LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092320\
Data File : BP003360.D
Acq On : 23 Sep 2020 16:39
Operator : CG/JU
Sample : L4105-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MTB-SP

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_P\METHODS\8270-BP091520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP003360.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.705	303	309	318	rVB	68126	102317	1.08%	0.139%
2	5.181	383	390	408	rBV	2413758	3662041	38.56%	4.986%
3	6.769	646	660	676	rBV	2231476	3803484	40.05%	5.179%
4	7.175	724	729	734	rBV	76602	129032	1.36%	0.176%
5	7.234	734	739	747	rVB	69204	142501	1.50%	0.194%
6	7.563	787	795	804	rBV	702327	1069627	11.26%	1.456%
7	8.710	978	990	1004	rBV	1560171	2734933	28.80%	3.724%
8	10.340	1260	1267	1284	rBV	910132	1561671	16.44%	2.126%
9	10.993	1371	1378	1393	rVB	52573	106443	1.12%	0.145%
10	12.834	1683	1691	1701	rBV	4348586	6763378	71.21%	9.209%
11	13.098	1723	1736	1738	rBV3	44007	97611	1.03%	0.133%
12	13.675	1828	1834	1846	rVB	627559	895870	9.43%	1.220%
13	14.216	1919	1926	1934	rVB	1398424	2134536	22.48%	2.906%
14	15.710	2174	2180	2192	rBV2	3335917	4891769	51.51%	6.661%
15	16.963	2387	2393	2399	rBV	1734038	2500572	26.33%	3.405%
16	17.039	2403	2406	2410	rVV	219696	292861	3.08%	0.399%
17	17.081	2410	2413	2422	rVB4	73064	115304	1.21%	0.157%
18	17.363	2456	2461	2474	rVB4	136475	219039	2.31%	0.298%
19	17.892	2546	2551	2564	rBV2	304433	483383	5.09%	0.658%
20	18.992	2734	2738	2744	rBV	124598	168794	1.78%	0.230%
21	19.345	2794	2798	2803	rVB	126893	163406	1.72%	0.222%
22	19.551	2827	2833	2840	rVB	7412303	9497297	100.00%	12.931%
23	19.833	2877	2881	2884	rBV	207738	256936	2.71%	0.350%
24	19.863	2884	2886	2890	rVB	96376	105739	1.11%	0.144%
25	20.139	2930	2933	2937	rVB	92749	99773	1.05%	0.136%
26	20.792	3040	3044	3052	rBV	1687490	2160674	22.75%	2.942%
27	21.063	3085	3090	3094	rBV	2194661	2640253	27.80%	3.595%
28	21.227	3115	3118	3125	rVB	177501	201842	2.13%	0.275%
29	21.392	3144	3146	3151	rVB2	118673	136211	1.43%	0.185%
30	21.663	3186	3192	3202	rBV2	1240708	2025877	21.33%	2.758%
31	21.822	3216	3219	3227	rVB5	99394	194225	2.05%	0.264%
32	22.321	3300	3304	3314	rVB	305544	424457	4.47%	0.578%
33	22.598	3346	3351	3355	rBV	746071	1196041	12.59%	1.629%
34	22.639	3355	3358	3368	rVV	630905	998371	10.51%	1.359%
35	22.721	3370	3372	3379	rVB	103410	144145	1.52%	0.196%
36	23.251	3456	3462	3469	rVB2	1164591	2146848	22.60%	2.923%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092320\
Data File : BP003360.D
Acq On : 23 Sep 2020 16:39
Operator : CG/JU
Sample : L4105-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MTB-SP

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_P\METHODS\8270-BP091520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	23.463	3493	3498	3505	rVB	553286	930181	9.79%	1.267%
38	23.798	3549	3555	3562	rVB	800314	1502890	15.82%	2.046%
39	23.874	3562	3568	3581	rVV	627573	1384608	14.58%	1.885%
40	23.986	3583	3587	3598	rVB	157010	321690	3.39%	0.438%
41	24.527	3673	3679	3688	rVB5	172192	430953	4.54%	0.587%
42	24.968	3748	3754	3766	rVB	492722	1244073	13.10%	1.694%
43	25.410	3821	3829	3842	rVB3	555236	1874386	19.74%	2.552%
44	25.533	3847	3850	3861	rVV3	274976	688644	7.25%	0.938%
45	25.686	3863	3876	3892	rVB6	1776902	6098867	64.22%	8.304%
46	26.080	3937	3943	3951	rVB2	214714	569197	5.99%	0.775%
47	26.268	3968	3975	3993	rVB2	699005	2256732	23.76%	3.073%
48	27.827	4232	4240	4260	rVB8	437603	1874280	19.73%	2.552%

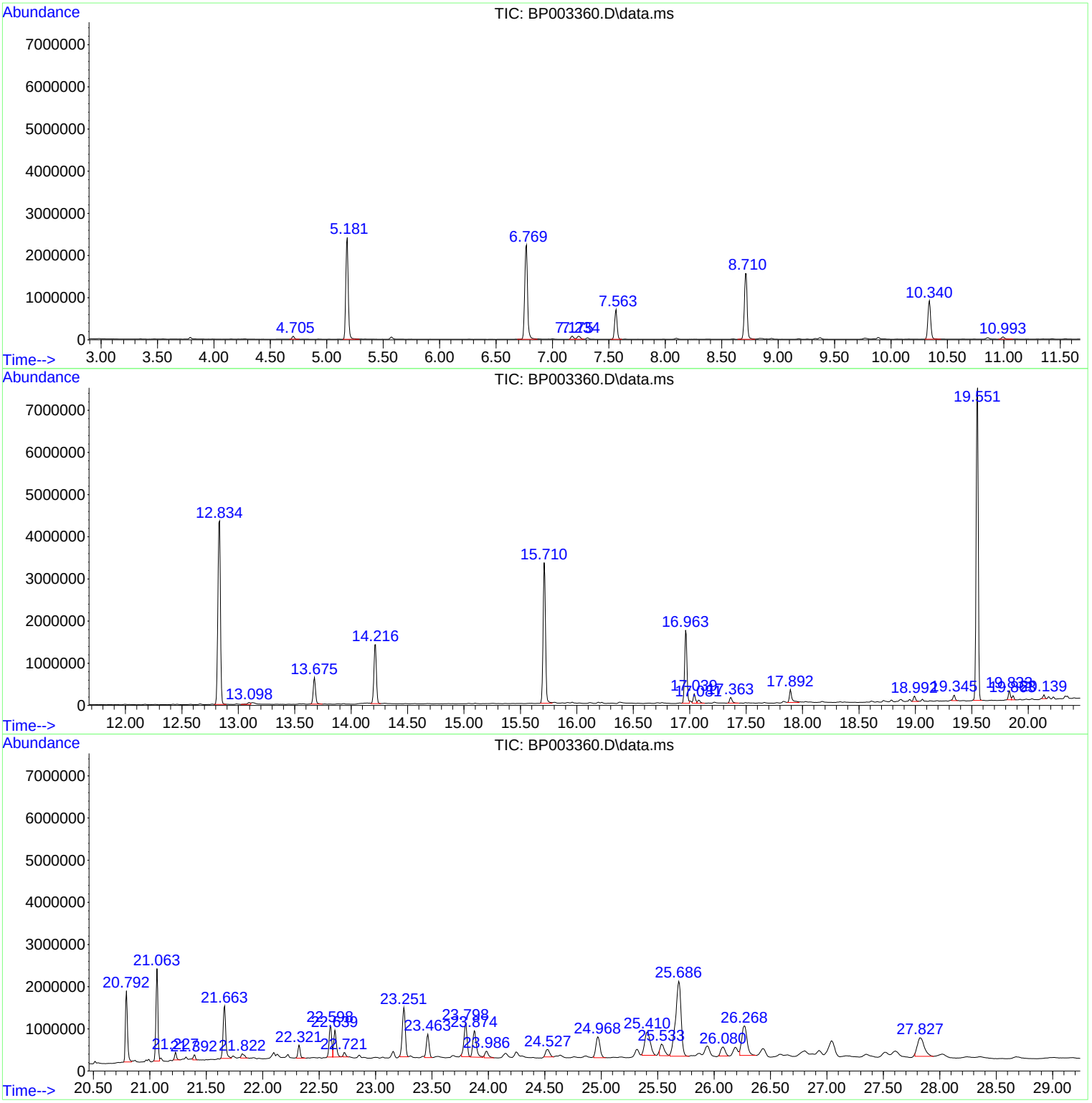
Sum of corrected areas: 73443762

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092320\
Data File : BP003360.D
Acq On : 23 Sep 2020 16:39
Operator : CG/JU
Sample : L4105-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MTB-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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_P\Data\BP092320\
Data File : BP003360.D
Acq On : 23 Sep 2020 16:39
Operator : CG/JU
Sample : L4105-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MTB-SP

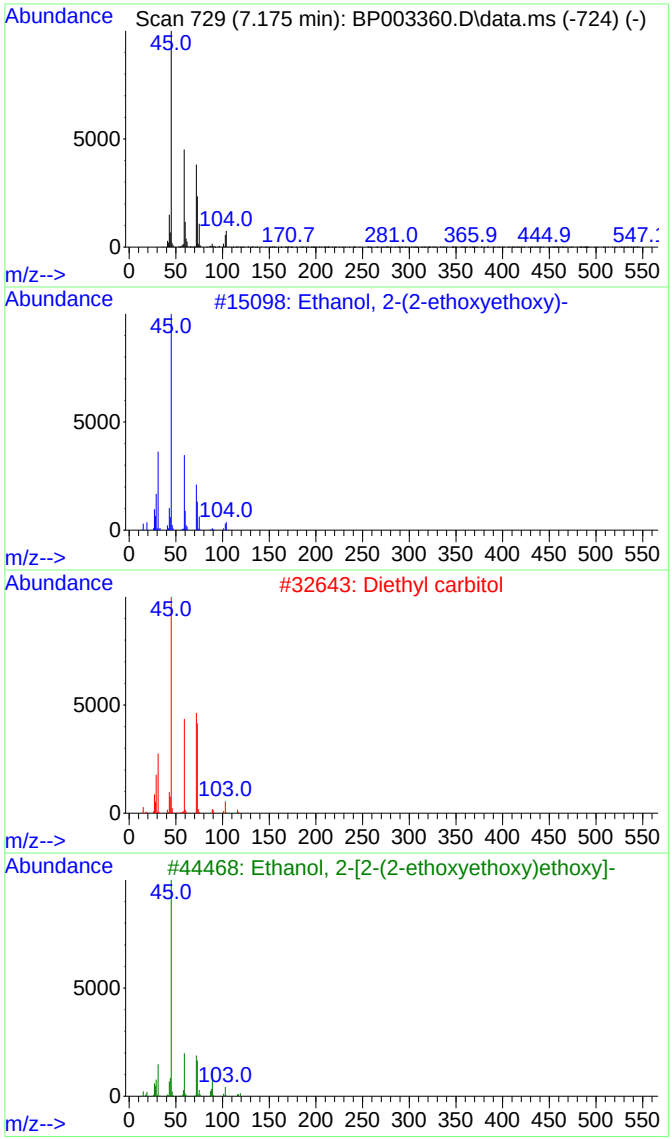
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

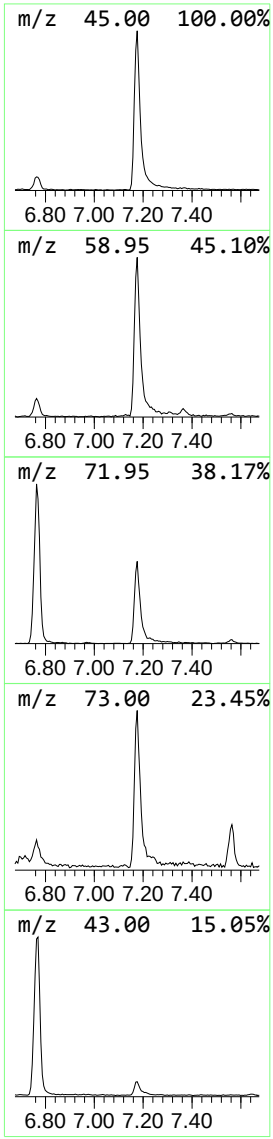
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.175	2.41 ng	129032	1,4-Dichlorobenzene-d4	7.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Diethyl carbitol	162	C8H18O3	000112-36-7	56
3	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	45
4	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	42
5	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092320\
Data File : BP003360.D
Acq On : 23 Sep 2020 16:39
Operator : CG/JU
Sample : L4105-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MTB-SP

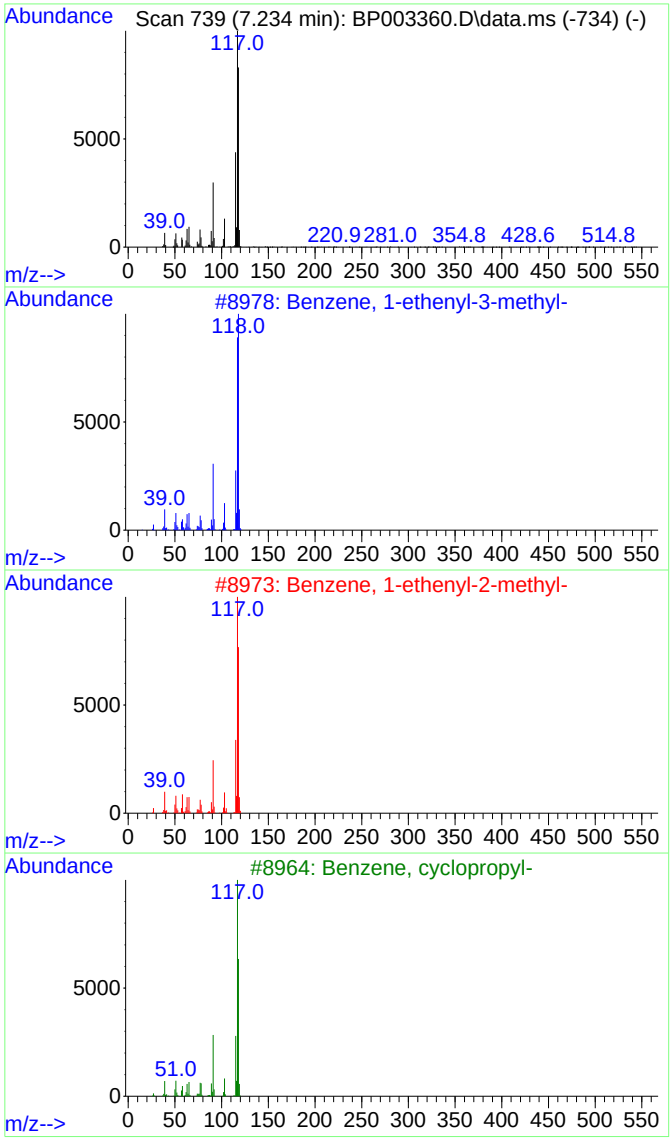
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

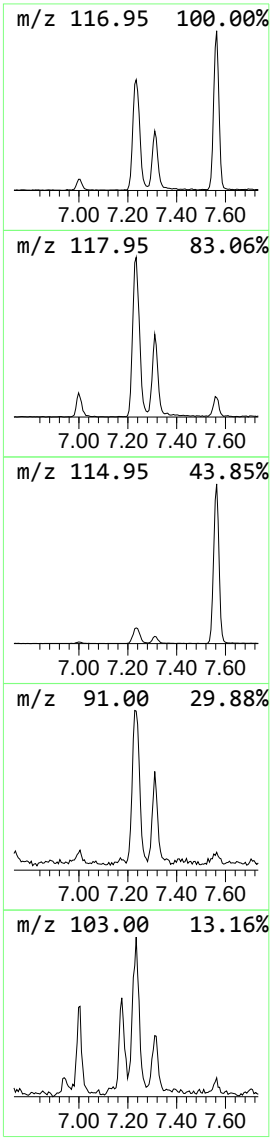
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethenyl-3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.234	2.66 ng	142501	1,4-Dichlorobenzene-d4	7.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092320\
Data File : BP003360.D
Acq On : 23 Sep 2020 16:39
Operator : CG/JU
Sample : L4105-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MTB-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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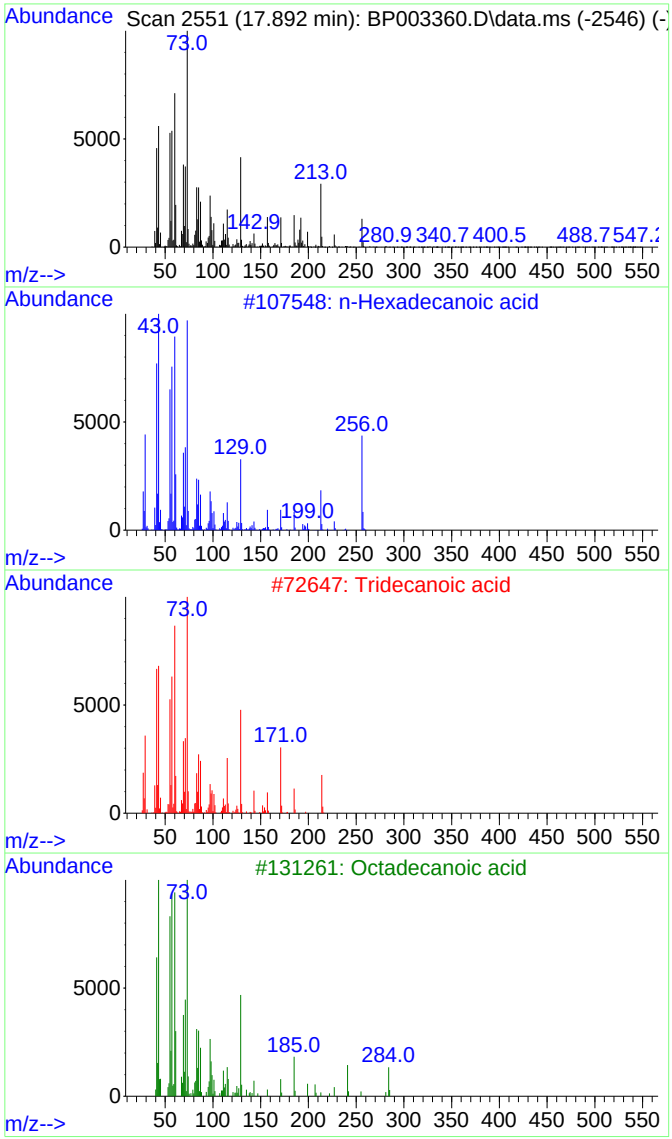
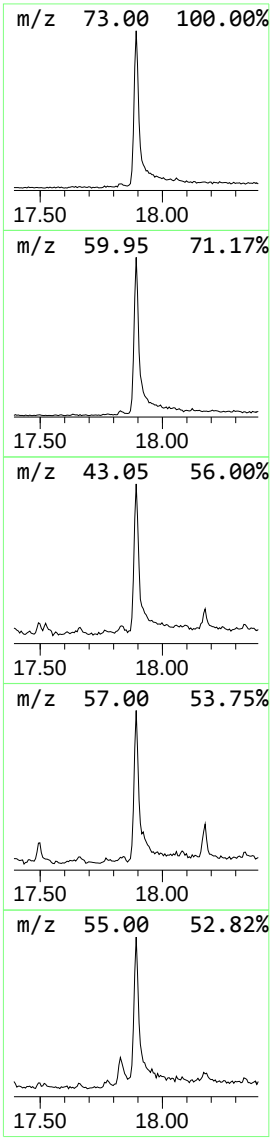
Peak Number 3 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.892	3.87 ng	483383	Phenanthrene-d10	16.963

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	86
3	Octadecanoic acid	284	C18H36O2	000057-11-4	81
4	Undecanoic acid	186	C11H22O2	000112-37-8	68
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092320\
Data File : BP003360.D
Acq On : 23 Sep 2020 16:39
Operator : CG/JU
Sample : L4105-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MTB-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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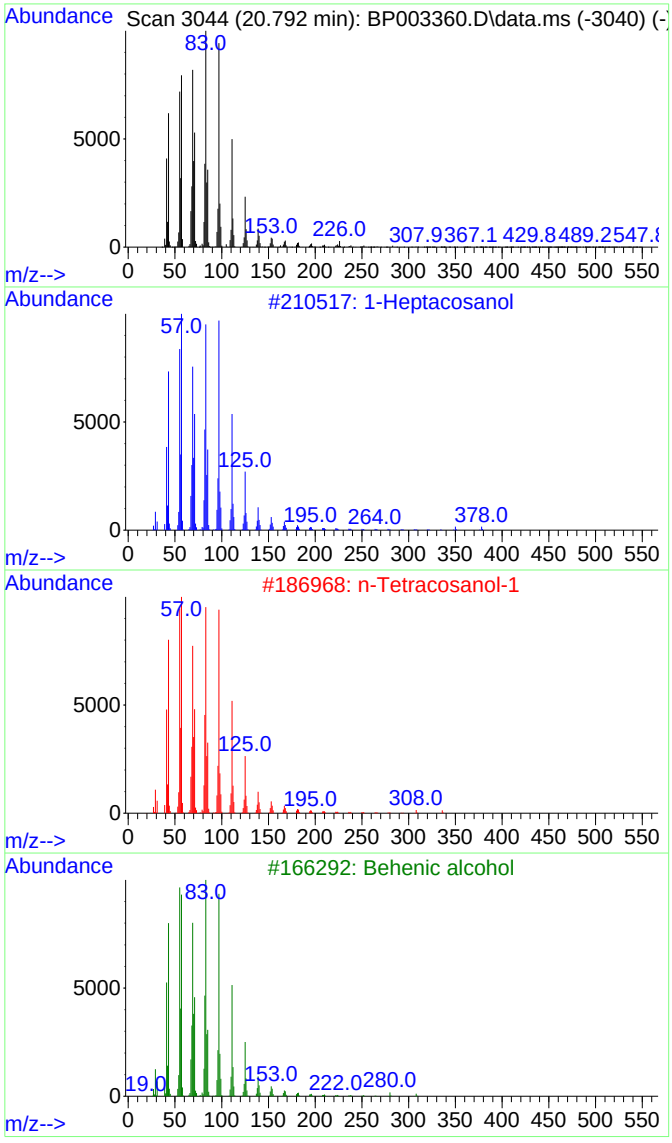
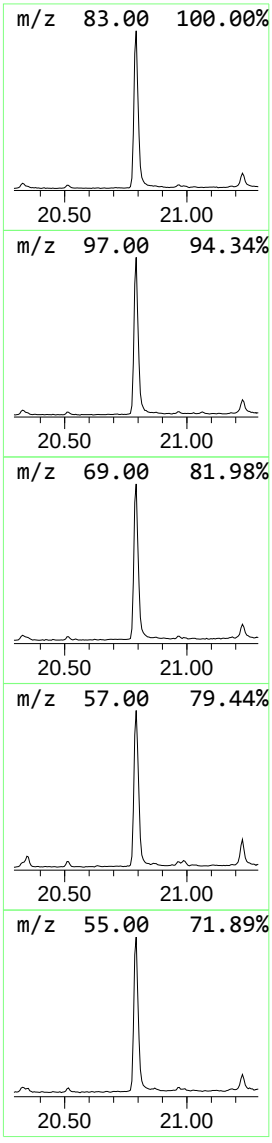
Peak Number 4 1-Heptacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.792	16.37 ng	2160670	Chrysene-d12	21.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	Cyclopentadecane	210	C15H30	000295-48-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092320\
Data File : BP003360.D
Acq On : 23 Sep 2020 16:39
Operator : CG/JU
Sample : L4105-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MTB-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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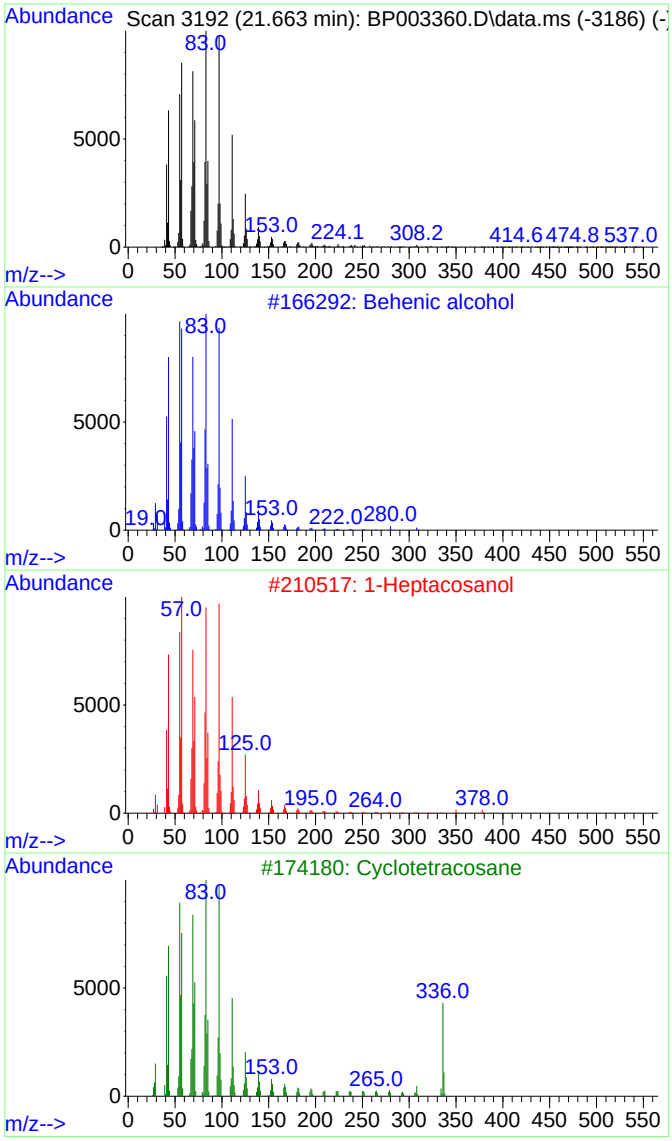
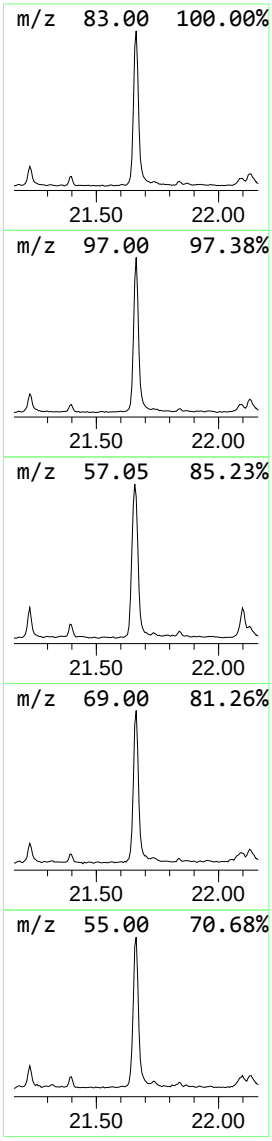
Peak Number 5 Behenic alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.663	15.35 ng	2025880	Chrysene-d12	21.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	95
3	Cyclotetracosane	336	C24H48	000297-03-0	94
4	E-15-Heptadecenal	252	C17H32O	1000130-97-9	93
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092320\
Data File : BP003360.D
Acq On : 23 Sep 2020 16:39
Operator : CG/JU
Sample : L4105-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MTB-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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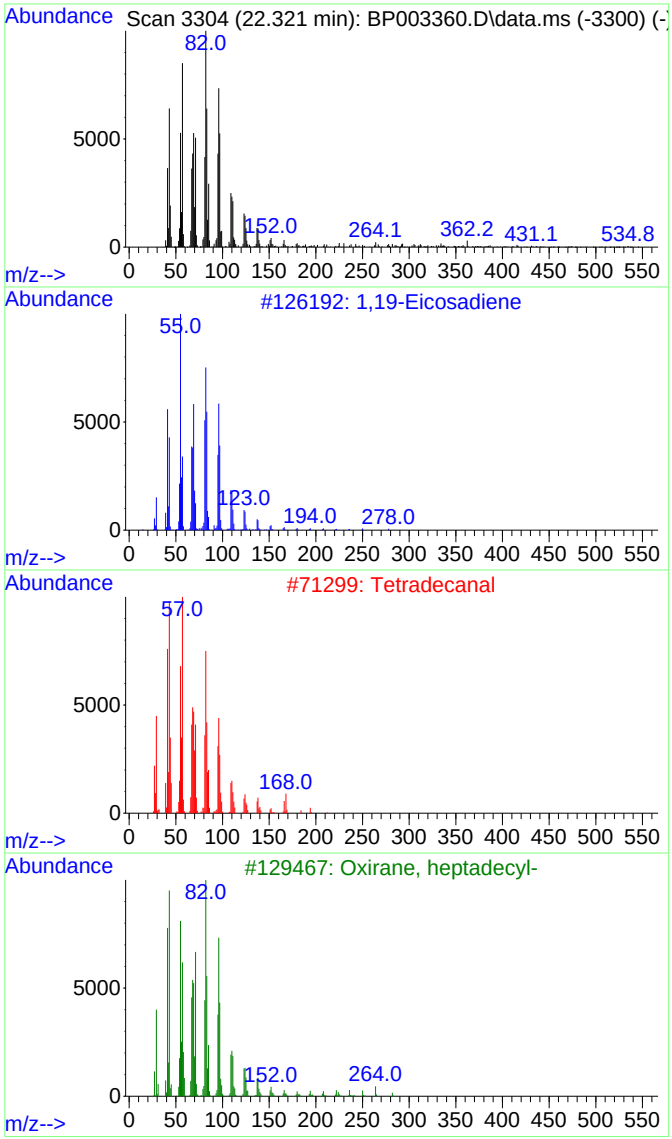
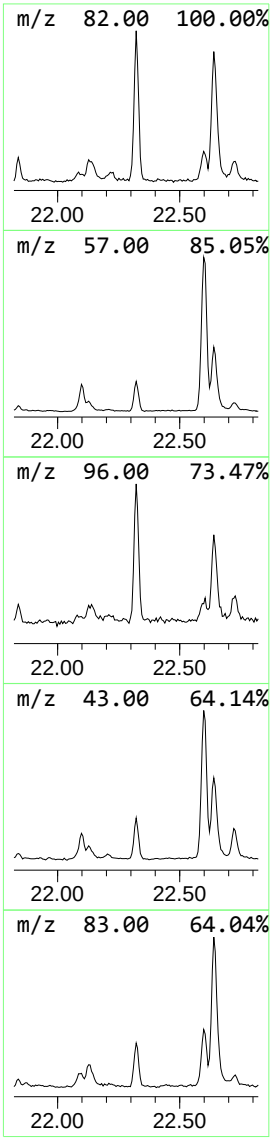
Peak Number 6 1,19-Eicosadiene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.322	3.95 ng	424457	Perylene-d12	23.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	94
2	Tetradecanal	212	C14H28O	000124-25-4	94
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	93
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	Octadecanal	268	C18H36O	000638-66-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092320\
Data File : BP003360.D
Acq On : 23 Sep 2020 16:39
Operator : CG/JU
Sample : L4105-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MTB-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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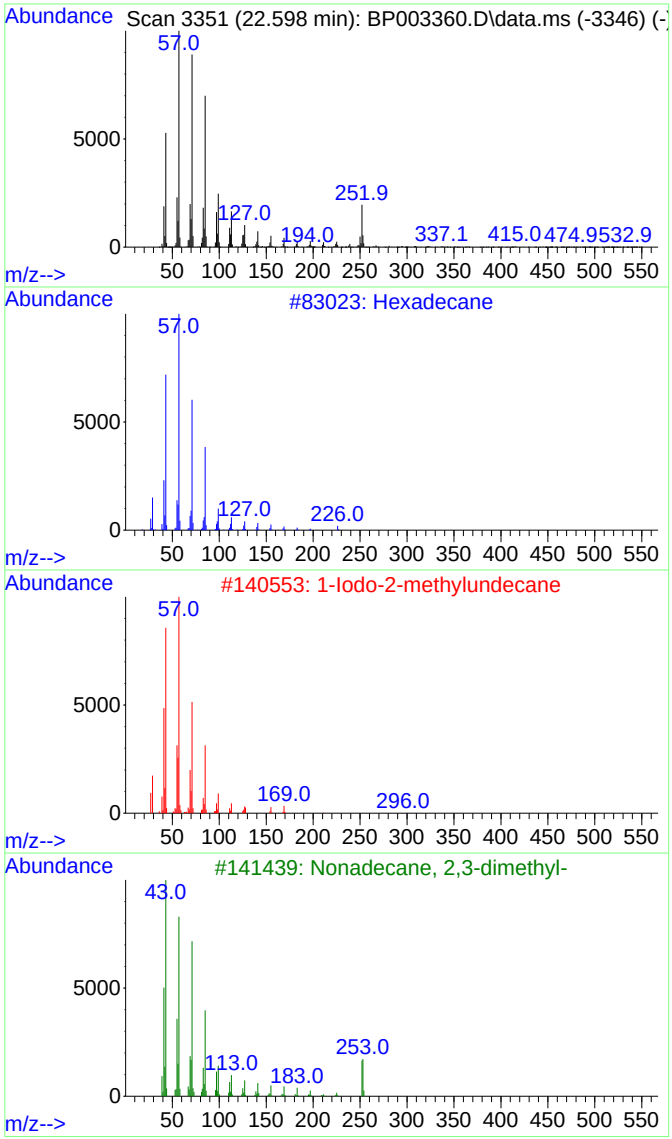
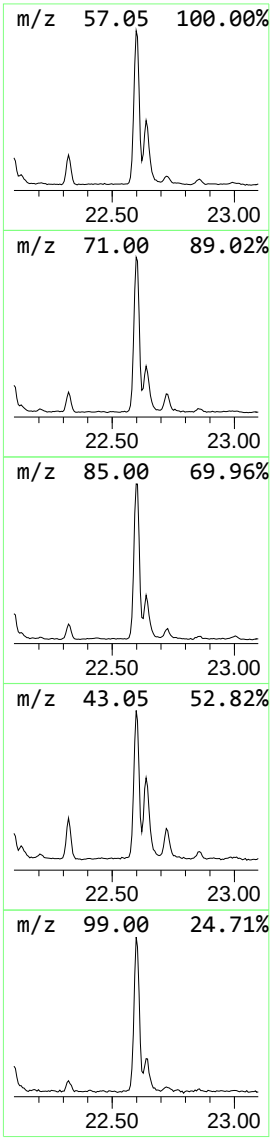
Peak Number 7 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.598	11.14 ng	1196040	Perylene-d12	23.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
3	Nonadecane, 2,3-dimethyl-	296	C21H44	075163-99-4	91
4	Nonadecane	268	C19H40	000629-92-5	90
5	Hexacosane	366	C26H54	000630-01-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092320\
Data File : BP003360.D
Acq On : 23 Sep 2020 16:39
Operator : CG/JU
Sample : L4105-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MTB-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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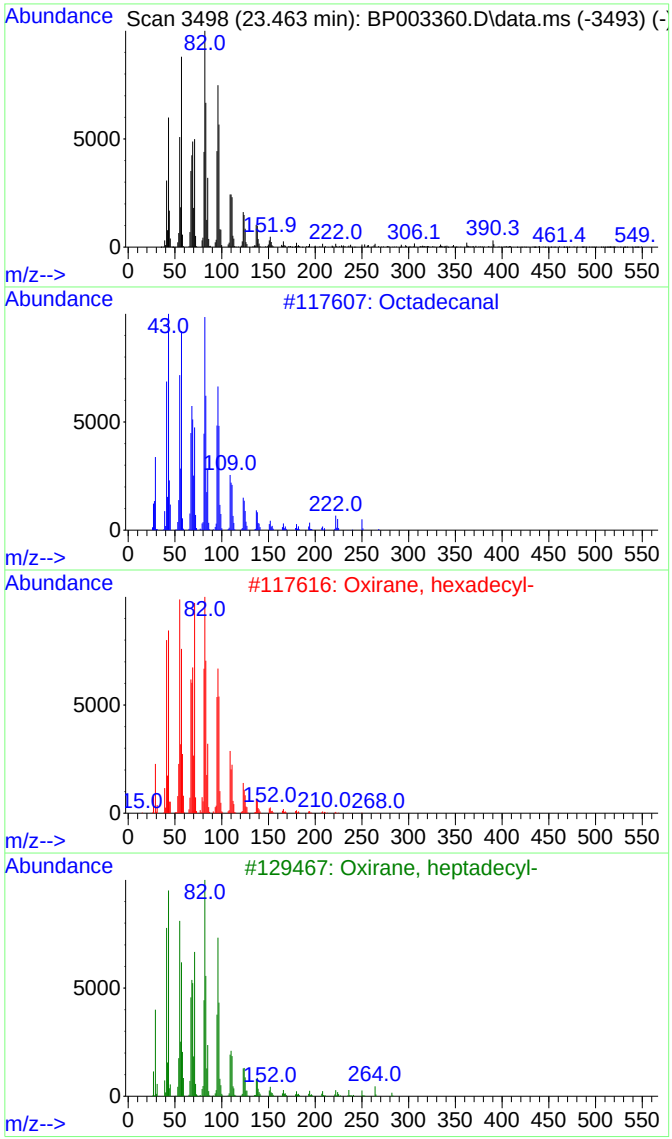
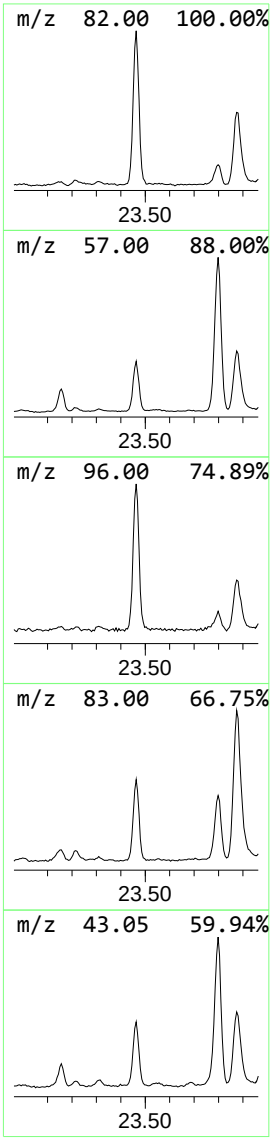
Peak Number 9 Octadecanal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.463	8.67 ng	930181	Perylene-d12	23.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	93
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4	Hexadecanal	240	C16H32O	000629-80-1	87
5	1,37-Octatriacontadiene	531	C38H74	1000159-37-3	80





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Acq On : 23 Sep 2020 16:39
Operator : CG/JU
Sample : L4105-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MTB-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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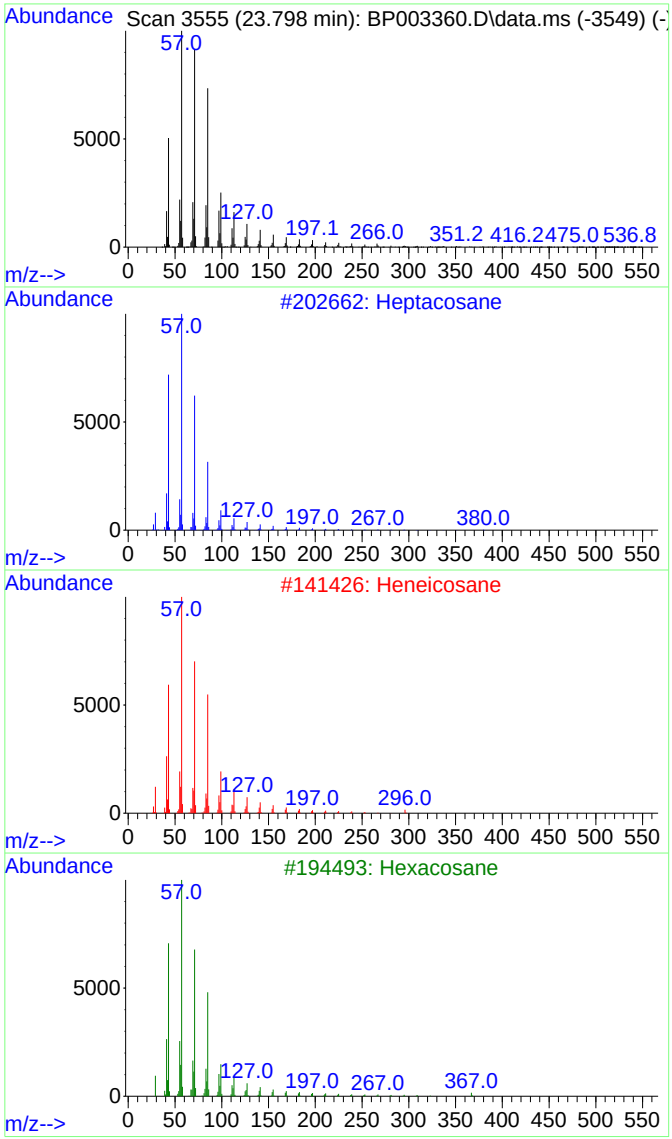
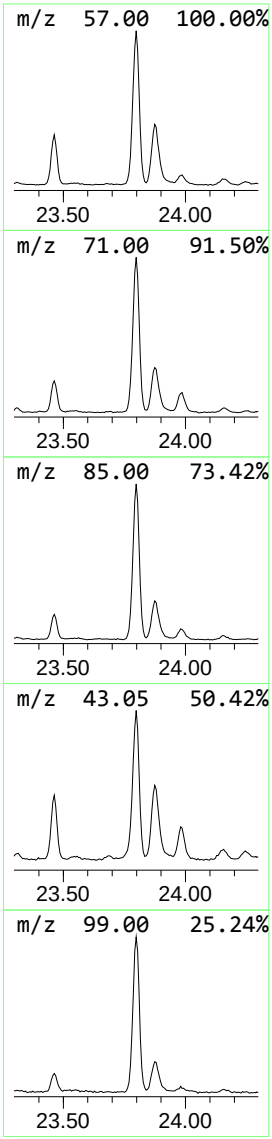
Peak Number 10 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.798	14.00 ng	1502890	Perylene-d12	23.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5	Triacontane	422	C30H62	000638-68-6	90





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Operator : CG/JU
Sample : L4105-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MTB-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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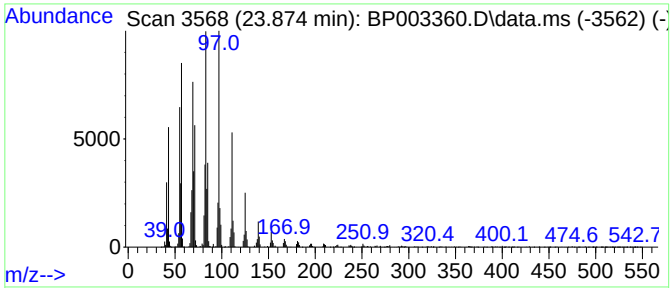
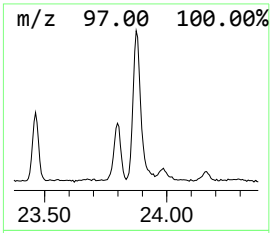
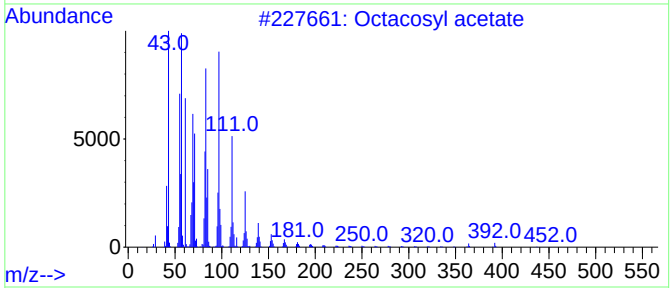
Peak Number 11 Octacosyl acetate Concentration Rank 8

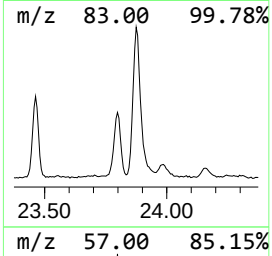
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.874	12.90 ng	1384610	Perylene-d12	23.251

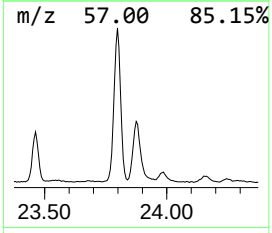
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl acetate	452	C30H60O2	018206-97-8	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	9-Hexacosene	364	C26H52	071502-22-2	91

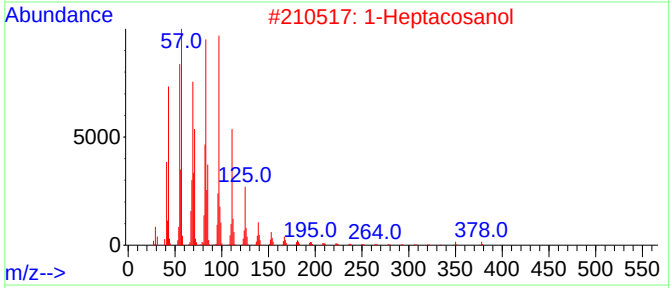


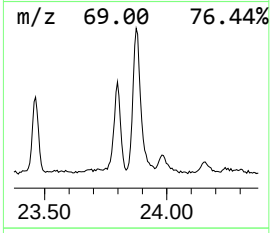


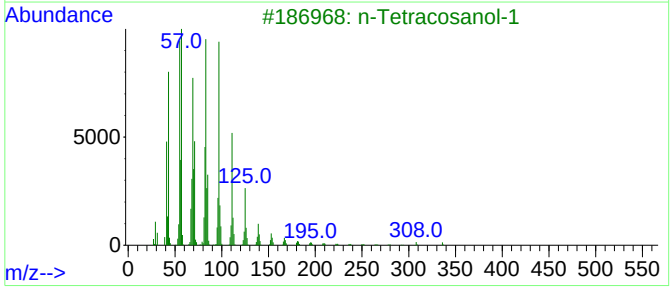


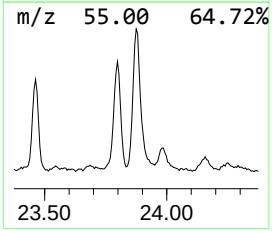












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Acq On : 23 Sep 2020 16:39
Operator : CG/JU
Sample : L4105-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MTB-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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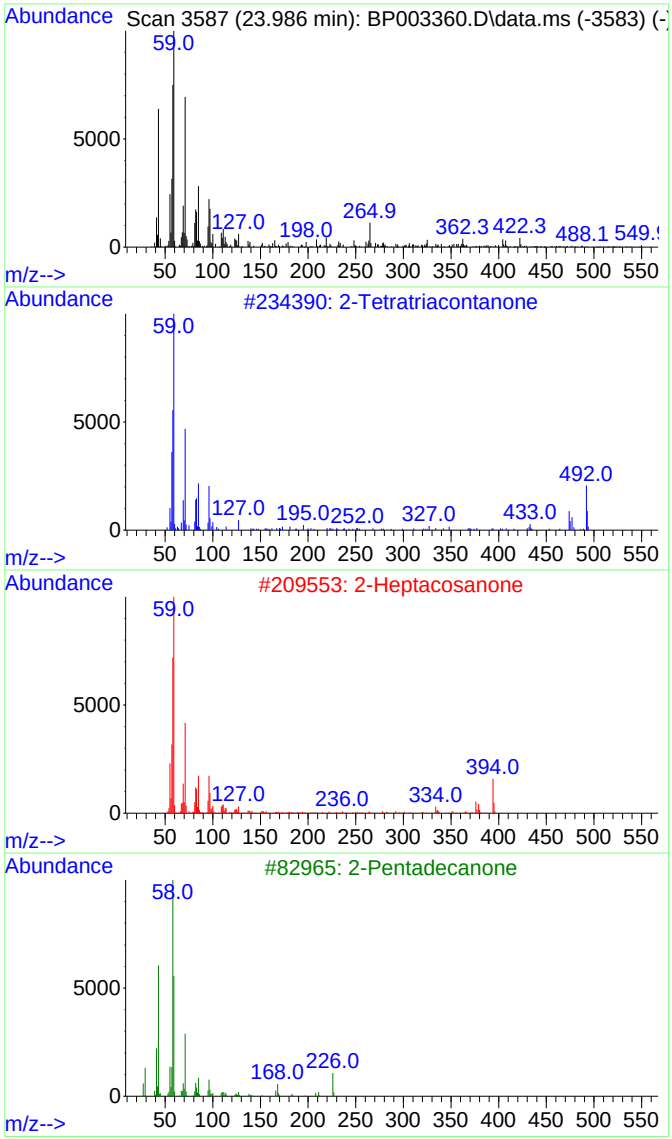
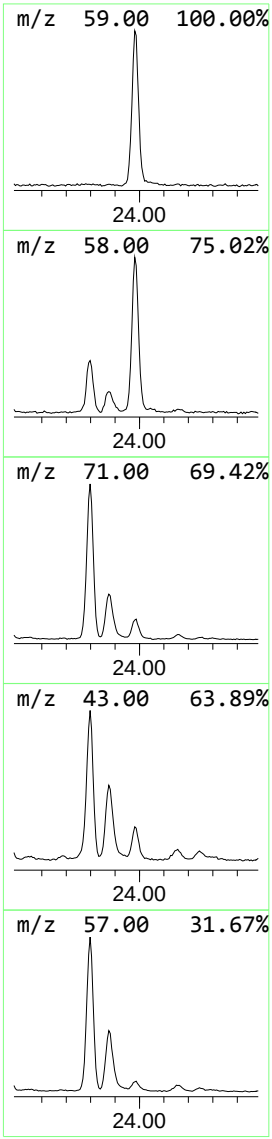
Peak Number 12 2-Tetratriacontanone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.986	3.00 ng	321690	Perylene-d12	23.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tetratriacontanone	493	C34H68O	077327-16-3	86
2	2-Heptacosanone	394	C27H54O	007796-19-2	72
3	2-Pentadecanone	226	C15H30O	002345-28-0	38
4	9-Decen-2-one	154	C10H18O	035194-30-0	38
5	Carbinoxamine	290	C16H19ClN2O	000486-16-8	35





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Sample : L4105-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MTB-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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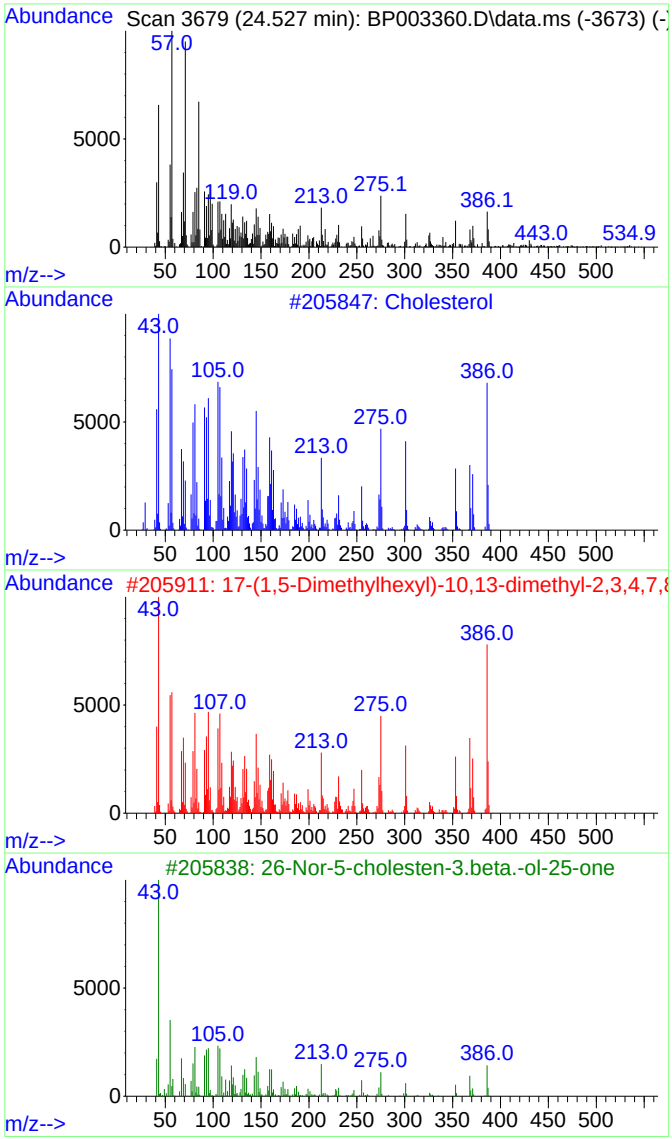
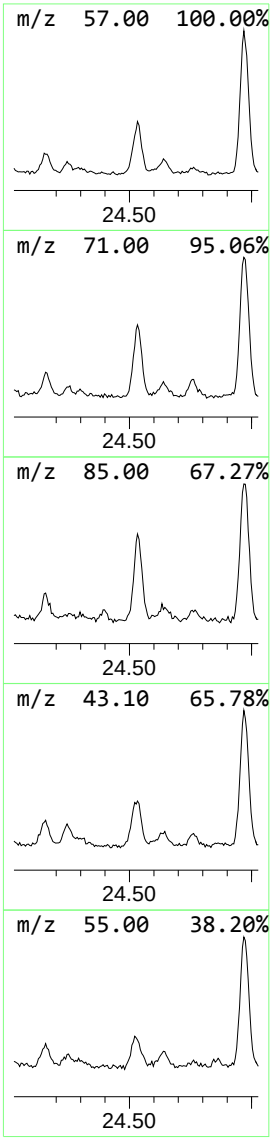
Peak Number 13 Cholesterol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.527	4.01 ng	430953	Perylene-d12	23.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholesterol	386	C27H46O	000057-88-5	93
2	17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	93
3	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	56
4	Docosane, 1,22-dibromo-	466	C22H44Br2	034540-49-3	55
5	Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	55





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Sample : L4105-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MTB-SP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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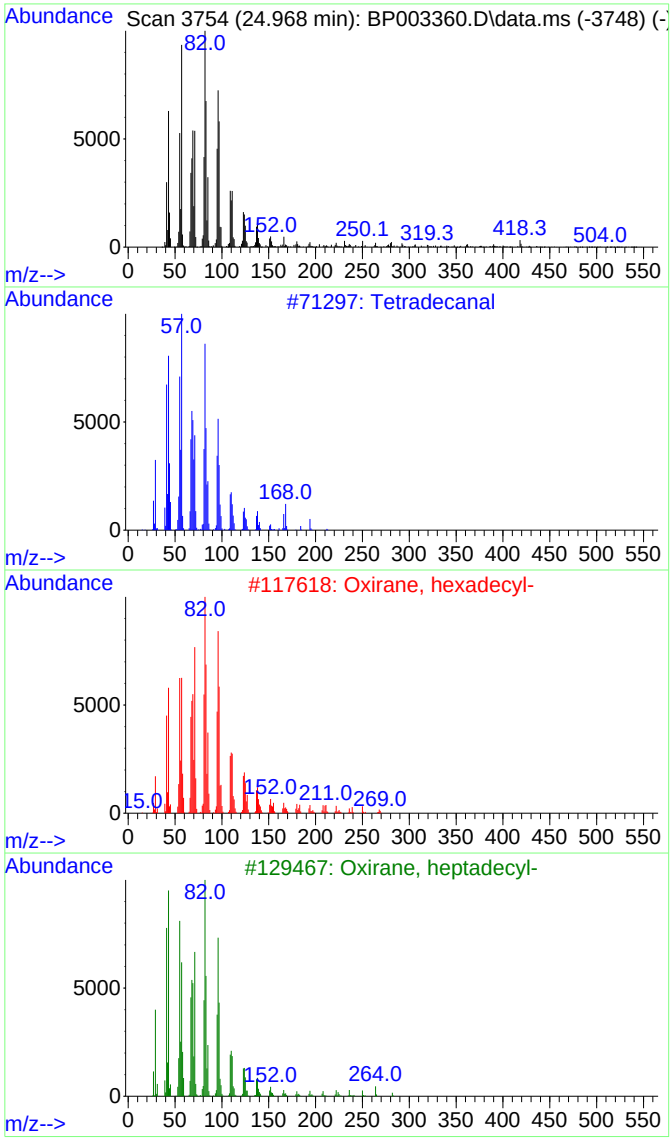
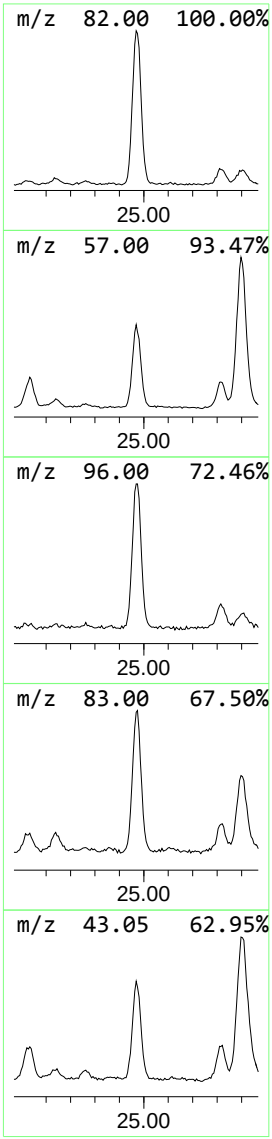
Peak Number 14 Tetradecanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.968	11.59 ng	1244070	Perylene-d12	23.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanal	212	C14H28O	000124-25-4	93
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4	Heptadecanal	254	C17H34O	1000376-70-0	91
5	1,19-Eicosadiene	278	C20H38	014811-95-1	90





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MTB-SP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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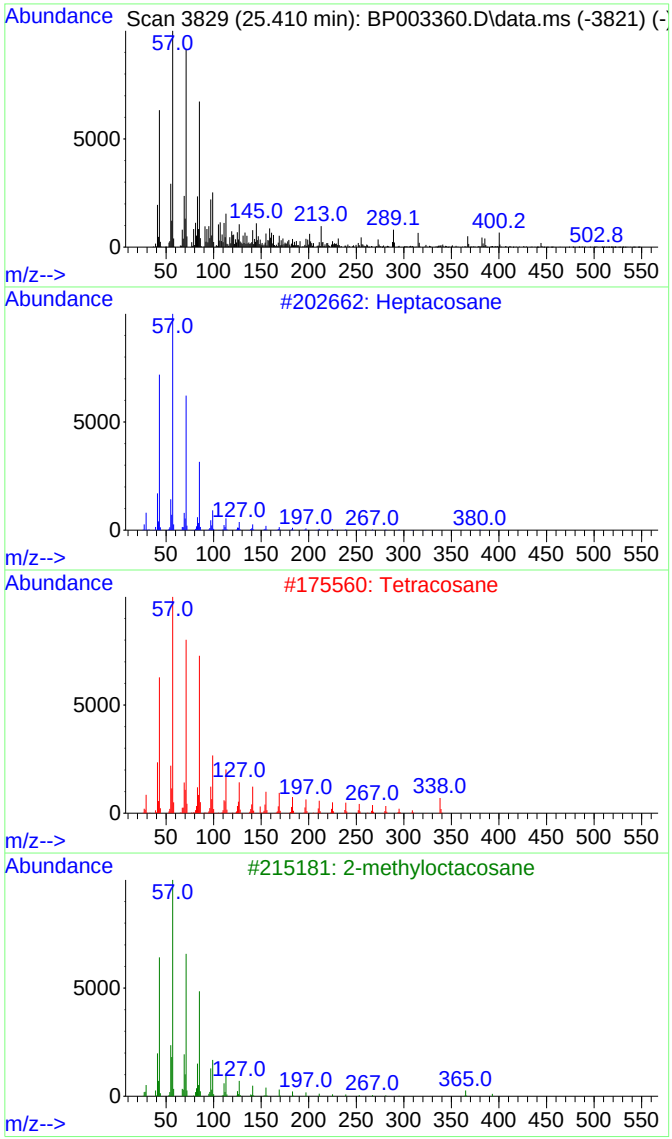
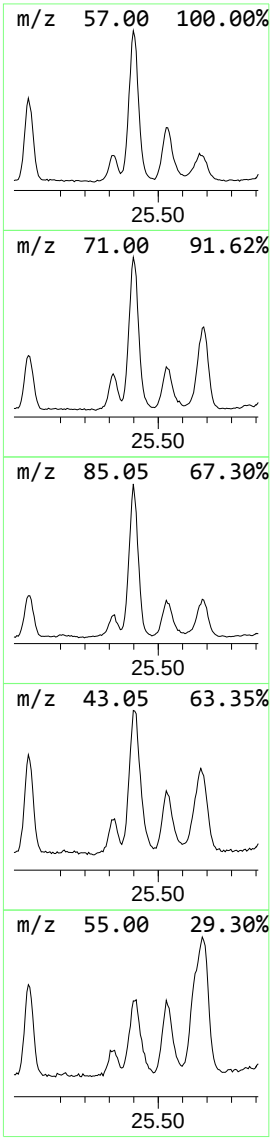
Peak Number 15 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.410	17.46 ng	1874390	Perylene-d12	23.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	97
2	Tetracosane	338	C24H50	000646-31-1	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	2-methyltetracosane	352	C25H52	1000376-72-6	87
5	Hexadecane	226	C16H34	000544-76-3	86





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MTB-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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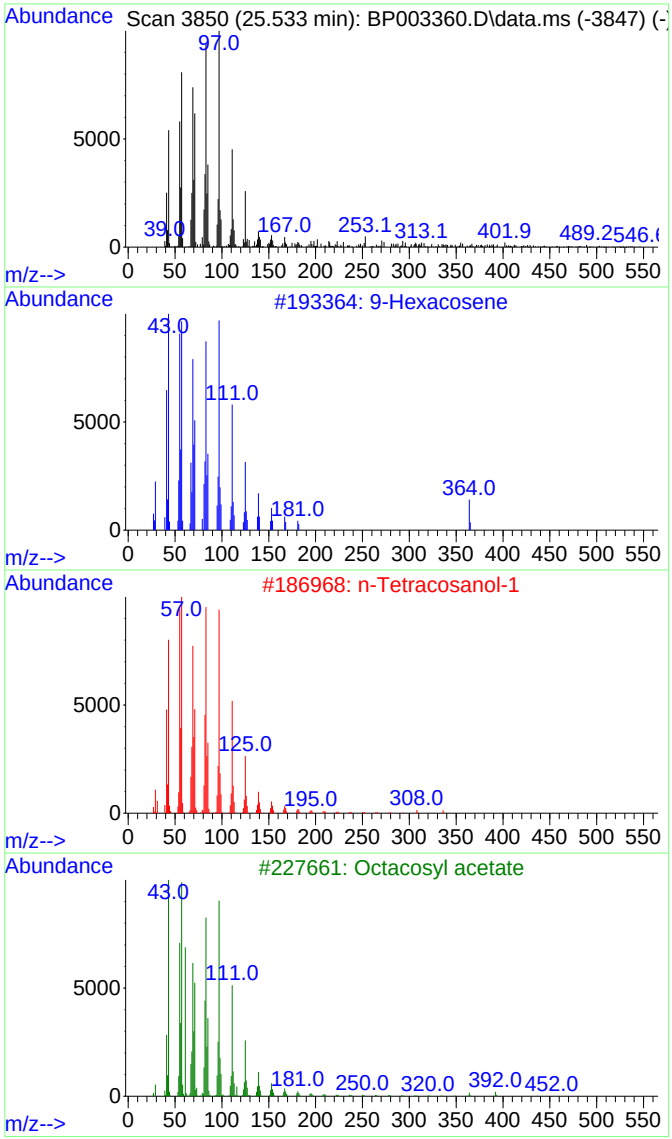
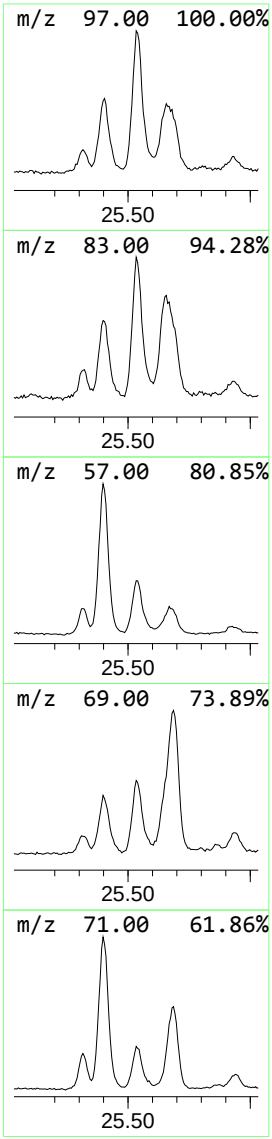
Peak Number 16 9-Hexacosene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.533	6.42 ng	688644	Perylene-d12	23.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexacosene	364	C26H52	071502-22-2	91
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
3	Octacosyl acetate	452	C30H60O2	018206-97-8	90
4	1-Heneicosanol	312	C21H44O	015594-90-8	90
5	1-Heptacosanol	396	C27H56O	002004-39-9	90





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MTB-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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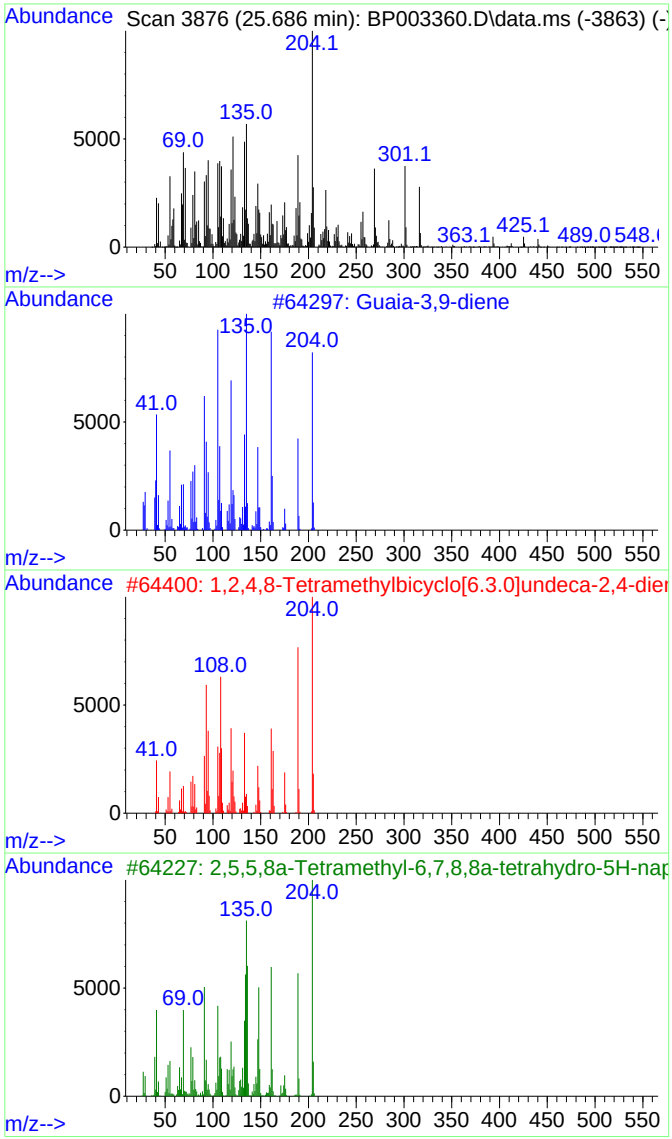
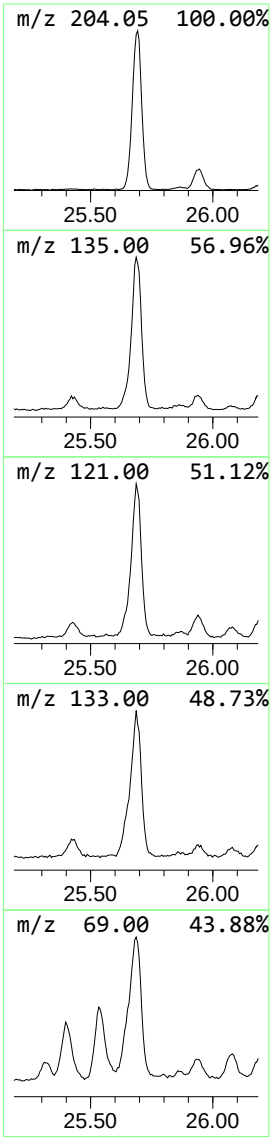
Peak Number 17 Guaia-3,9-diene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.686	56.82 ng	6098870	Perylene-d12	23.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guaia-3,9-diene	204	C15H24	000489-83-8	58
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
3	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	49
4	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	46
5	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	46





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BNA_P
ClientSampleId :
MTB-SP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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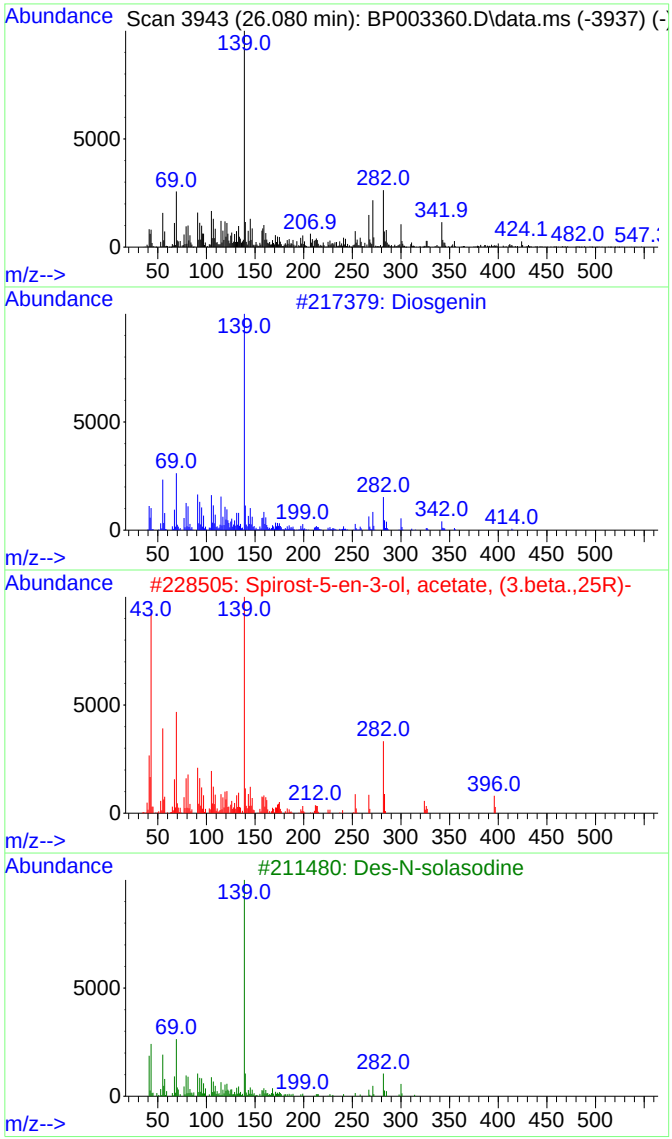
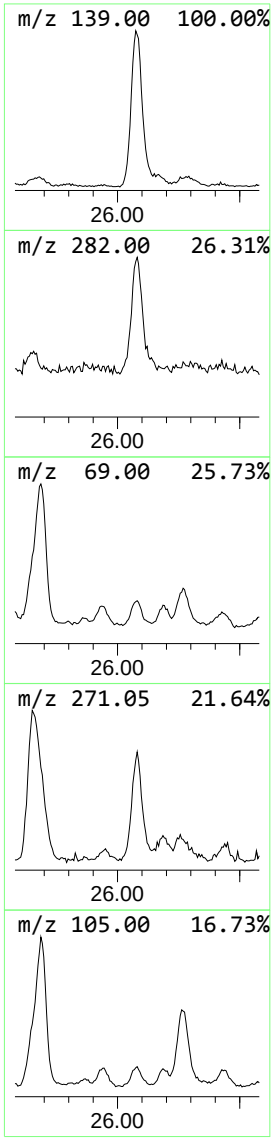
Peak Number 18 Diosgenin Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.080	5.30 ng	569197	Perylene-d12	23.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diosgenin	414	C27H42O3	000512-04-9	96
2	Spirost-5-en-3-ol, acetate, (3.b...	456	C29H44O4	001061-54-7	58
3	Des-N-solasodine	398	C27H42O2	032277-73-9	52
4	Des-N-dihydrosolasodine	400	C27H44O2	321125-15-9	46
5	Spirostan-3-one, (5.alpha.,25R)-	414	C27H42O3	000470-07-5	46





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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId : MTB-SP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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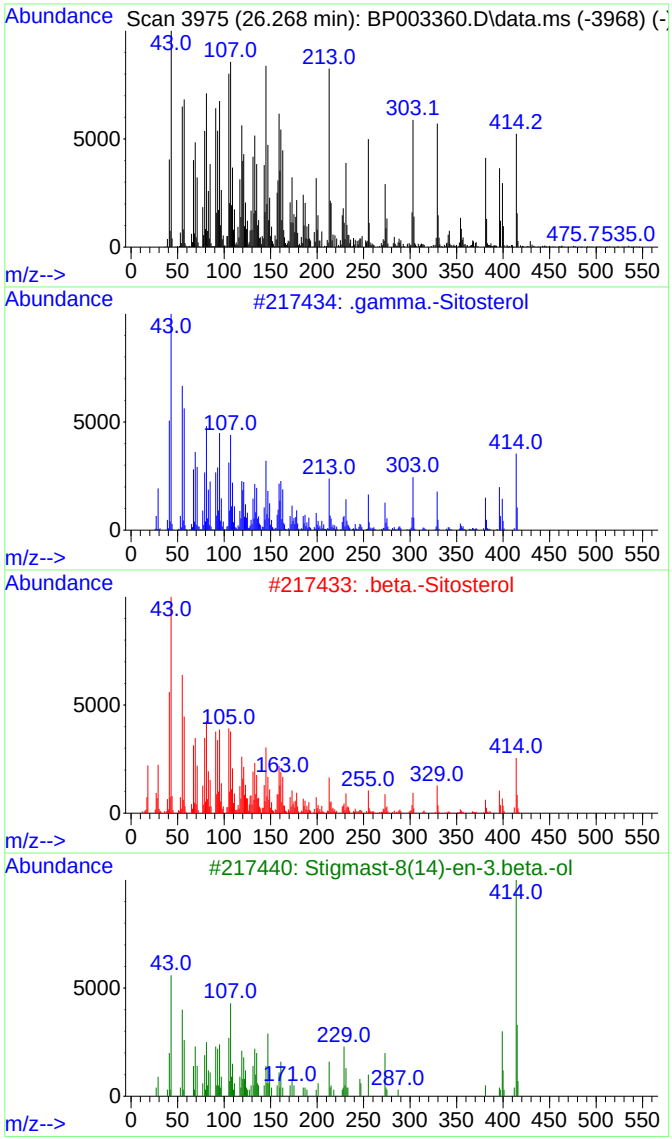
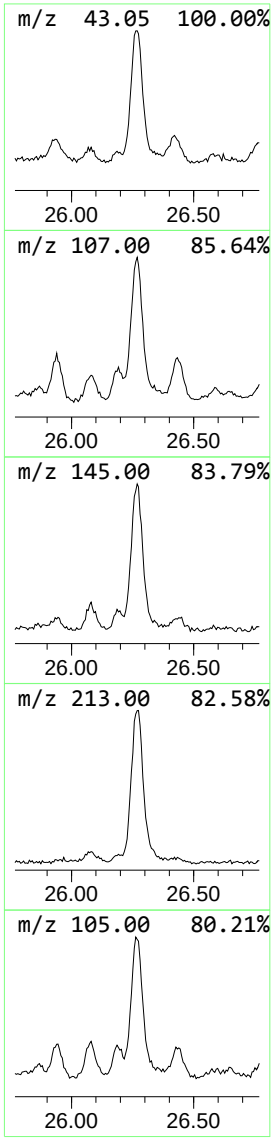
Peak Number 19 .gamma.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.268	21.02 ng	2256730	Perylene-d12	23.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	64
3	Stigmast-8(14)-en-3.beta.-ol	414	C29H50O	018069-99-3	50
4	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	44
5	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092320\
Data File : BP003360.D
Acq On : 23 Sep 2020 16:39
Operator : CG/JU
Sample : L4105-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MTB-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

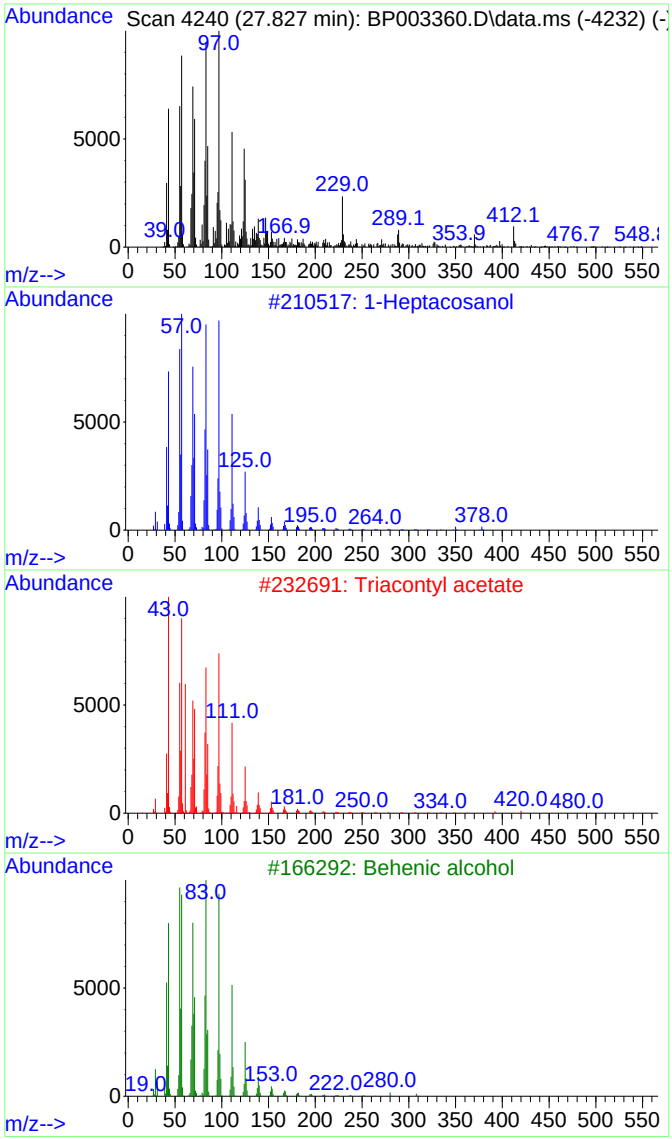
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

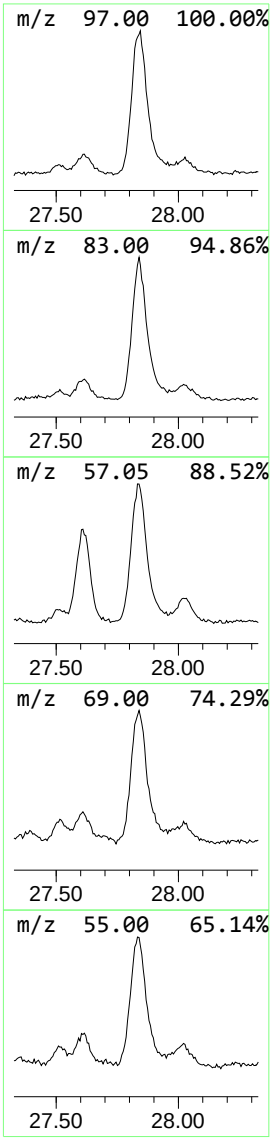
****

Peak Number 20 Triacontyl acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.827	17.46 ng	1874280	Perylene-d12	23.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	93
2	Triacontyl acetate	480	C32H64O2	041755-58-2	93
3	Behenic alcohol	326	C22H46O	000661-19-8	81
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	81
5	Octacosyl acetate	452	C30H60O2	018206-97-8	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092320\
Data File : BP003360.D
Acq On : 23 Sep 2020 16:39
Operator : CG/JU
Sample : L4105-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MTB-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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
Ethanol, 2-(2-e...	7.175	2.4	ng	129032	1	7.563	1069630	20.0
Benzene, 1-ethe...	7.234	2.7	ng	142501	1	7.563	1069630	20.0
n-Hexadecanoic ...	17.892	3.9	ng	483383	4	16.963	2500570	20.0
1-Heptacosanol	20.792	16.4	ng	2160670	5	21.063	2640250	20.0
Behenic alcohol	21.663	15.4	ng	2025880	5	21.063	2640250	20.0
1,19-Eicosadiene	22.322	4.0	ng	424457	6	23.251	2146850	20.0
Hexadecane	22.598	11.1	ng	1196040	6	23.251	2146850	20.0
Octadecanal	23.463	8.7	ng	930181	6	23.251	2146850	20.0
Heneicosane	23.798	14.0	ng	1502890	6	23.251	2146850	20.0
Octacosyl acetate	23.874	12.9	ng	1384610	6	23.251	2146850	20.0
2-Tetratriacont...	23.986	3.0	ng	321690	6	23.251	2146850	20.0
Cholesterol	24.527	4.0	ng	430953	6	23.251	2146850	20.0
Tetradecanal	24.968	11.6	ng	1244070	6	23.251	2146850	20.0
Heptacosane	25.410	17.5	ng	1874390	6	23.251	2146850	20.0
9-Hexacosene	25.533	6.4	ng	688644	6	23.251	2146850	20.0
Guaia-3,9-diene	25.686	56.8	ng	6098870	6	23.251	2146850	20.0
Diosgenin	26.080	5.3	ng	569197	6	23.251	2146850	20.0
.gamma.-Sitosterol	26.268	21.0	ng	2256730	6	23.251	2146850	20.0
Triacontyl acetate	27.827	17.5	ng	1874280	6	23.251	2146850	20.0