LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
Data File : BF125078.D
Acq On : 17 Aug 2021 20:34
Operator : JU/CG
Sample : M3412-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG-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-BF081721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125078.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.234	18	25	35	rVB	866806	1124706	24.21%	2.730%
2	5.146	511	520	529	rVB	380372	476457	10.26%	1.157%
3	5.534	581	586	589	rBV	4151017	4472937	96.29%	10.858%
4	6.540	750	757	760	rBV	3858484	4645102	100.00%	11.276%
5	6.916	818	821	825	rVB	1249011	1046348	22.53%	2.540%
6	7.481	912	917	920	rBV	3117067	2974814	64.04%	7.221%
7	8.098	1018	1022	1025	rBV	329502	274284	5.90%	0.666%
8	8.198	1035	1039	1043	rBV	1492922	1371606	29.53%	3.330%
9	9.281	1217	1223	1226	rBV	4695823	4433150	95.44%	10.761%
10	9.957	1334	1338	1341	rBV	1796802	1417551	30.52%	3.441%
11	10.745	1467	1472	1475	rBV	3465179	3132986	67.45%	7.605%
12	11.380	1577	1580	1584	rBV	115620	116054	2.50%	0.282%
13	11.445	1587	1591	1594	rVB	1746413	1460414	31.44%	3.545%
14	11.892	1662	1667	1670	rBV	61864	80964	1.74%	0.197%
15	11.933	1670	1674	1677	rVV	945843	893698	19.24%	2.169%
16	11.969	1677	1680	1693	rVB2	1059364	1069877	23.03%	2.597%
17	12.139	1706	1709	1714	rBV	96221	104972	2.26%	0.255%
18	12.651	1794	1796	1798	rBV	78524	72377	1.56%	0.176%
19	12.686	1798	1802	1809	rVV	110909	171076	3.68%	0.415%
20	12.751	1809	1813	1820	rVB	133451	155584	3.35%	0.378%
21	12.880	1832	1835	1837	rBV	50657	49527	1.07%	0.120%
22	13.033	1856	1861	1864	rBV	4376532	4129543	88.90%	10.024%
23	13.921	2008	2012	2019	rBV	354896	379457	8.17%	0.921%
24	14.080	2033	2039	2042	rBV	1162582	1021934	22.00%	2.481%
25	14.463	2101	2104	2106	rBV	76243	75111	1.62%	0.182%
26	14.486	2106	2108	2113	rVB	97505	106045	2.28%	0.257%
27	14.557	2117	2120	2122	rBV2	166027	166177	3.58%	0.403%
28	14.586	2122	2125	2129	rVB	212244	213534	4.60%	0.518%
29	14.621	2129	2131	2133	rVB	109509	82067	1.77%	0.199%
30	14.680	2133	2141	2143	rBV	284421	450560	9.70%	1.094%
31	14.768	2152	2156	2159	rBV	291081	308882	6.65%	0.750%
32	14.804	2159	2162	2166	rVB	519804	565925	12.18%	1.374%
33	14.868	2166	2173	2177	rBV	276067	658966	14.19%	1.600%
34	14.910	2177	2180	2182	rVV	234000	292896	6.31%	0.711%
35	14.963	2186	2189	2192	rVV2	151606	179207	3.86%	0.435%
36	14.998	2192	2195	2198	rVV	306915	367794	7.92%	0.893%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
Data File : BF125078.D
Acq On : 17 Aug 2021 20:34
Operator : JU/CG
Sample : M3412-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG-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-BF081721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.045	2200	2203	2209	rVB	233464	367799	7.92%	0.893%
38	15.104	2209	2213	2216	rVB	163071	180099	3.88%	0.437%
39	15.157	2219	2222	2226	rVB	57514	67435	1.45%	0.164%
40	15.221	2227	2233	2234	rBV2	74843	101942	2.19%	0.247%
41	15.239	2234	2236	2244	rVB2	164036	216885	4.67%	0.526%
42	15.574	2288	2293	2298	rBV	624581	790551	17.02%	1.919%
43	16.068	2372	2377	2381	rBV2	73798	111180	2.39%	0.270%
44	16.115	2381	2385	2394	rVB2	51196	91113	1.96%	0.221%
45	17.110	2550	2554	2562	rVB9	35185	79894	1.72%	0.194%
46	17.215	2566	2572	2576	rBV2	33866	68187	1.47%	0.166%
47	17.286	2578	2584	2592	rVV8	35347	98403	2.12%	0.239%
48	17.462	2610	2614	2620	rVB5	51428	101147	2.18%	0.246%
49	17.704	2648	2655	2668	rBV5	128985	321154	6.91%	0.780%
50	17.815	2669	2674	2684	rVB9	25044	56890	1.22%	0.138%

Sum of corrected areas: 41195261

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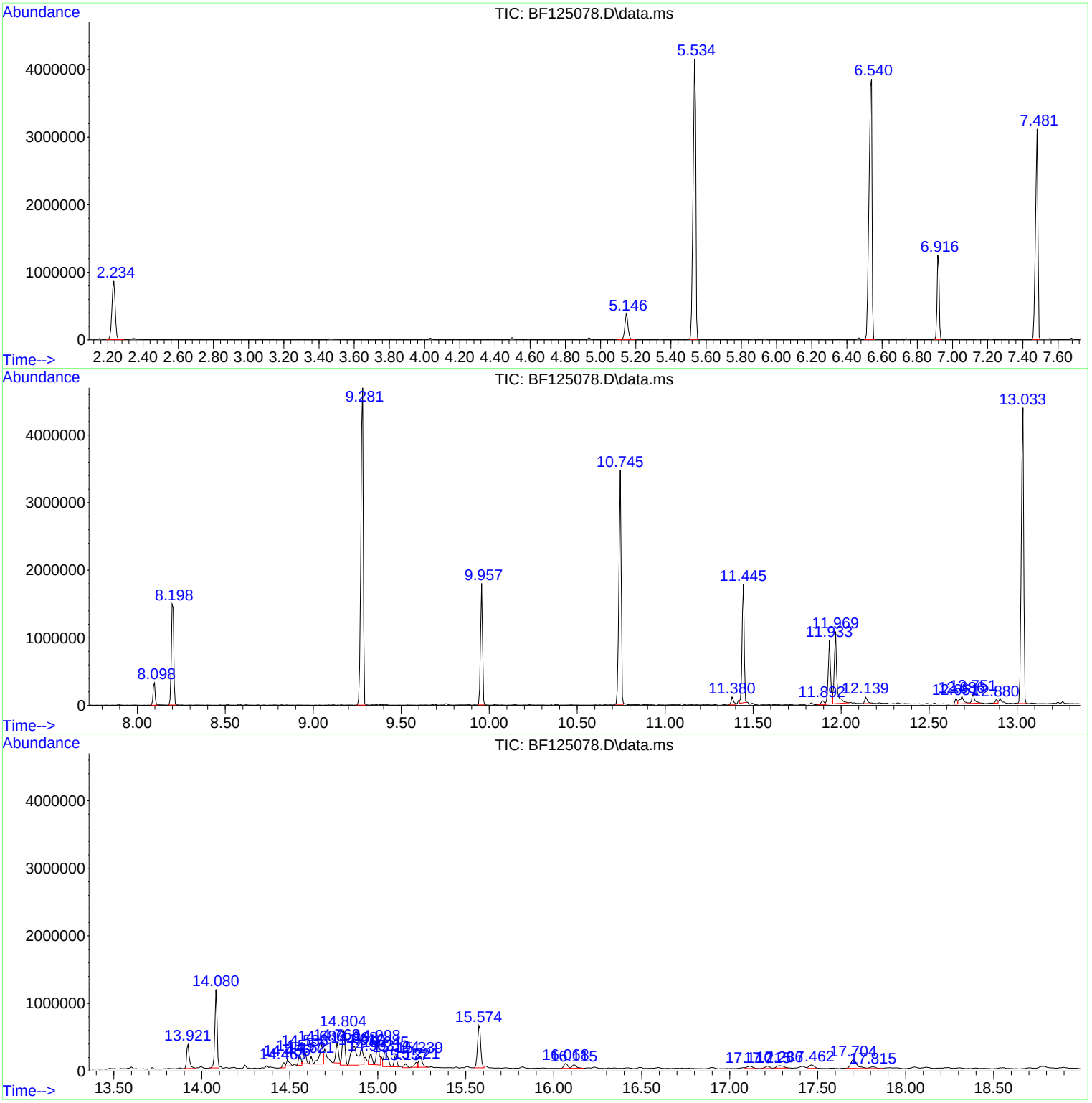
Instrument :
BNA_F
ClientSampleId :
PG-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
Data File : BF125078.D
Acq On : 17 Aug 2021 20:34
Operator : JU/CG
Sample : M3412-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG-1

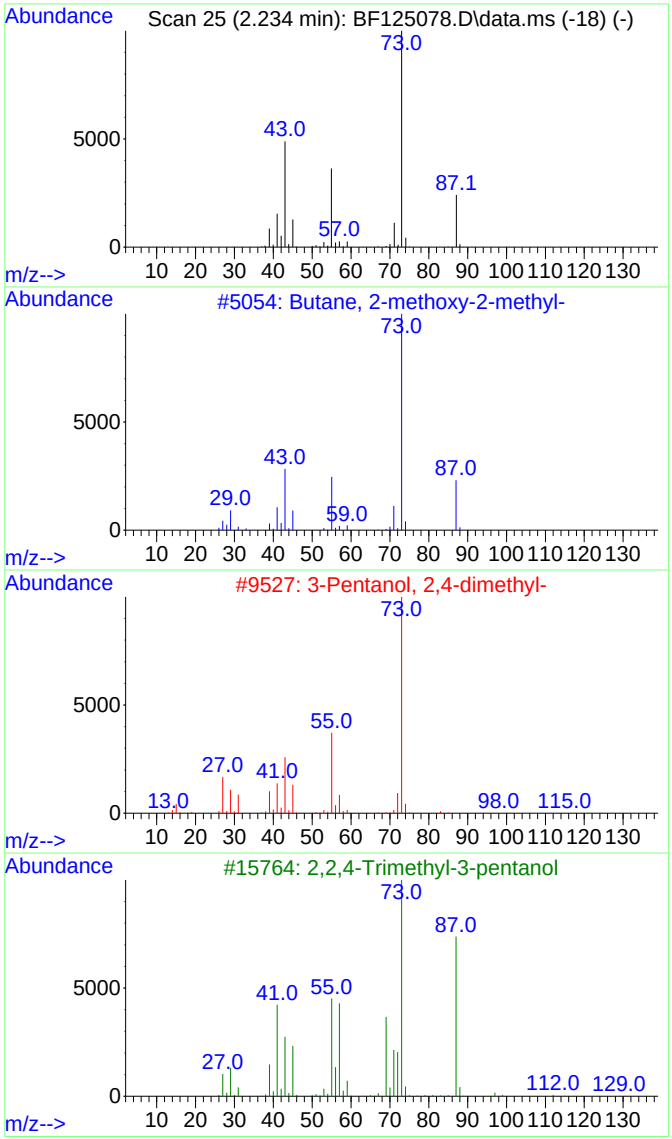
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

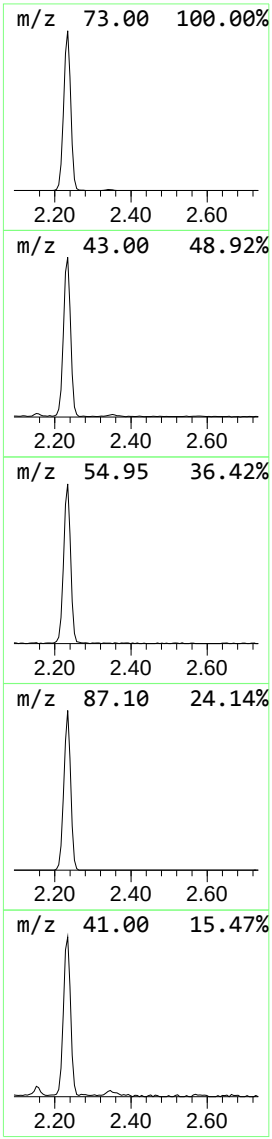
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.234	21.50 ng	1124710	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
Data File : BF125078.D
Acq On : 17 Aug 2021 20:34
Operator : JU/CG
Sample : M3412-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG-1

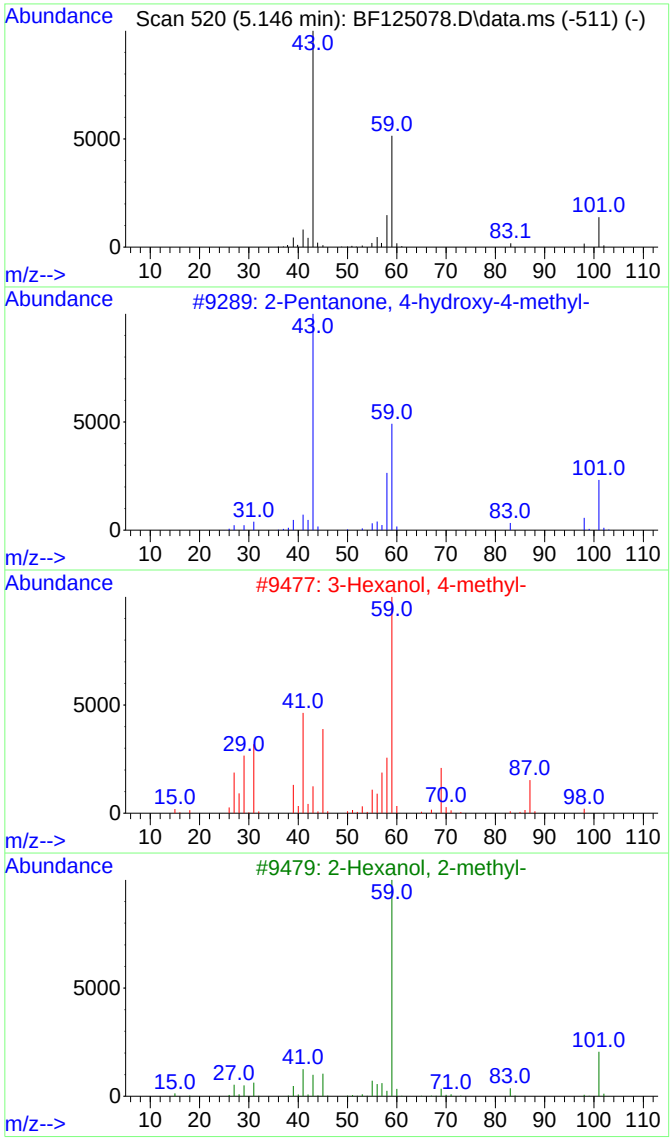
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

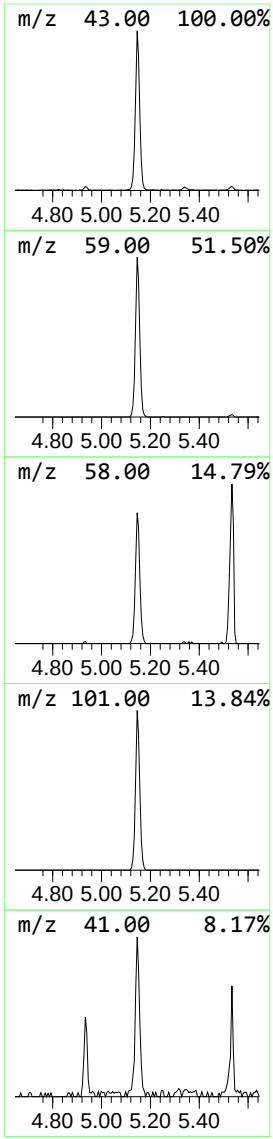
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.146	9.11 ng	476457	1,4-Dichlorobenzene-d4	6.916

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-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
Data File : BF125078.D
Acq On : 17 Aug 2021 20:34
Operator : JU/CG
Sample : M3412-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PG-1

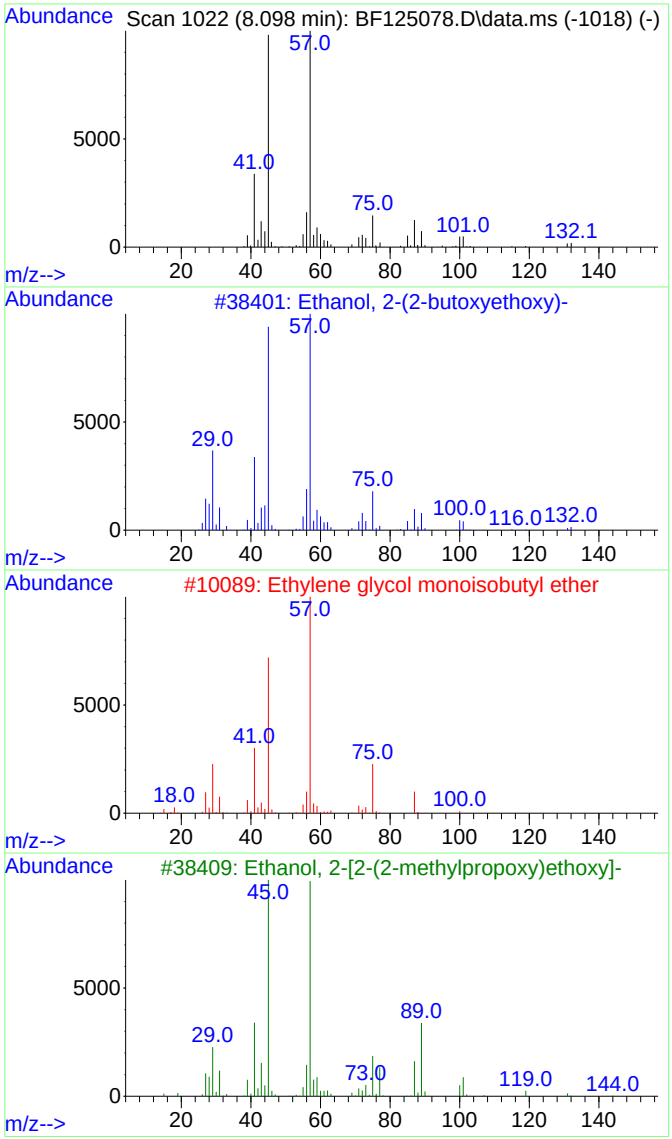
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

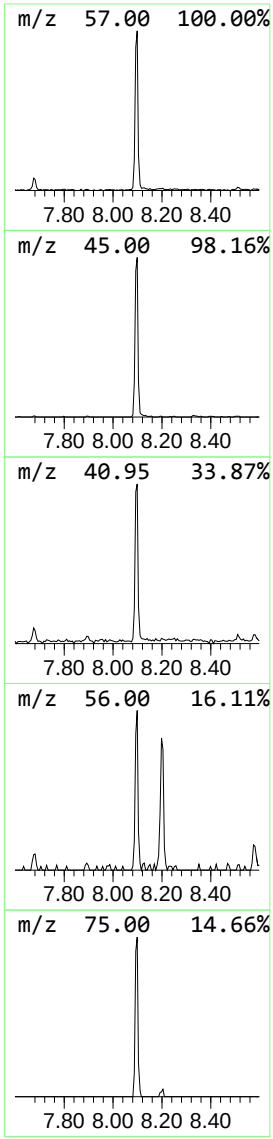
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.098	4.00 ng	274284	Naphthalene-d8	8.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
4	Tetraethylene glycol	194	C8H18O5	000112-60-7	53
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
Data File : BF125078.D
Acq On : 17 Aug 2021 20:34
Operator : JU/CG
Sample : M3412-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

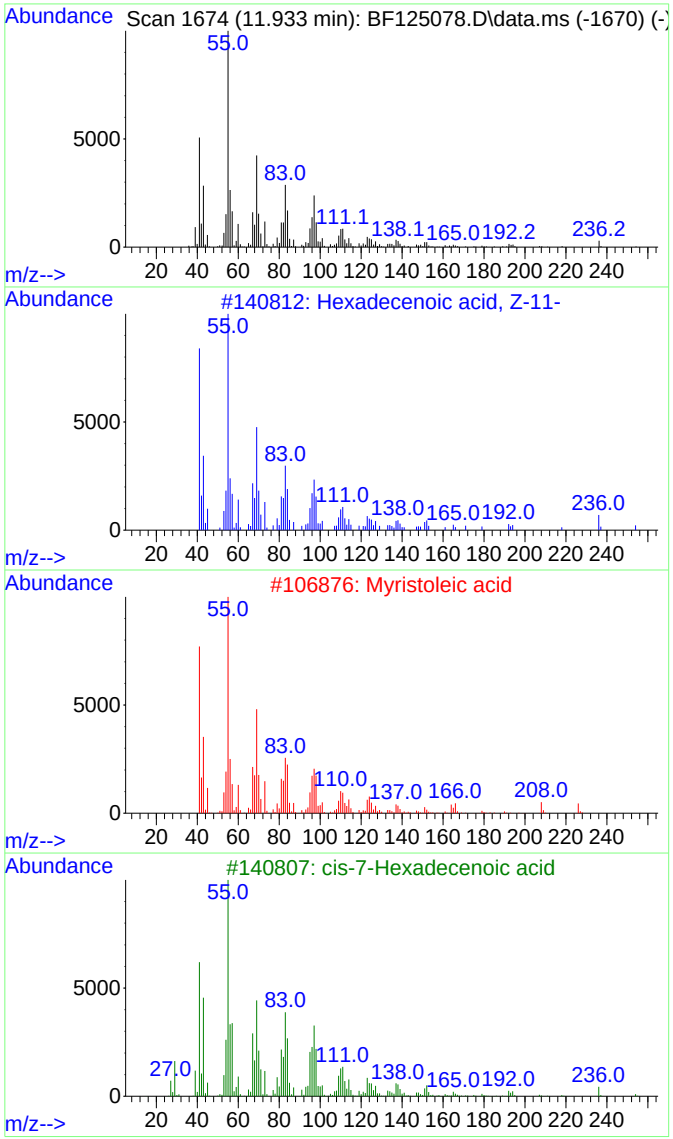
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

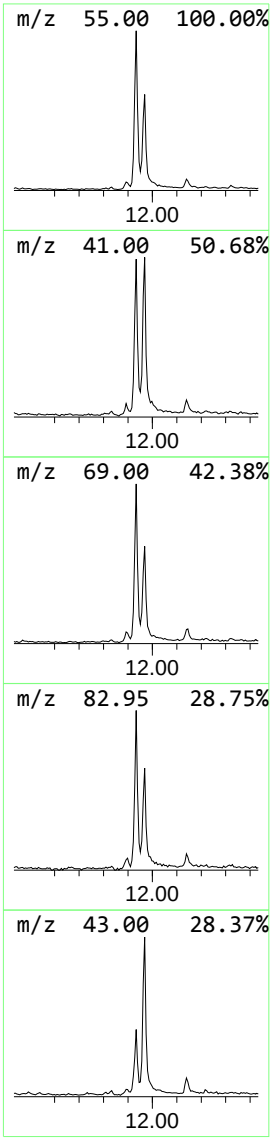
****

Peak Number 4 Hexadecenoic acid, Z-11- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	12.24 ng	893698	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	83
2	Myristoleic acid	226	C14H26O2	000544-64-9	80
3	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	74
4	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	68
5	Z-7-Tetradecenoic acid	226	C14H26O2	1000130-98-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
Data File : BF125078.D
Acq On : 17 Aug 2021 20:34
Operator : JU/CG
Sample : M3412-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

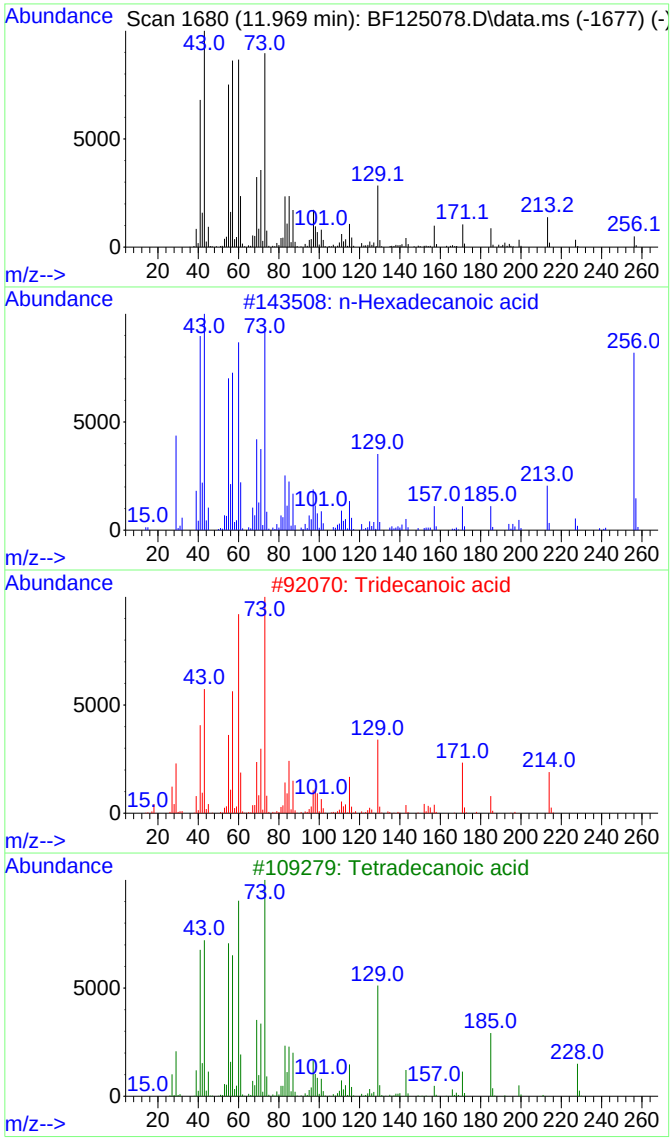
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

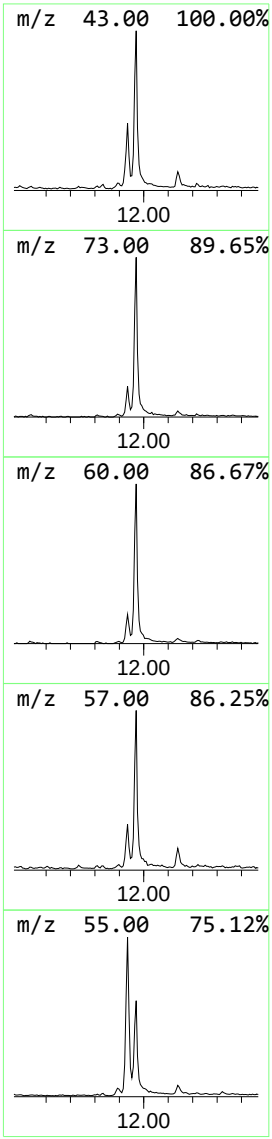
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	14.65 ng	1069880	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Isopropyl palmitate	298	C19H38O2	000142-91-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
Data File : BF125078.D
Acq On : 17 Aug 2021 20:34
Operator : JU/CG
Sample : M3412-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PG-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

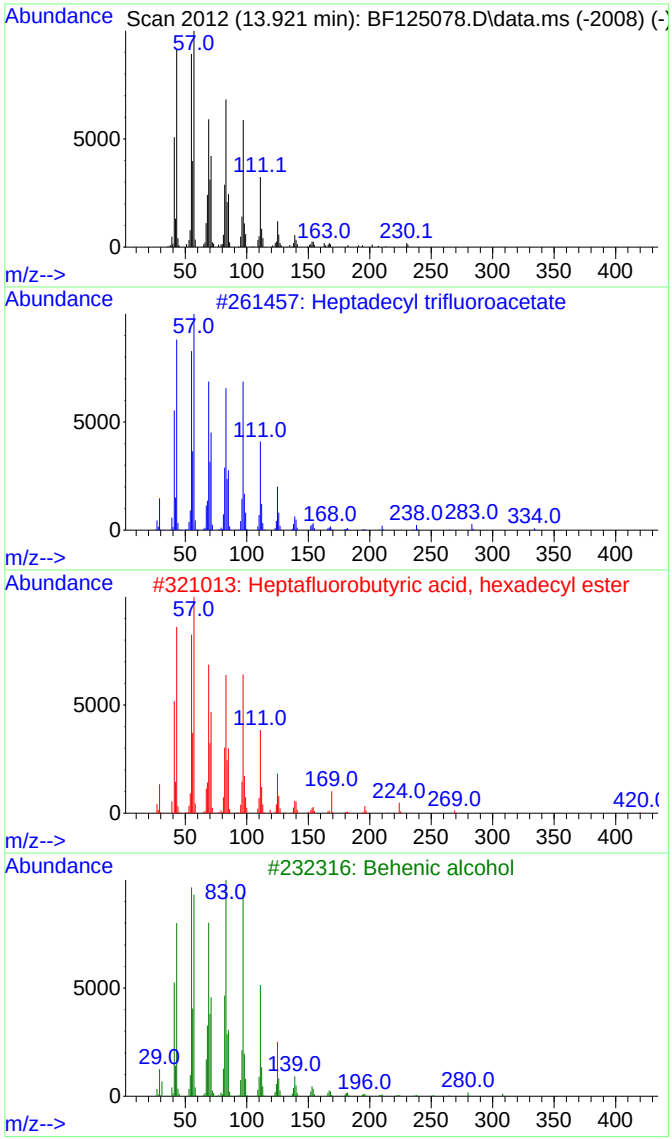
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

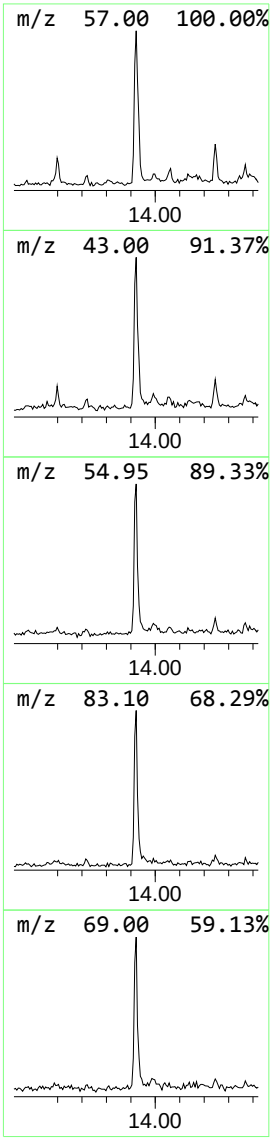
****

Peak Number 6 Heptadecyl trifluoroacetate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.922	7.43 ng	379457	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	94
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	1-Hexacosene	364	C26H52	018835-33-1	91
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
Data File : BF125078.D
Acq On : 17 Aug 2021 20:34
Operator : JU/CG
Sample : M3412-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

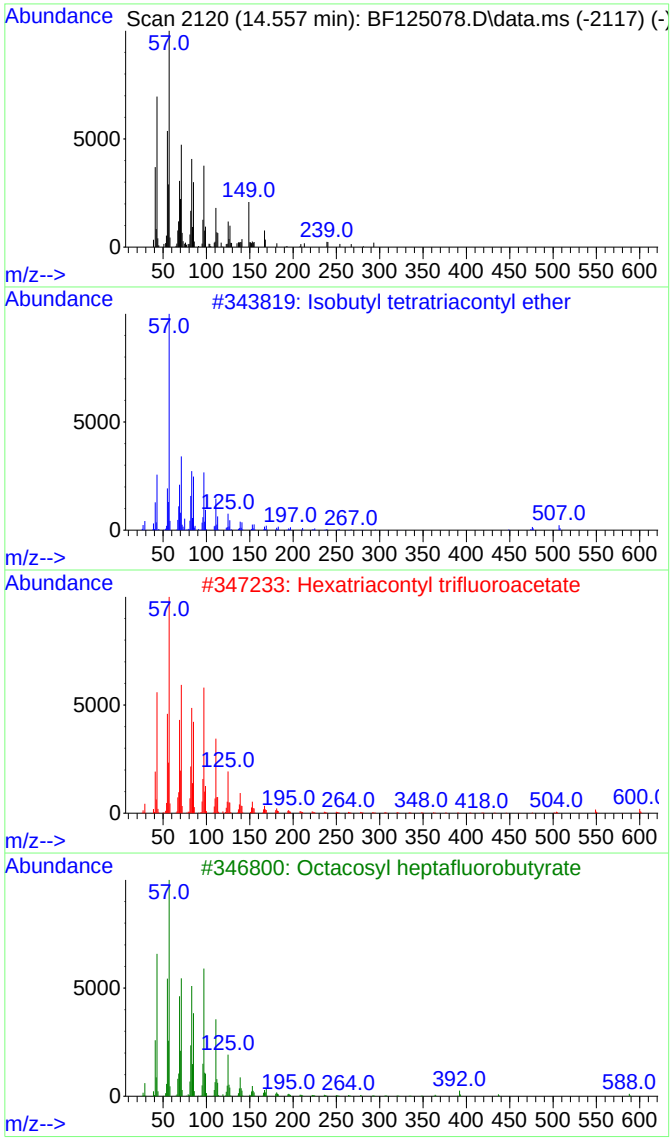
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

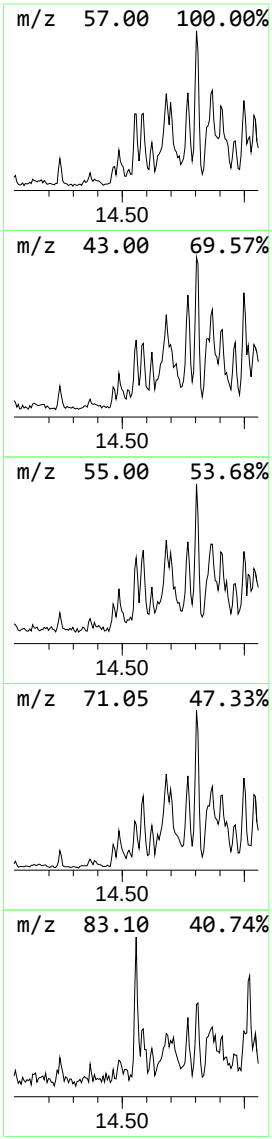
****

Peak Number 7 Isobutyl tetratriacontyl ether Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.557	3.25 ng	166177	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutyl tetratriacontyl ether	551	C38H78O	1000406-33-7	87
2	Hexatriacontyl trifluoroacetate	619	C38H73F3O2	1000351-88-6	83
3	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1010351-83-6	83
4	Tetratriacontyl trifluoroacetate	591	C36H69F3O2	1000351-75-3	83
5	Dotriacontyl trifluoroacetate	562	C34H65F3O2	1000351-75-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
Data File : BF125078.D
Acq On : 17 Aug 2021 20:34
Operator : JU/CG
Sample : M3412-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

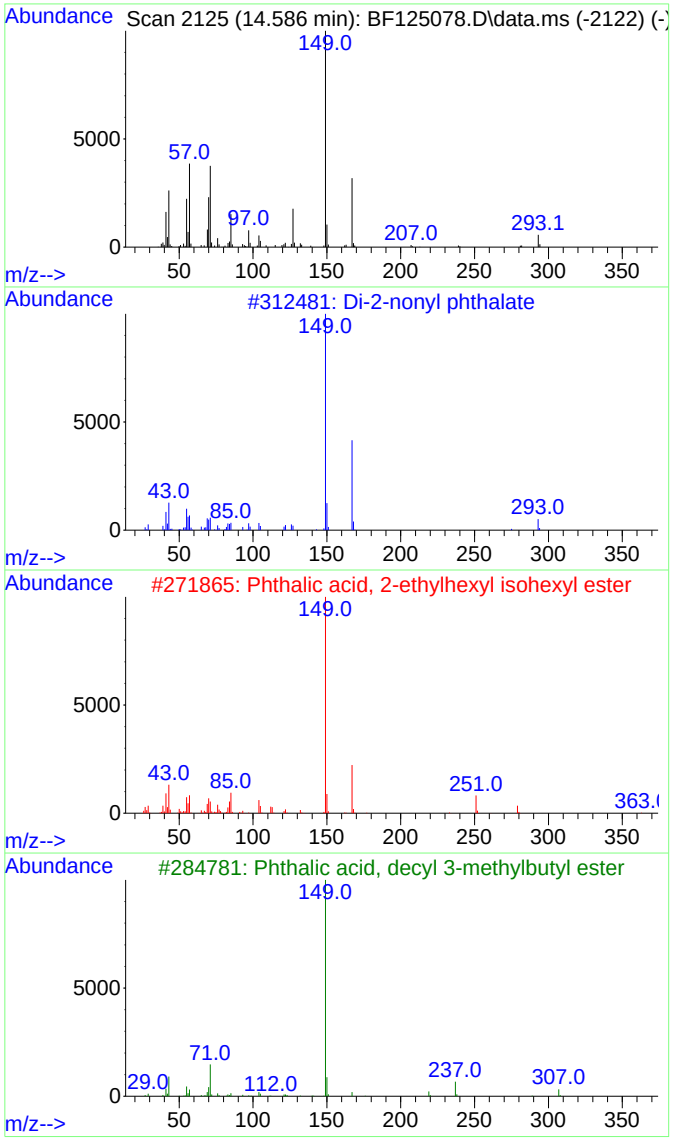
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

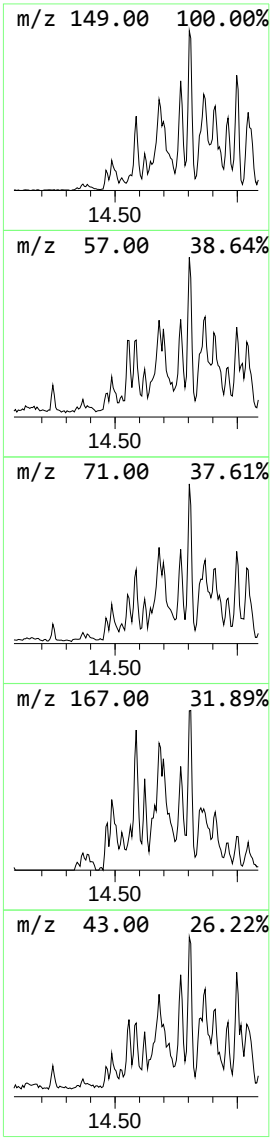
****

Peak Number 8 Di-2-nonyl phthalate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.586	4.18 ng	213534	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-2-nonyl phthalate	418	C26H42O4	059431-96-8	64
2	Phthalic acid, 2-ethylhexyl isoh...	362	C22H34O4	1000308-98-5	53
3	Phthalic acid, decyl 3-methylbut...	376	C23H36O4	1000356-81-1	53
4	Phthalic acid, cycloheptyl isohe...	346	C21H30O4	1000322-83-1	52
5	Phthalic acid, di(hept-2-yl) ester	362	C22H34O4	1000356-98-3	50





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Acq On : 17 Aug 2021 20:34
Operator : JU/CG
Sample : M3412-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PG-1

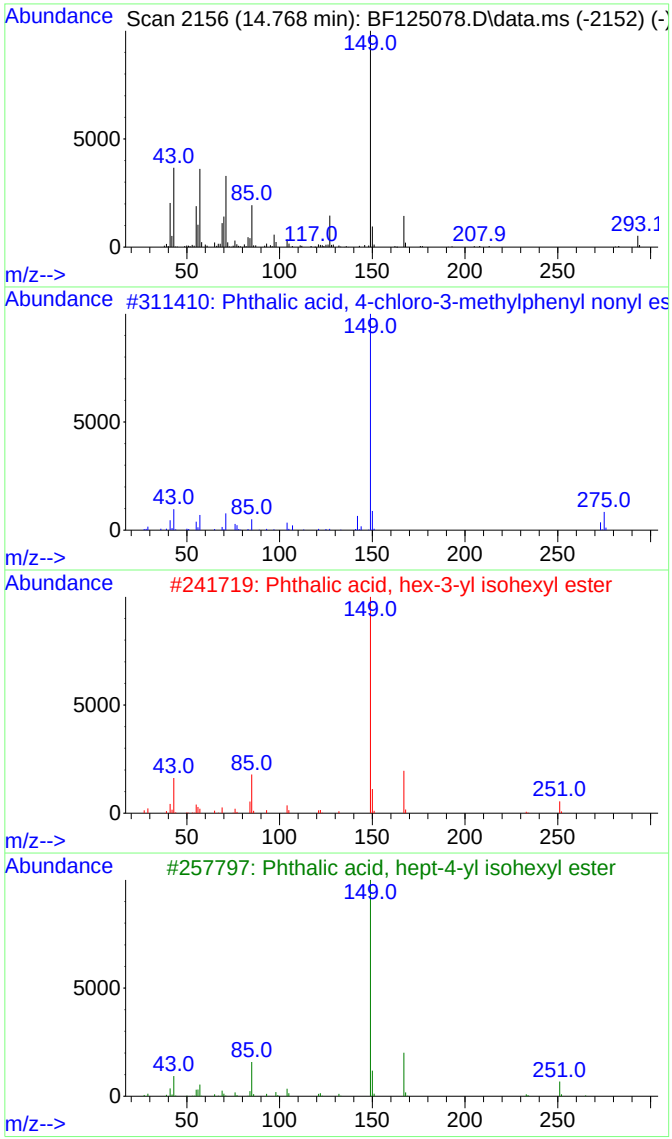
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

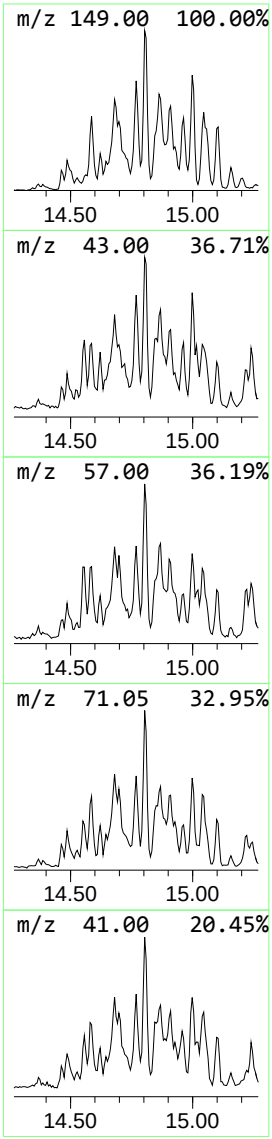
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phthalic acid, 4-chloro-3-m... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.769	6.05 ng	308882	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 4-chloro-3-methyl...	416	C24H29ClO4	1000309-85-0	59
2	Phthalic acid, hex-3-yl isohexyl...	334	C20H30O4	1000356-95-6	58
3	Phthalic acid, hept-4-yl isohexy...	348	C21H32O4	1000356-78-6	53
4	1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	53
5	Phthalic acid, dodecyl 3-methylb...	404	C25H40O4	1000356-81-3	53





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Sample : M3412-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

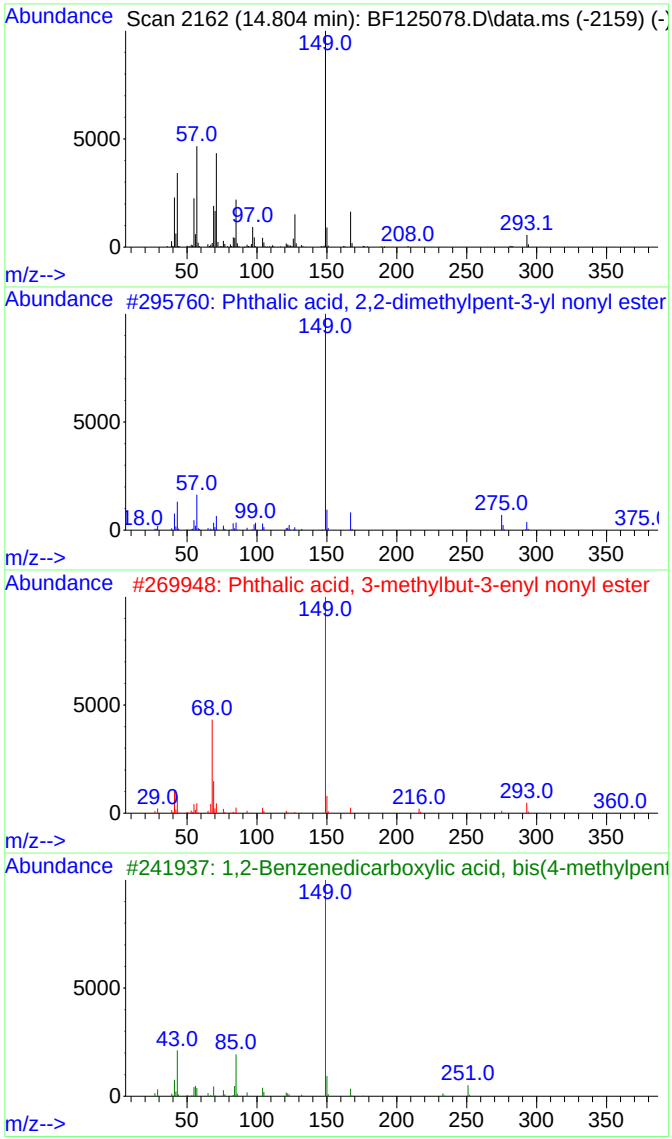
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

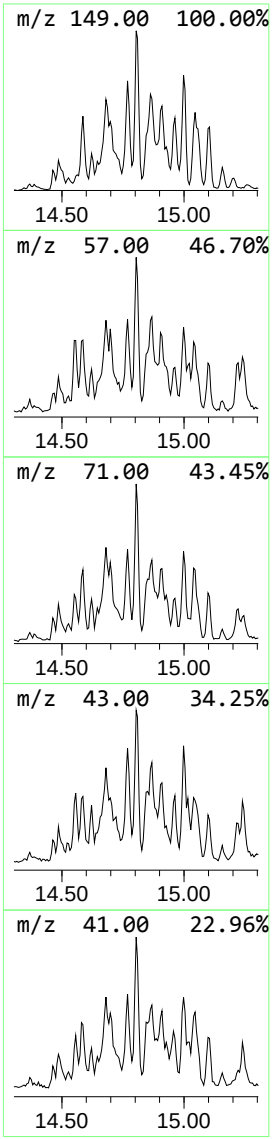
****

Peak Number 10 unknown14.804 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.804	11.08 ng	565925	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2,2-dimethylpent-...	390	C24H38O4	1000415-53-2	47
2	Phthalic acid, 3-methylbut-3-eny...	360	C22H32O4	1010357-10-7	43
3	1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	43
4	1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	007299-89-0	43
5	Phthalic acid, 3-ethylphenyl iso...	354	C22H26O4	1000357-08-0	43





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Sample : M3412-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

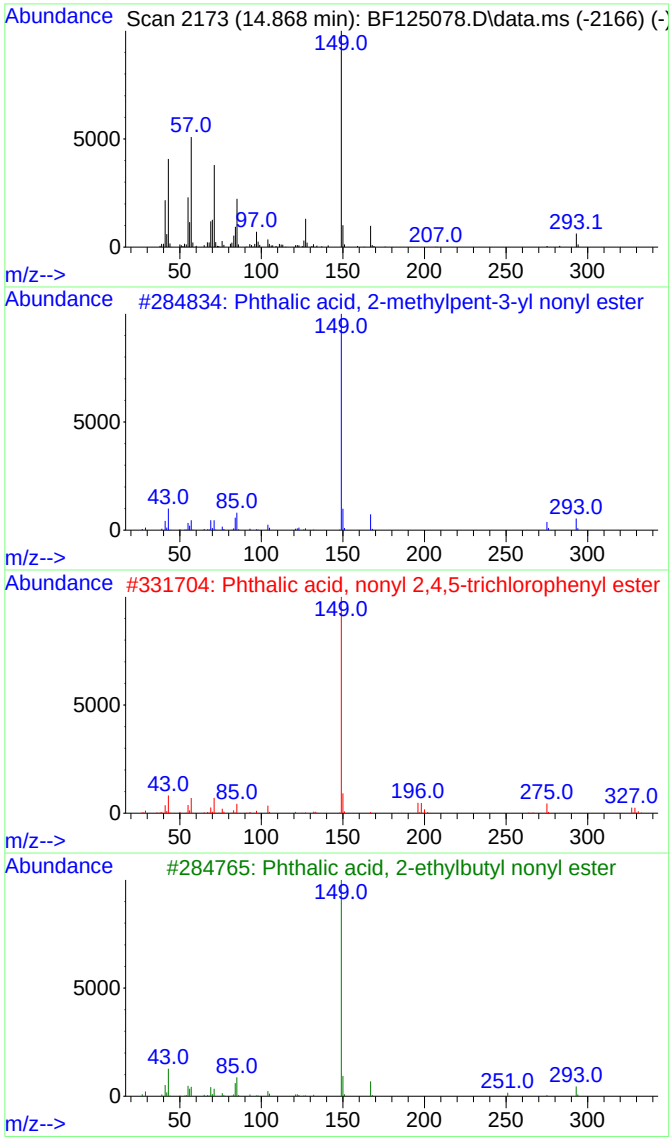
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

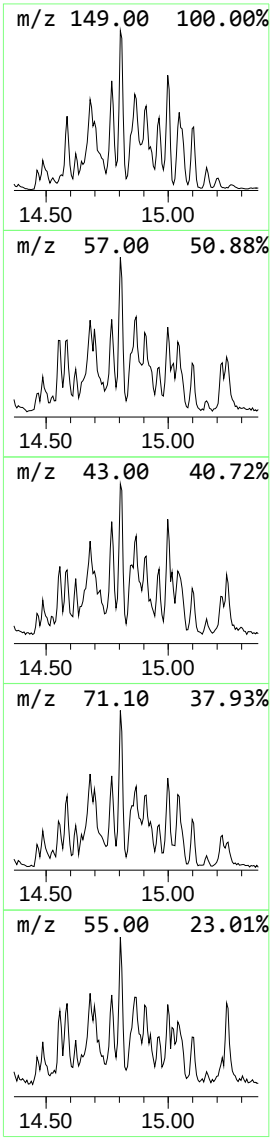
****

Peak Number 11 Phthalic acid, 2-methylpent... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.868	16.67 ng	658966	Perylene-d12	15.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2-methylpent-3-yl...	376	C23H36O4	1000356-91-4	59
2	Phthalic acid, nonyl 2,4,5-trich...	470	C23H25Cl3O4	1010357-04-9	59
3	Phthalic acid, 2-ethylbutyl nony...	376	C23H36O4	1000356-89-4	59
4	Phthalic acid, 2,2-dimethylpent-...	390	C24H38O4	1000415-53-2	53
5	Phthalic acid, 4-methylpent-2-yl...	376	C23H36O4	1000356-87-9	53





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Acq On : 17 Aug 2021 20:34
Operator : JU/CG
Sample : M3412-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

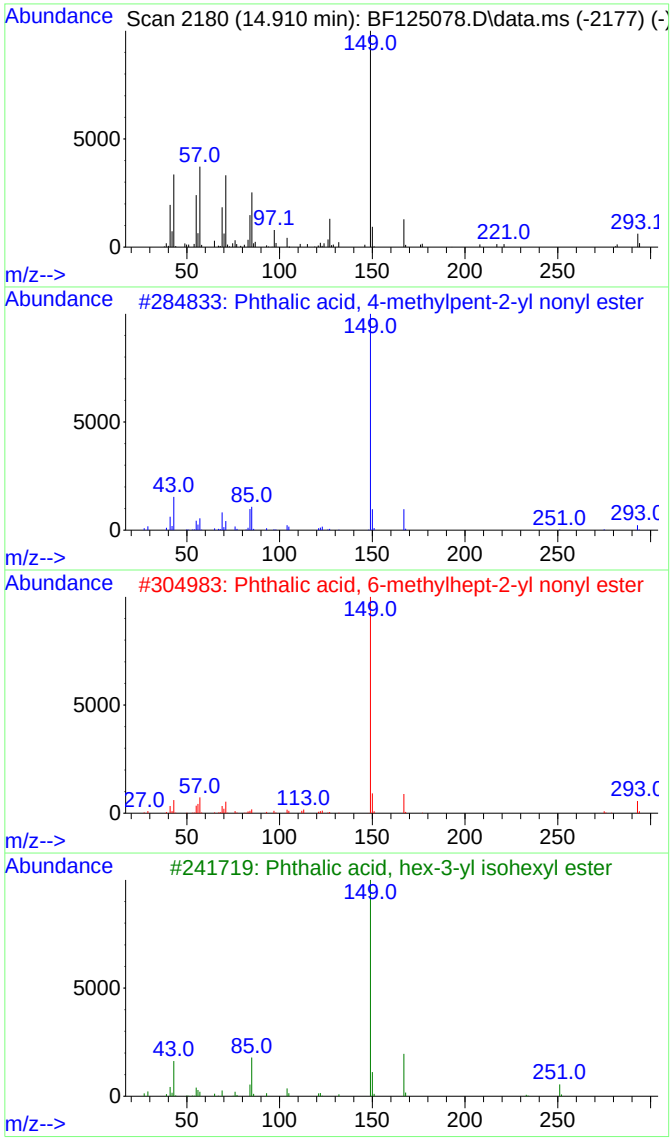
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

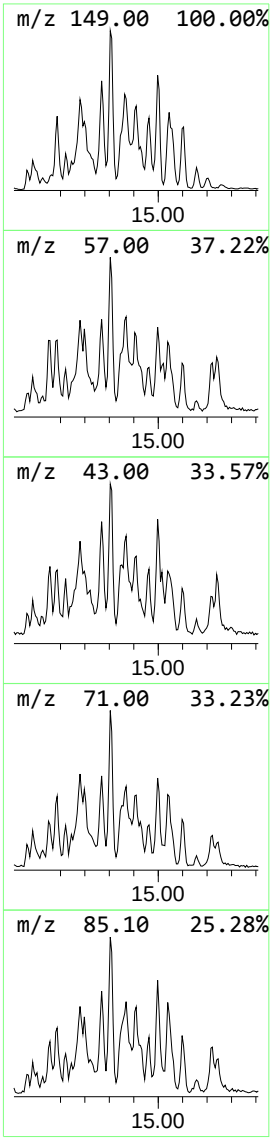
****

Peak Number 12 Phthalic acid, 4-methylpent... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.910	7.41 ng	292896	Perylene-d12	15.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 4-methylpent-2-yl...	376	C23H36O4	1000356-87-9	59
2	Phthalic acid, 6-methylhept-2-yl...	404	C25H40O4	1000377-96-3	53
3	Phthalic acid, hex-3-yl isohexyl...	334	C20H30O4	1000356-95-6	53
4	Phthalic acid, 2-ethylbutyl nony...	376	C23H36O4	1000356-89-4	53
5	Phthalic acid, 4-methylpent-2-yl...	362	C22H34O4	1000356-87-8	53





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Sample : M3412-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG-1

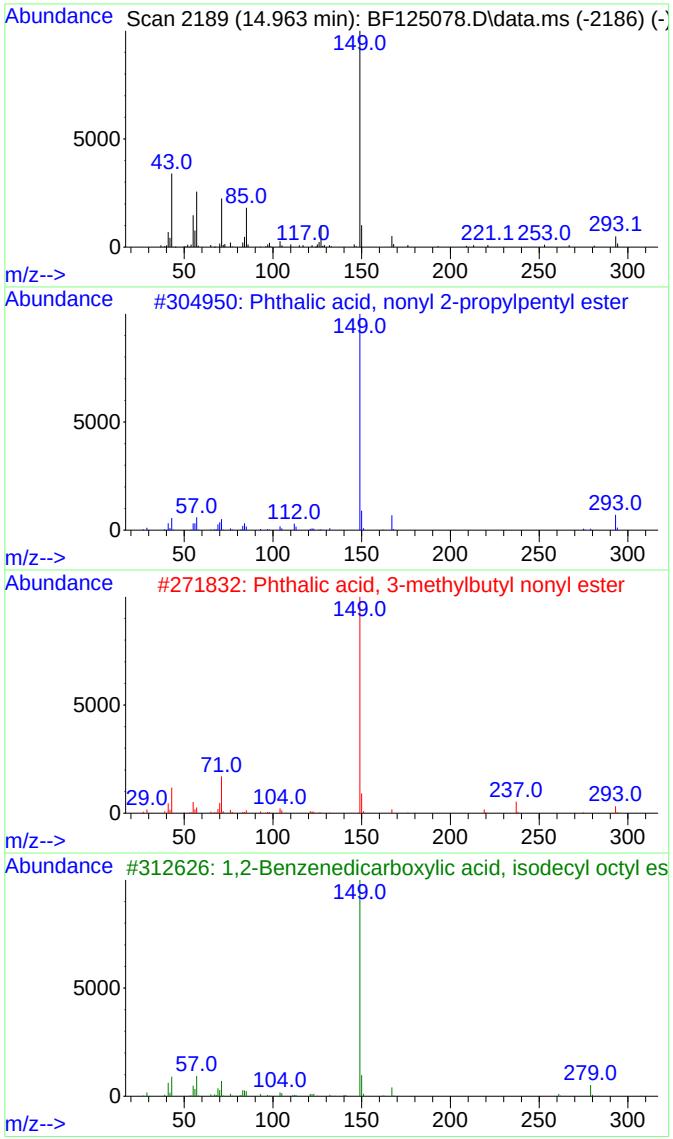
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

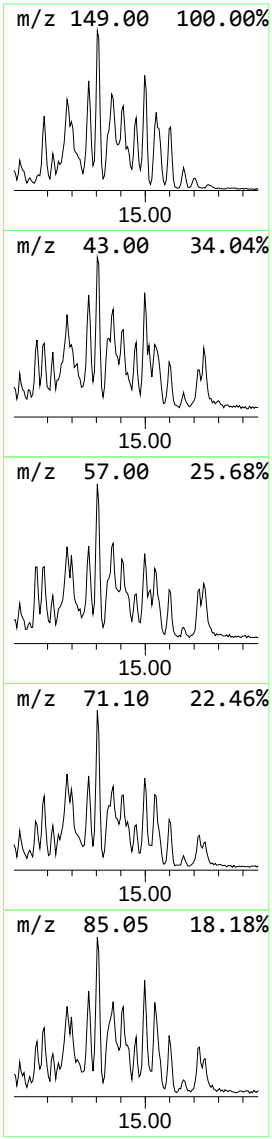
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phthalic acid, nonyl 2-prop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.963	4.53 ng	179207	Perylene-d12	15.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, nonyl 2-propylpen...	404	C25H40O4	1000377-92-5	59
2	Phthalic acid, 3-methylbutyl non...	362	C22H34O4	1000356-81-0	59
3	1,2-Benzenedicarboxylic acid, is...	418	C26H42O4	001330-96-7	59
4	Phthalic acid, hexyl 2-methylpen...	334	C20H30O4	1010356-91-1	53
5	Phthalic acid, 2-ethylbutyl hexy...	334	C20H30O4	1000356-89-1	53





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Sample : M3412-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG-1

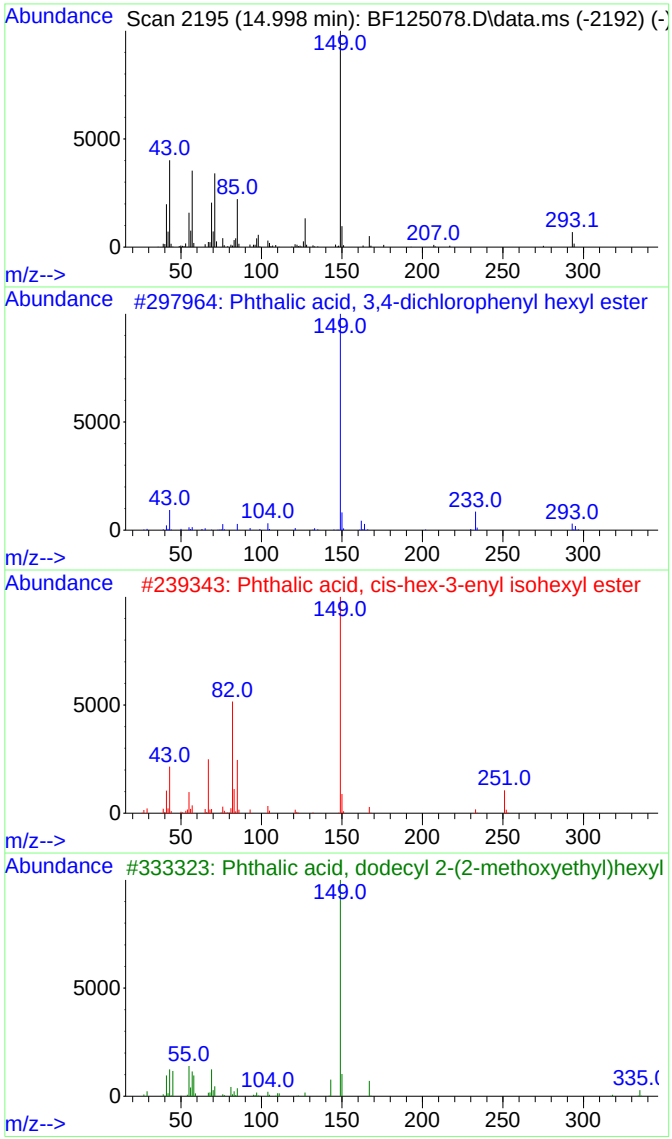
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

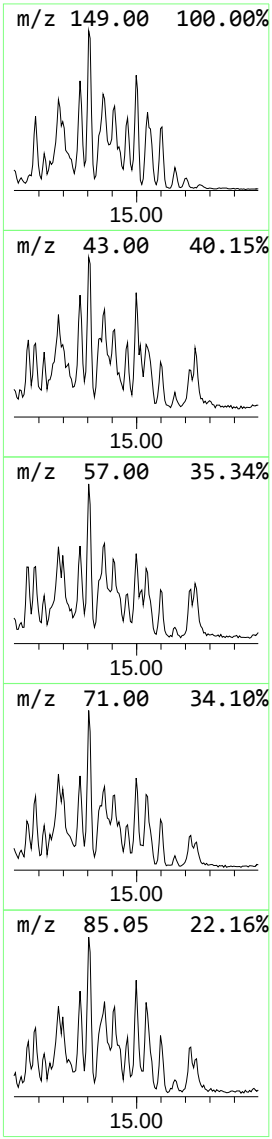
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phthalic acid, 3,4-dichloro... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.998	9.30 ng	367794	Perylene-d12	15.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 3,4-dichloropheny...	394	C20H20Cl2O4	1000315-27-5	53
2	Phthalic acid, cis-hex-3-enyl is...	332	C20H28O4	1000360-36-7	53
3	Phthalic acid, dodecyl 2-(2-meth...	476	C29H48O5	1000314-93-6	53
4	Phthalic acid, di(2-methylbutyl)...	306	C18H26O4	1000322-82-5	50
5	Phthalic acid, 2-methylpent-3-yl...	376	C23H36O4	1000356-91-4	50





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Operator : JU/CG
Sample : M3412-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG-1

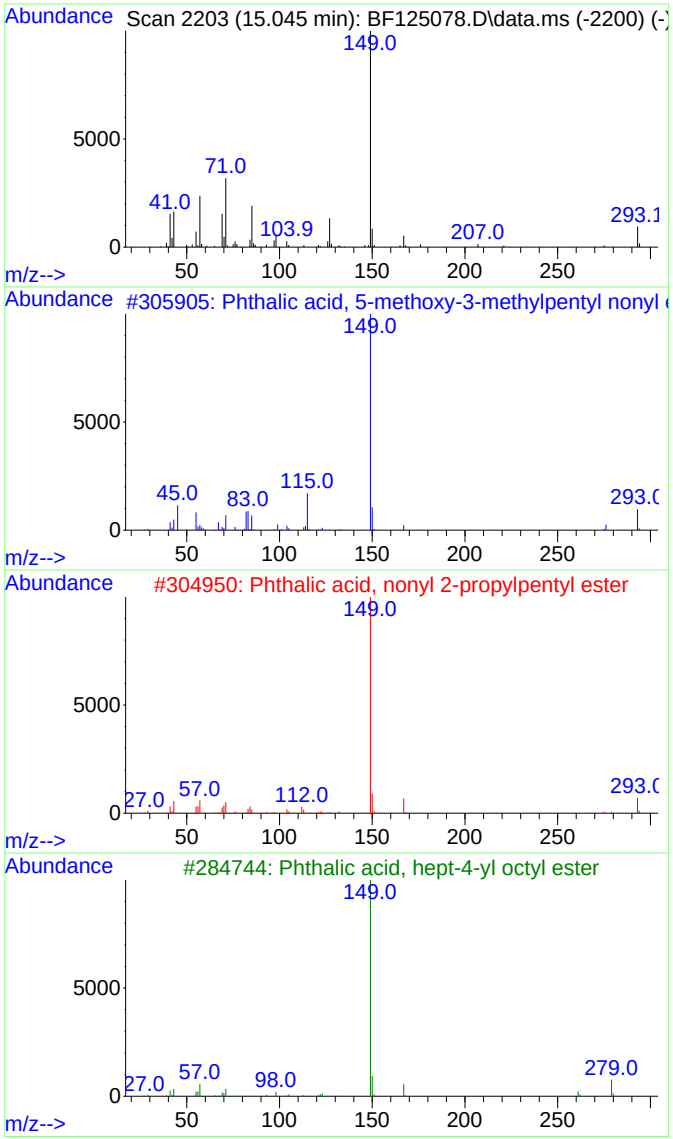
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

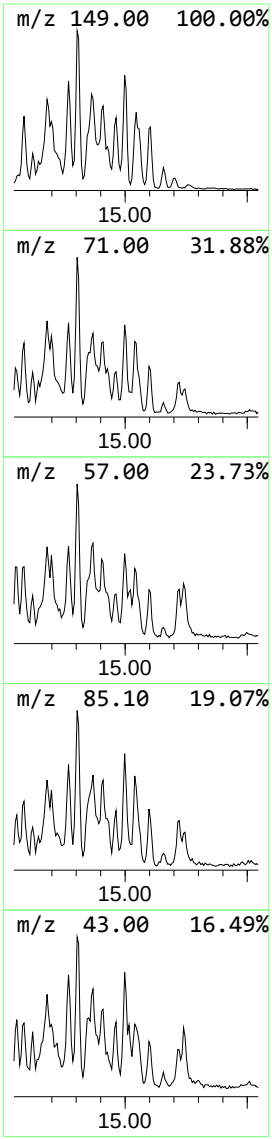
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phthalic acid, 5-methoxy-3-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.045	9.30 ng	367799	Perylene-d12	15.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 5-methoxy-3-methy...	406	C24H38O5	1000314-89-0	50
2	Phthalic acid, nonyl 2-propylpen...	404	C25H40O4	1000377-92-5	50
3	Phthalic acid, hept-4-yl octyl e...	376	C23H36O4	1000356-78-9	47
4	1,2-Benzenedicarboxylic acid, is...	418	C26H42O4	001330-96-7	47
5	Phthalic acid, 2,4-dimethylpent-...	362	C22H34O4	1000356-84-6	43





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Sample : M3412-01
Misc :
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Instrument : BNA_F
ClientSampleId : PG-1

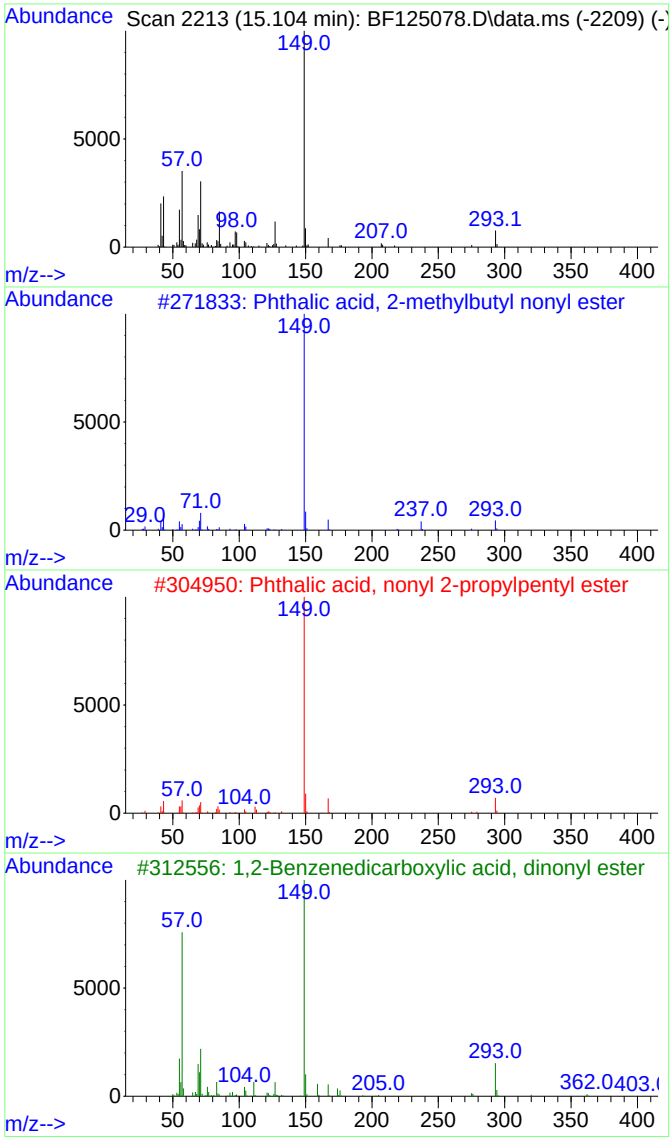
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

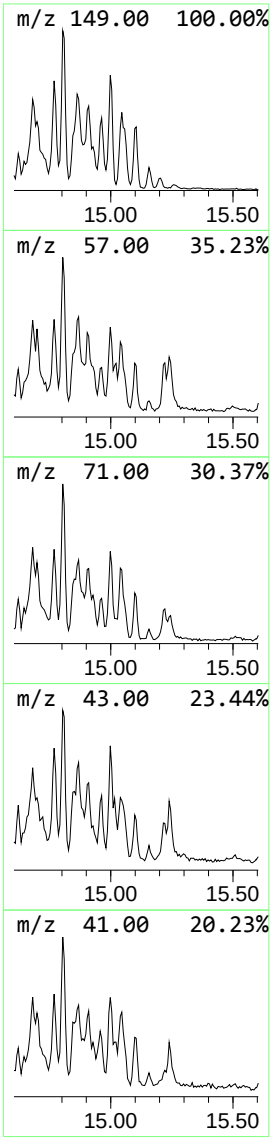
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phthalic acid, 2-methylbuty... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	4.56 ng	180099	Perylene-d12	15.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2-methylbutyl non...	362	C22H34O4	1000322-81-7	64
2	Phthalic acid, nonyl 2-propylpen...	404	C25H40O4	1000377-92-5	59
3	1,2-Benzenedicarboxylic acid, di...	418	C26H42O4	000084-76-4	59
4	Phthalic acid, 3-methylbutyl pen...	446	C28H46O4	1000356-81-6	59
5	Phthalic acid, isohexyl nonyl ester	376	C23H36O4	1000309-07-2	59





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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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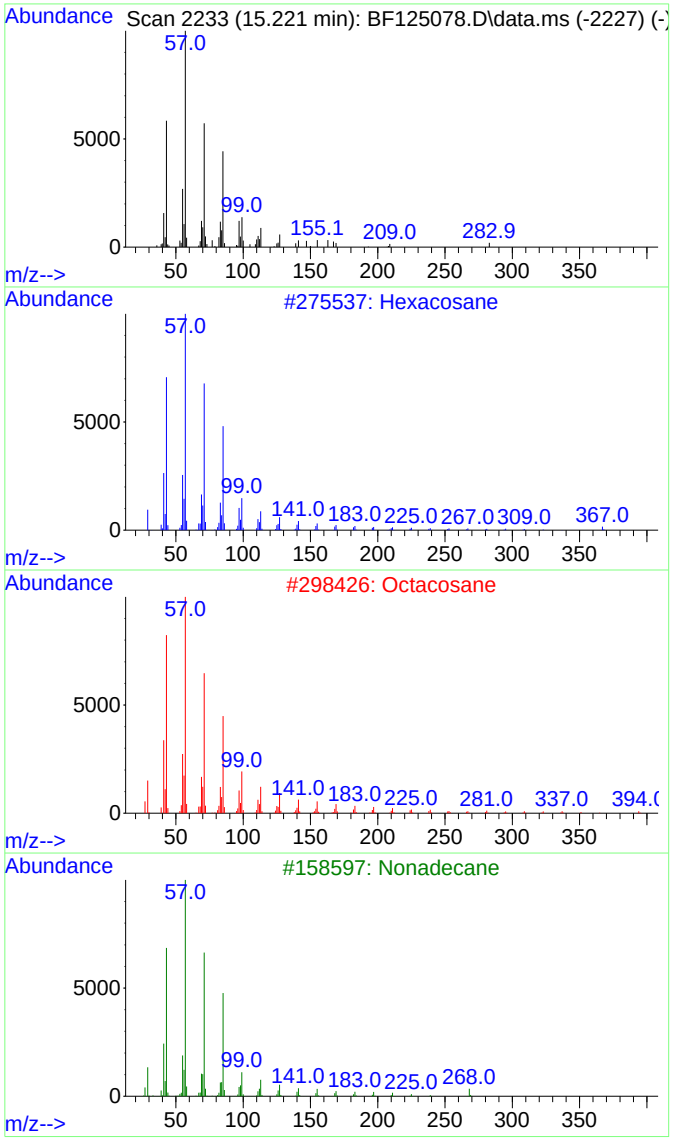
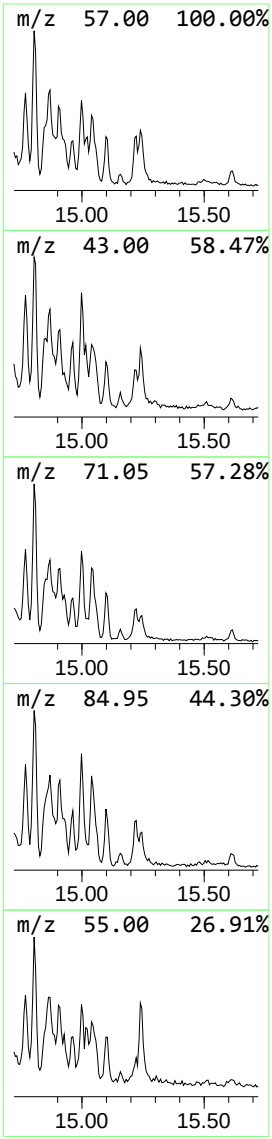
Peak Number 17 Hexacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.221	2.58 ng	101942	Perylene-d12	15.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Nonadecane	268	C19H40	000629-92-5	87
4	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	86
5	Octadecane	254	C18H38	000593-45-3	86





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BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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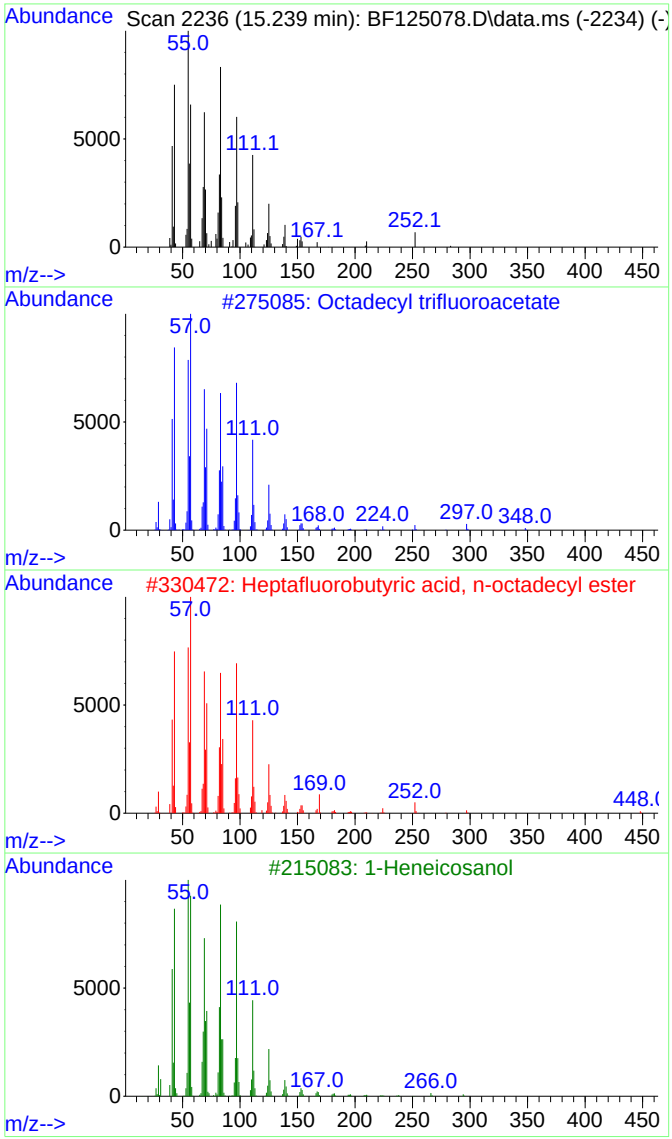
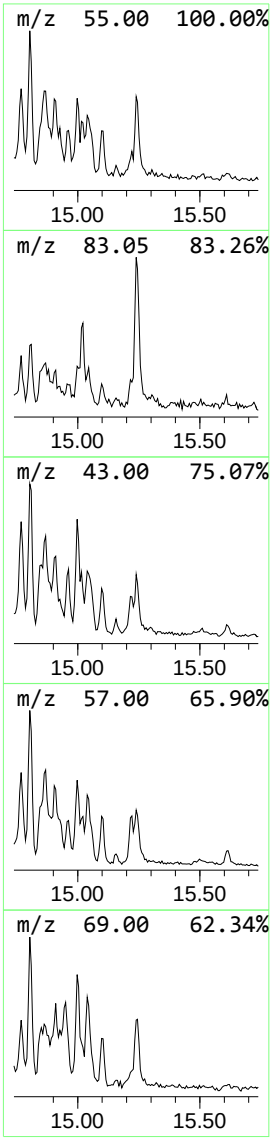
Peak Number 18 Octadecyl trifluoroacetate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.239	5.49 ng	216885	Perylene-d12	15.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	90
2	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	90
3	1-Heneicosanol	312	C21H44O	015594-90-8	86
4	E-7-Octadecene	252	C18H36	1000130-92-0	86
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	83





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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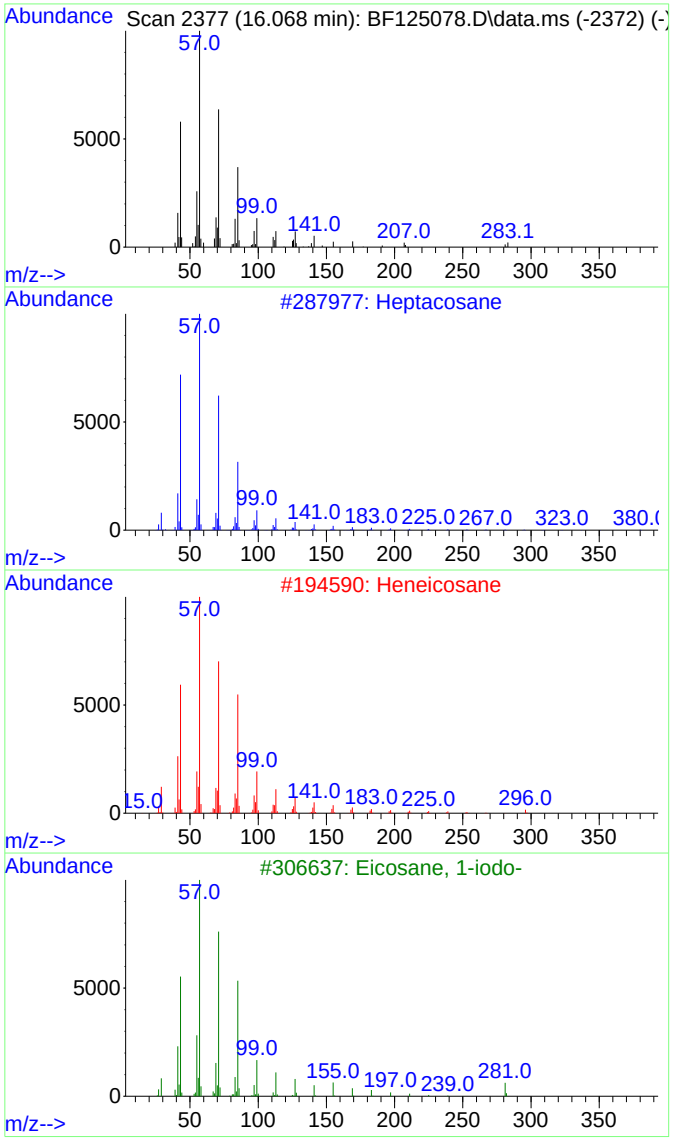
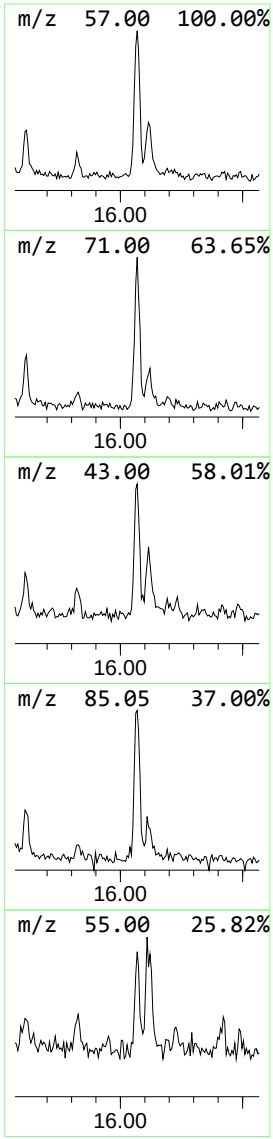
Peak Number 19 Heptacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.068	2.81 ng	111180	Perylene-d12	15.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heneicosane	296	C21H44	000629-94-7	87
3	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	87
4	Hentriacontane	437	C31H64	000630-04-6	87
5	Hexacosane	366	C26H54	000630-01-3	87





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Acq On : 17 Aug 2021 20:34
Operator : JU/CG
Sample : M3412-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

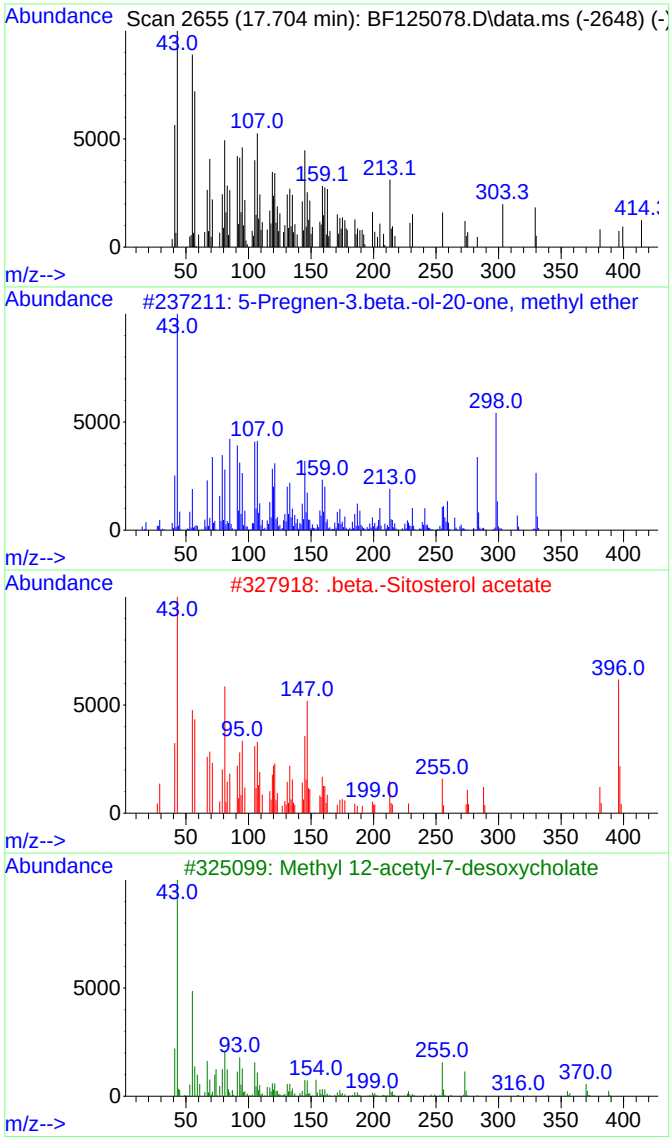
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

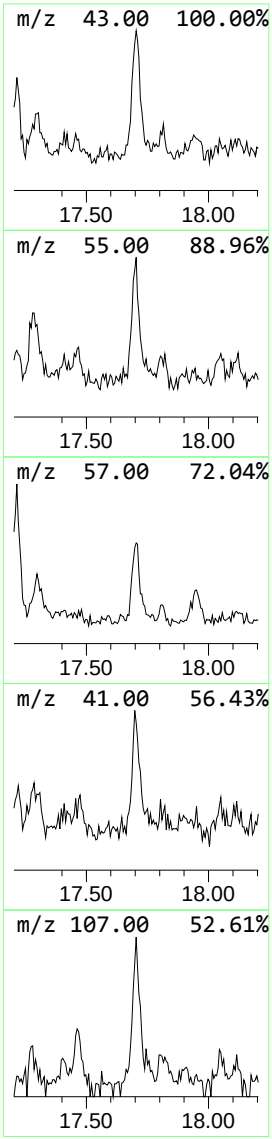
****

Peak Number 20 unknown17.704 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.704	8.12 ng	321154	Perylene-d12	15.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Pregnen-3.beta.-ol-20-one, met...	330	C22H34O2	1000364-94-5	43
2	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	38
3	Methyl 12-acetyl-7-desoxycholate	448	C27H44O5	055547-48-3	32
4	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	22
5	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
Data File : BF125078.D
Acq On : 17 Aug 2021 20:34
Operator : JU/CG
Sample : M3412-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PG-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.234	21.5	ng	1124710	1	6.916	1046350	20.0
2-Pentanone, 4-...	5.146	9.1	ng	476457	1	6.916	1046350	20.0
Ethanol, 2-(2-b...	8.098	4.0	ng	274284	2	8.204	1371610	20.0
Hexadecenoic ac...	11.933	12.2	ng	893698	4	11.445	1460410	20.0
n-Hexadecanoic ...	11.969	14.7	ng	1069880	4	11.445	1460410	20.0
Heptadecyl trif...	13.922	7.4	ng	379457	5	14.080	1021930	20.0
Isobutyl tetrat...	14.557	3.3	ng	166177	5	14.080	1021930	20.0
Di-2-nonyl phth...	14.586	4.2	ng	213534	5	14.080	1021930	20.0
Phthalic acid, ...	14.769	6.0	ng	308882	5	14.080	1021930	20.0
unknown14.804	14.804	11.1	ng	565925	5	14.080	1021930	20.0
Phthalic acid, ...	14.868	16.7	ng	658966	6	15.574	790551	20.0
Phthalic acid, ...	14.910	7.4	ng	292896	6	15.574	790551	20.0
Phthalic acid, ...	14.963	4.5	ng	179207	6	15.574	790551	20.0
Phthalic acid, ...	14.998	9.3	ng	367794	6	15.574	790551	20.0
Phthalic acid, ...	15.045	9.3	ng	367799	6	15.574	790551	20.0
Phthalic acid, ...	15.104	4.6	ng	180099	6	15.574	790551	20.0
Hexacosane	15.221	2.6	ng	101942	6	15.574	790551	20.0
Octadecyl trifl...	15.239	5.5	ng	216885	6	15.574	790551	20.0
Heptacosane	16.068	2.8	ng	111180	6	15.574	790551	20.0
unknown17.704	17.704	8.1	ng	321154	6	15.574	790551	20.0