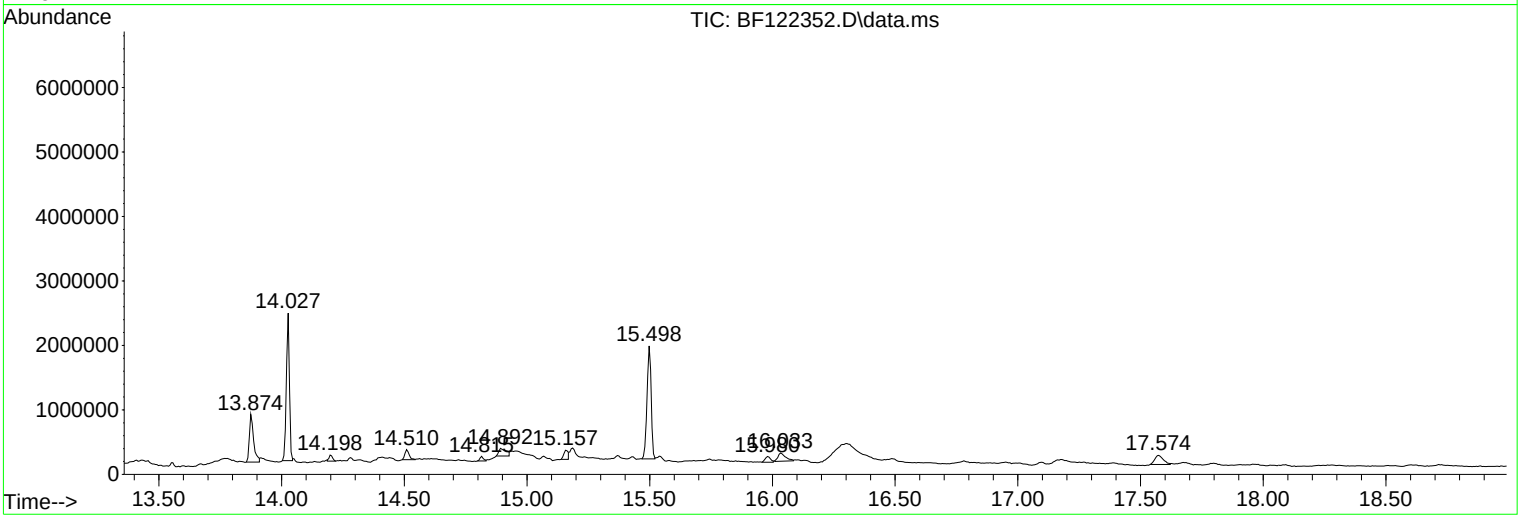
Instrument :
BNA_F
ClientSampleId :
BG-2-(0.5-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
Data File : BF122352.D
Acq On : 17 Nov 2020 18:23
Operator : JU/CG
Sample : L4617-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BG-2-(0.5-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

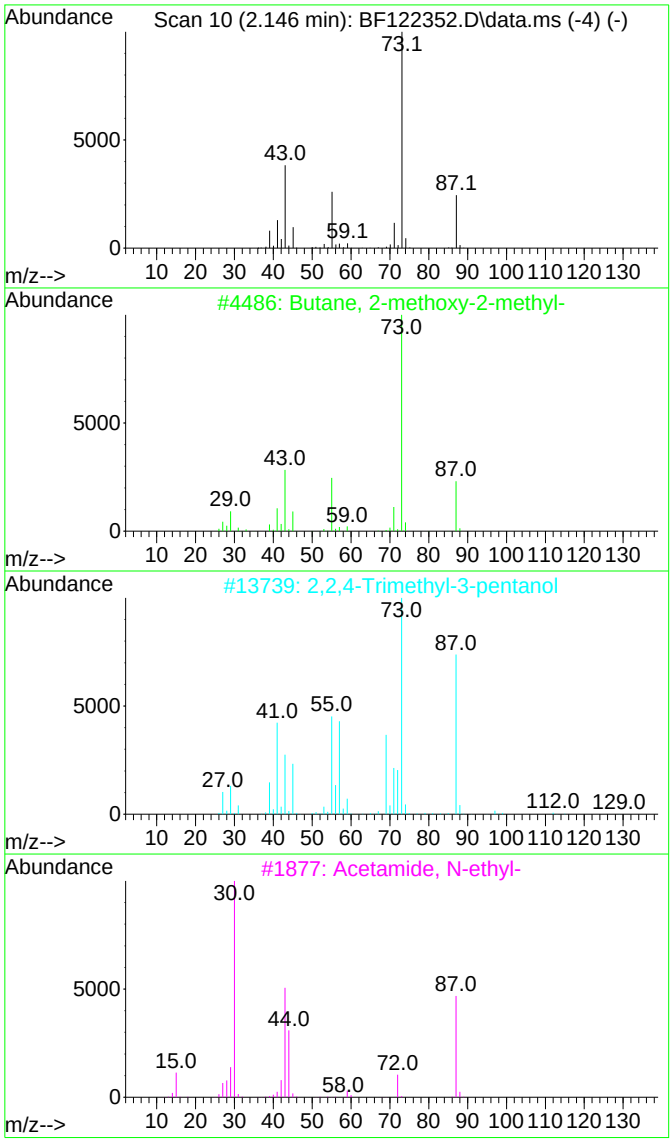
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

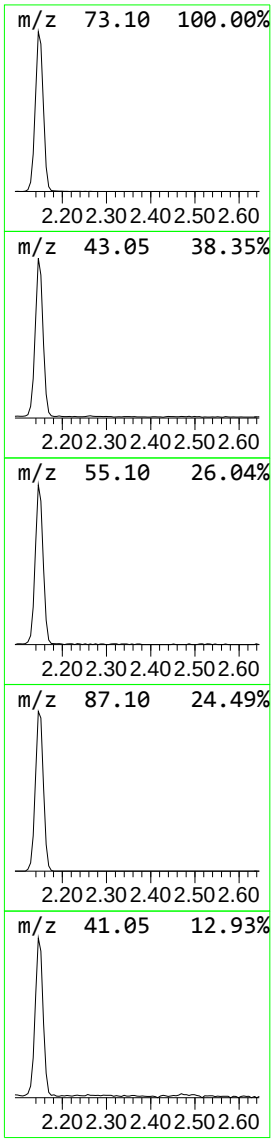
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.146	12.47 ng	1038930	1,4-Dichlorobenzene-d4	6.863

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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
Data File : BF122352.D
Acq On : 17 Nov 2020 18:23
Operator : JU/CG
Sample : L4617-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BG-2-(0.5-1)

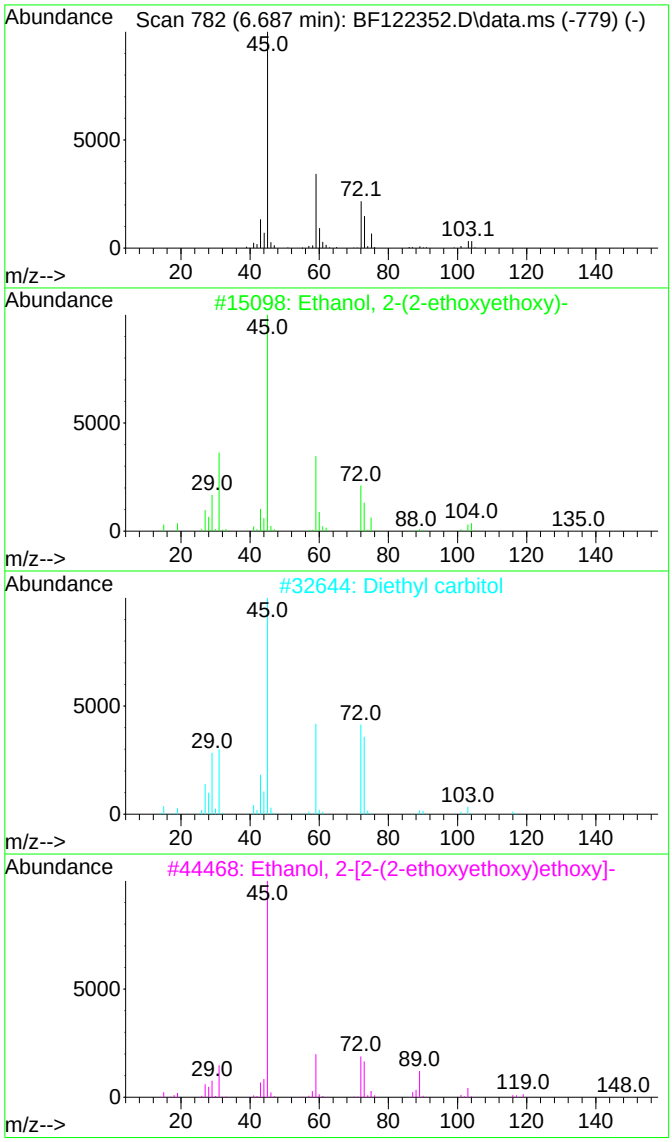
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

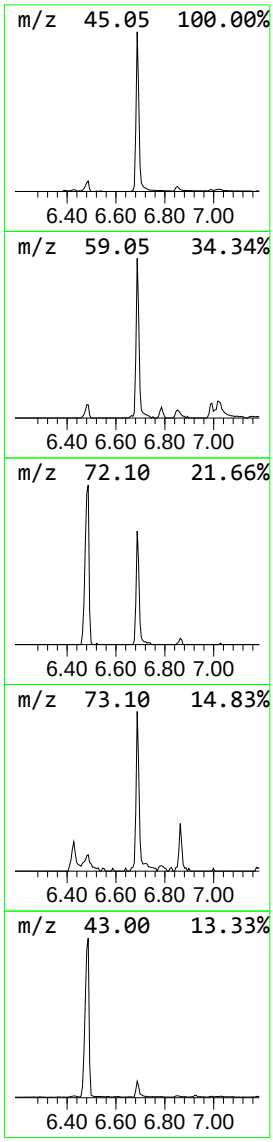
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.687	3.17 ng	264039	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	Diethyl carbitol	162	C8H18O3	000112-36-7	72
3	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	64
4	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	45
5	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
Data File : BF122352.D
Acq On : 17 Nov 2020 18:23
Operator : JU/CG
Sample : L4617-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BG-2-(0.5-1)

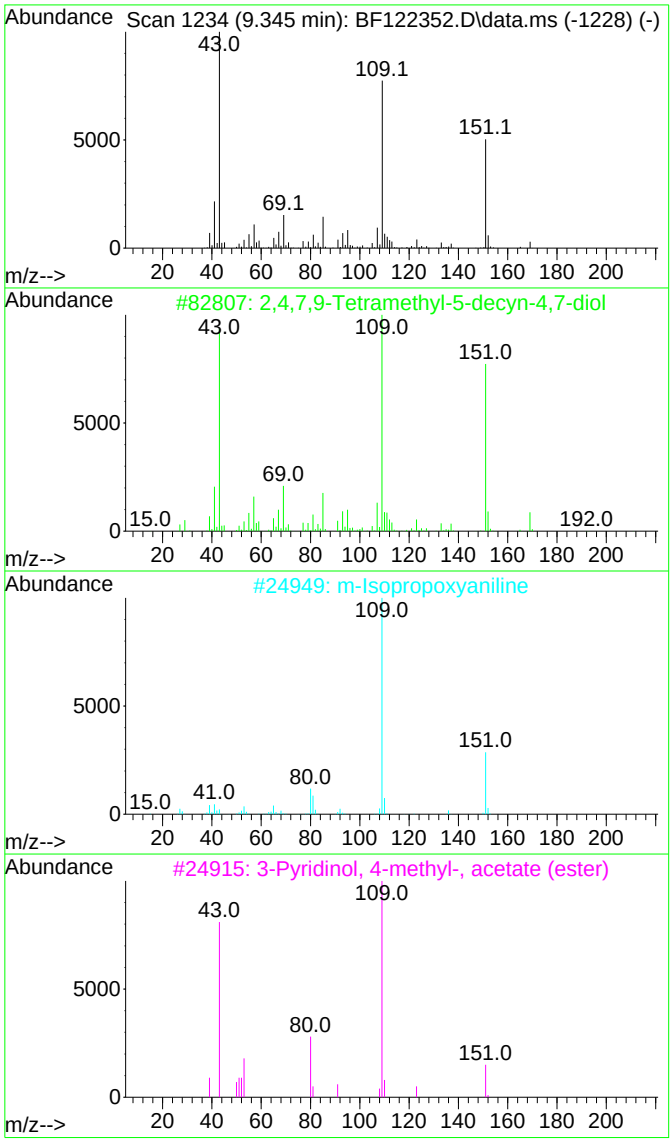
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

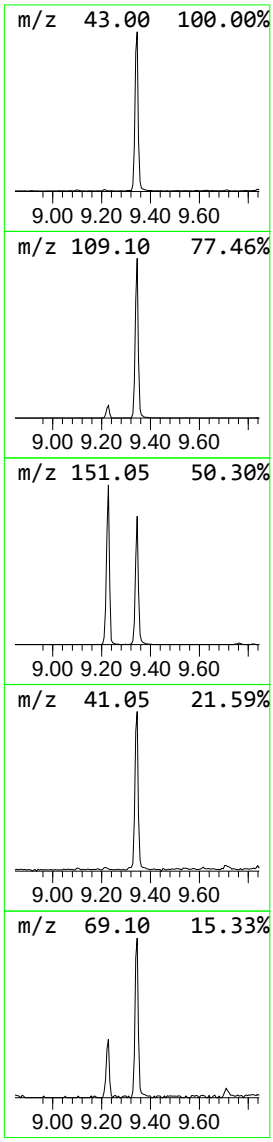
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.345	7.28 ng	919031	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	59
3	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	59
4	Pyridine, 3-butyl-, 1-oxide	151	C9H13NO	031396-33-5	59
5	Acetaminophen	151	C8H9NO2	000103-90-2	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
Data File : BF122352.D
Acq On : 17 Nov 2020 18:23
Operator : JU/CG
Sample : L4617-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BG-2-(0.5-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

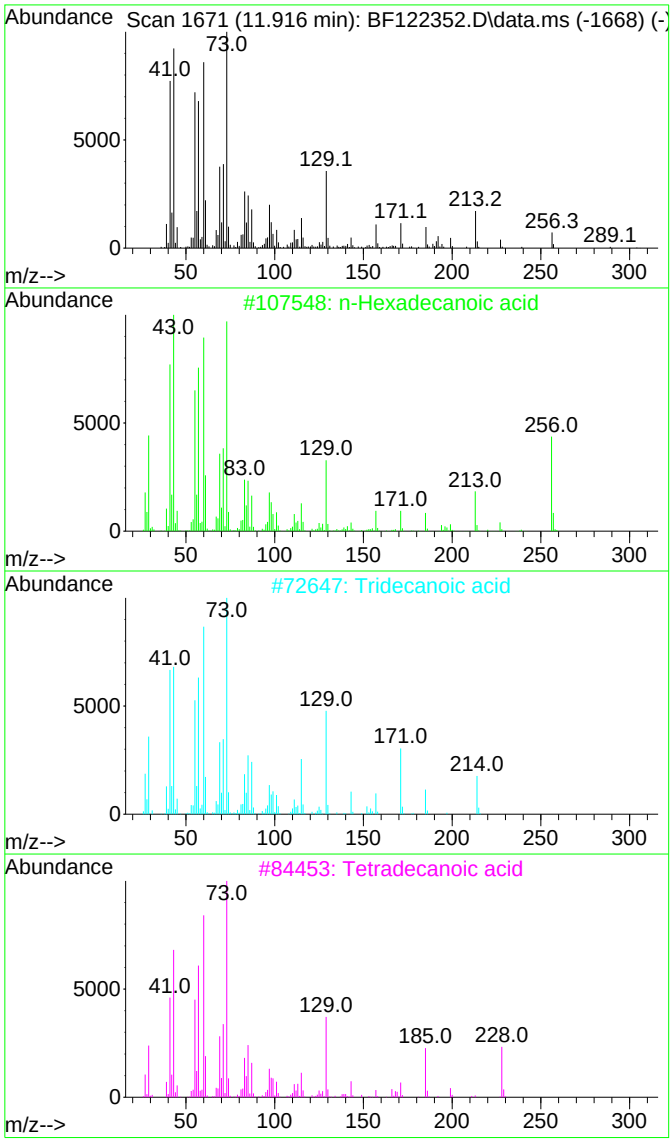
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

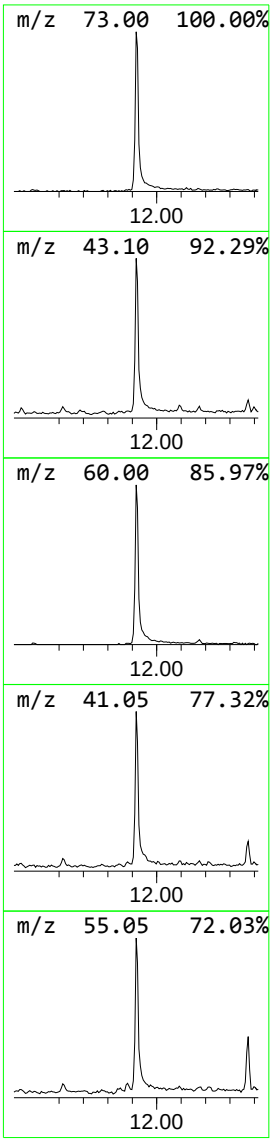
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	5.90 ng	755279	Phenanthrene-d10	11.392

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	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
Data File : BF122352.D
Acq On : 17 Nov 2020 18:23
Operator : JU/CG
Sample : L4617-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BG-2-(0.5-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

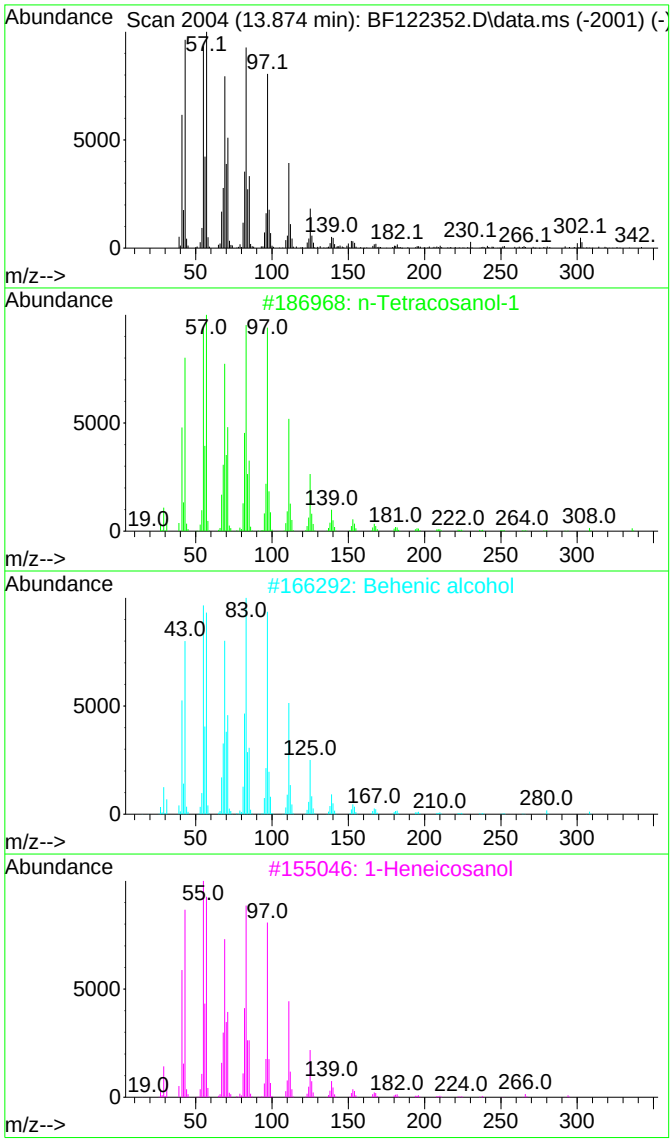
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

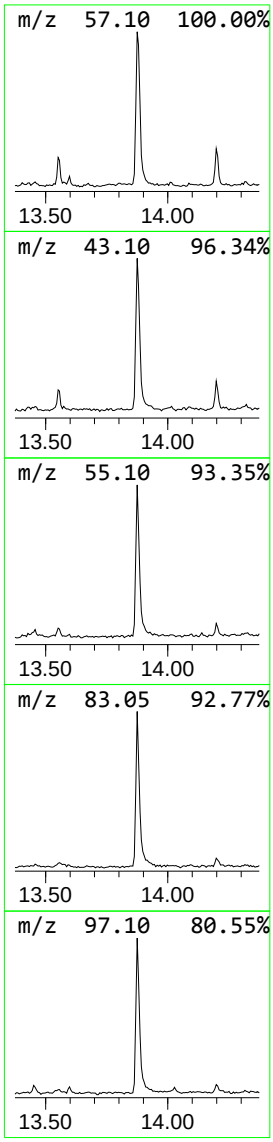
****

Peak Number 5 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	8.98 ng	890393	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	Cyclopentadecane	210	C15H30	000295-48-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
Data File : BF122352.D
Acq On : 17 Nov 2020 18:23
Operator : JU/CG
Sample : L4617-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BG-2-(0.5-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

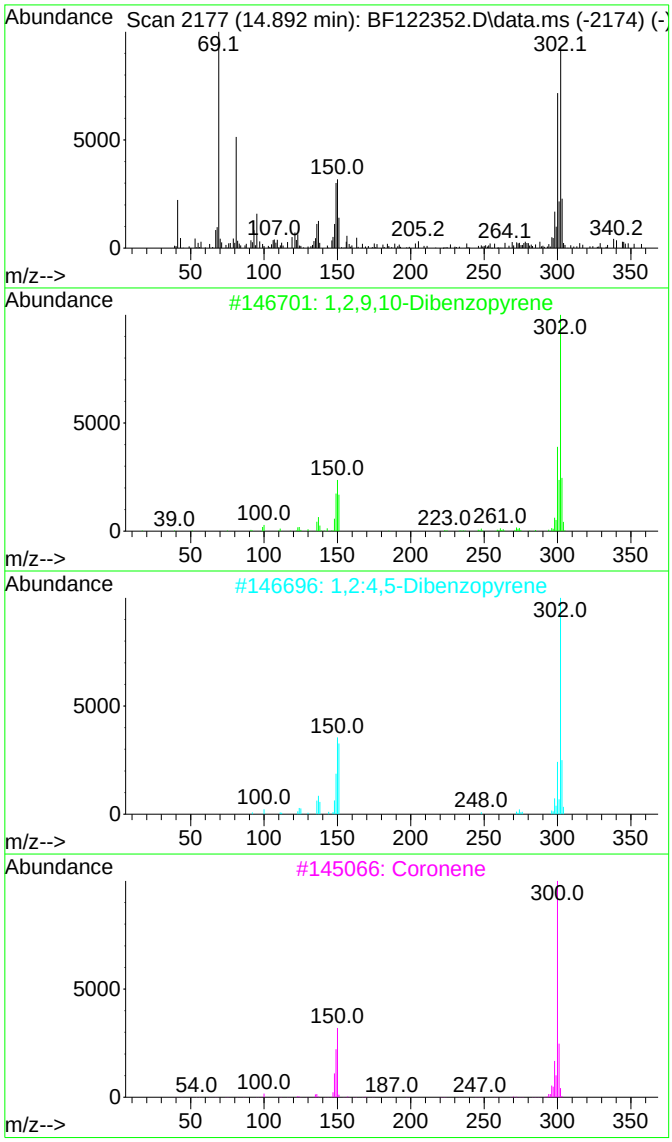
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

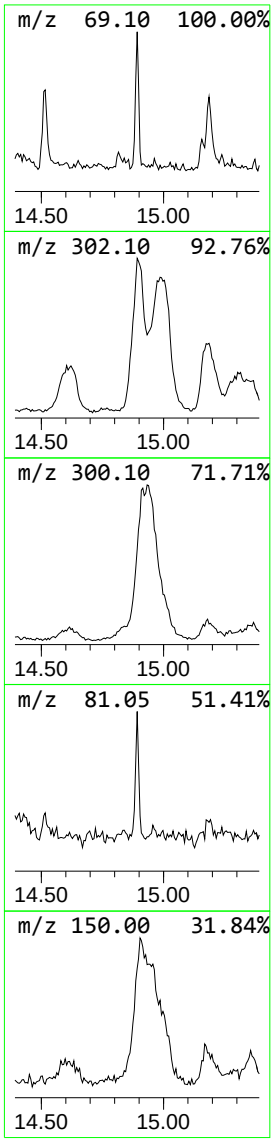
****

Peak Number 6 1,2,9,10-Dibenzopyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.892	2.48 ng	256127	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	58
2	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	53
3	Coronene	300	C24H12	000191-07-1	52
4	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	46
5	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
Data File : BF122352.D
Acq On : 17 Nov 2020 18:23
Operator : JU/CG
Sample : L4617-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BG-2-(0.5-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

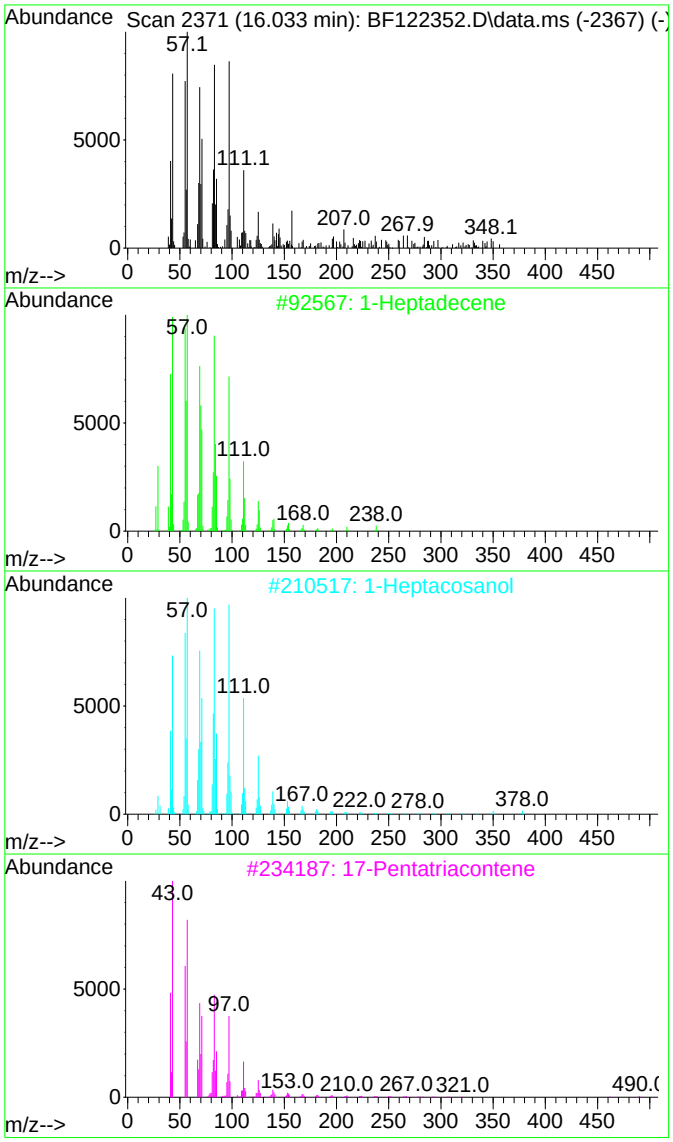
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

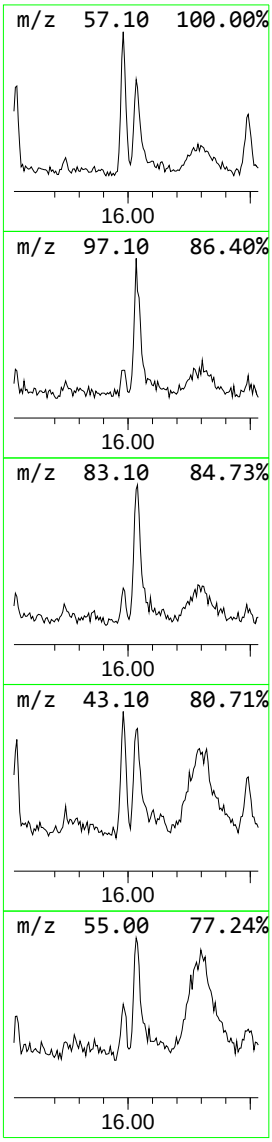
****

Peak Number 7 1-Heptadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.033	2.64 ng	271929	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	91
2	1-Heptacosanol	396	C27H56O	002004-39-9	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	90
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	87
5	Behenic alcohol	326	C22H46O	000661-19-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
Data File : BF122352.D
Acq On : 17 Nov 2020 18:23
Operator : JU/CG
Sample : L4617-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BG-2-(0.5-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

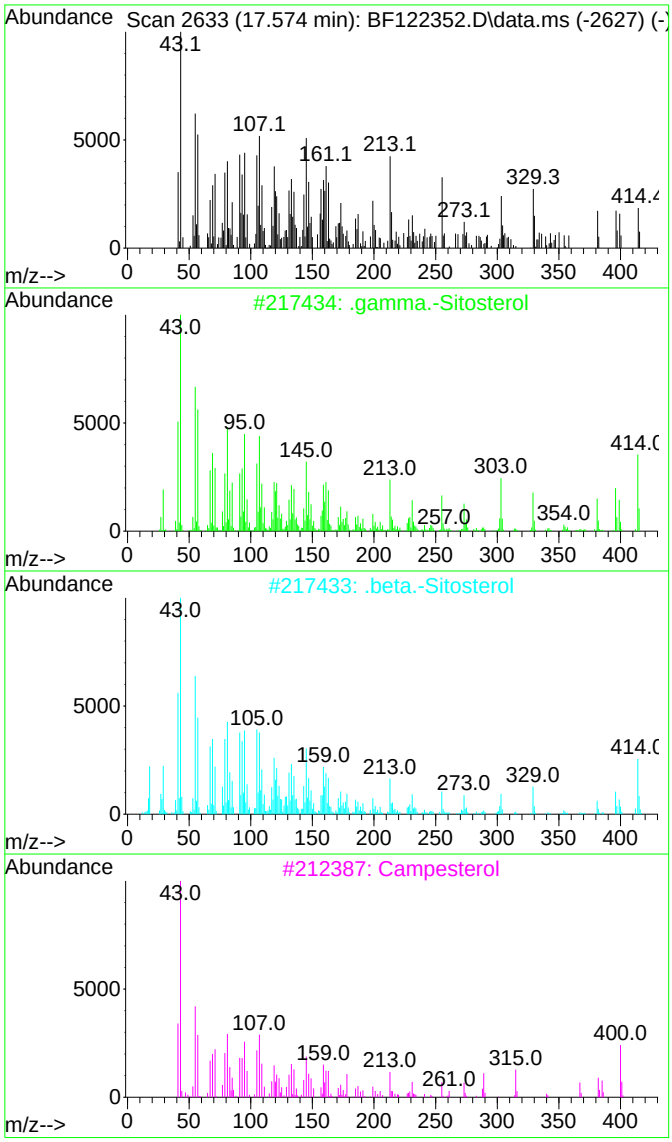
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

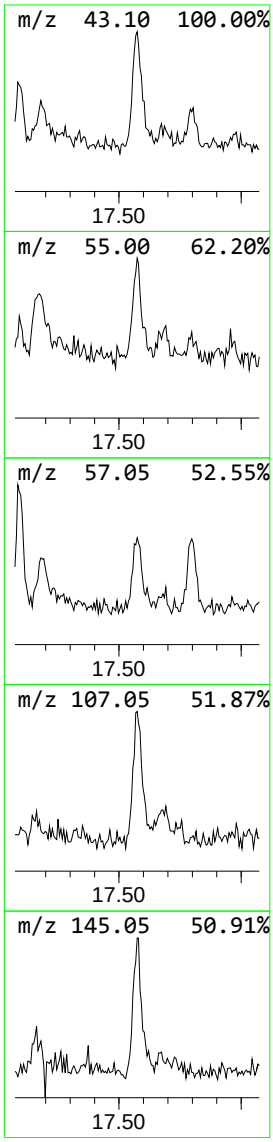
****

Peak Number 8 .gamma.-Sitosterol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.574	3.40 ng	350267	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	96
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	95
3	Campesterol	400	C28H48O	000474-62-4	53
4	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	45
5	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
Data File : BF122352.D
Acq On : 17 Nov 2020 18:23
Operator : JU/CG
Sample : L4617-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BG-2-(0.5-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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-metho...	2.146	12.5	ng	1038930	1	6.863	1665850	20.0
Ethanol, 2-(2-e...	6.687	3.2	ng	264039	1	6.863	1665850	20.0
2,4,7,9-Tetrame...	9.345	7.3	ng	919031	3	9.904	2525440	20.0
n-Hexadecanoic ...	11.916	5.9	ng	755279	4	11.392	2561240	20.0
n-Tetracosanol-1	13.874	9.0	ng	890393	5	14.027	1983660	20.0
1,2,9,10-Dibenz...	14.892	2.5	ng	256127	6	15.498	2062570	20.0
1-Heptadecene	16.033	2.6	ng	271929	6	15.498	2062570	20.0
.gamma.-Sitosterol	17.574	3.4	ng	350267	6	15.498	2062570	20.0