LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082019\
Data File : BM022217.D
Acq On : 20 Aug 2019 18:03
Operator : HP/JU
Sample : K4331-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0624-SITE-WATER-VENICEAN

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_M\METHODS\8270-BM082019.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	5.181	367	373	384	rBV	414410	597389	16.61%	3.334%
2	6.757	635	641	655	rBV	289405	475983	13.23%	2.656%
3	7.104	693	700	711	rBV	849488	1274302	35.43%	7.112%
4	7.569	771	779	786	rBB	163385	248451	6.91%	1.387%
5	7.881	825	832	842	rVB	806135	1205980	33.53%	6.731%
6	8.739	971	978	997	rBV	548124	924518	25.70%	5.160%
7	10.345	1244	1251	1266	rBV	177779	309438	8.60%	1.727%
8	12.833	1667	1674	1688	rBV	1716394	2381672	66.21%	13.292%
9	13.704	1817	1822	1831	rBB	60345	88289	2.45%	0.493%
10	14.227	1903	1911	1918	rBV	280943	424747	11.81%	2.371%
11	15.733	2161	2167	2176	rBV	1482063	1974341	54.89%	11.019%
12	16.986	2374	2380	2394	rVB2	315106	457380	12.71%	2.553%
13	17.651	2488	2493	2498	rVB	414104	463027	12.87%	2.584%
14	17.756	2506	2511	2522	rBV	56697	83144	2.31%	0.464%
15	17.886	2527	2533	2542	rBV	325513	432880	12.03%	2.416%
16	19.027	2723	2727	2728	rBV	44484	48819	1.36%	0.272%
17	19.050	2728	2731	2744	rVV2	87561	158340	4.40%	0.884%
18	19.174	2748	2752	2764	rVV	79577	121449	3.38%	0.678%
19	19.633	2824	2830	2836	rBV	3200191	3597171	100.00%	20.076%
20	20.427	2961	2965	2969	rBV2	41236	44107	1.23%	0.246%
21	20.897	3041	3045	3054	rBV2	119221	191964	5.34%	1.071%
22	21.197	3091	3096	3108	rVB	382112	519750	14.45%	2.901%
23	21.327	3115	3118	3122	rBV	69615	76722	2.13%	0.428%
24	21.756	3187	3191	3194	rBV	79867	86401	2.40%	0.482%
25	22.209	3263	3268	3275	rBV2	91390	166301	4.62%	0.928%
26	22.327	3283	3288	3296	rBV	636244	777755	21.62%	4.341%
27	22.691	3346	3350	3356	rVB	70703	91282	2.54%	0.509%
28	23.238	3439	3443	3451	rVB2	58819	89573	2.49%	0.500%
29	23.391	3463	3469	3480	rBV2	282158	543612	15.11%	3.034%
30	23.850	3545	3547	3553	rVB	42400	63216	1.76%	0.353%

Sum of corrected areas: 17918003

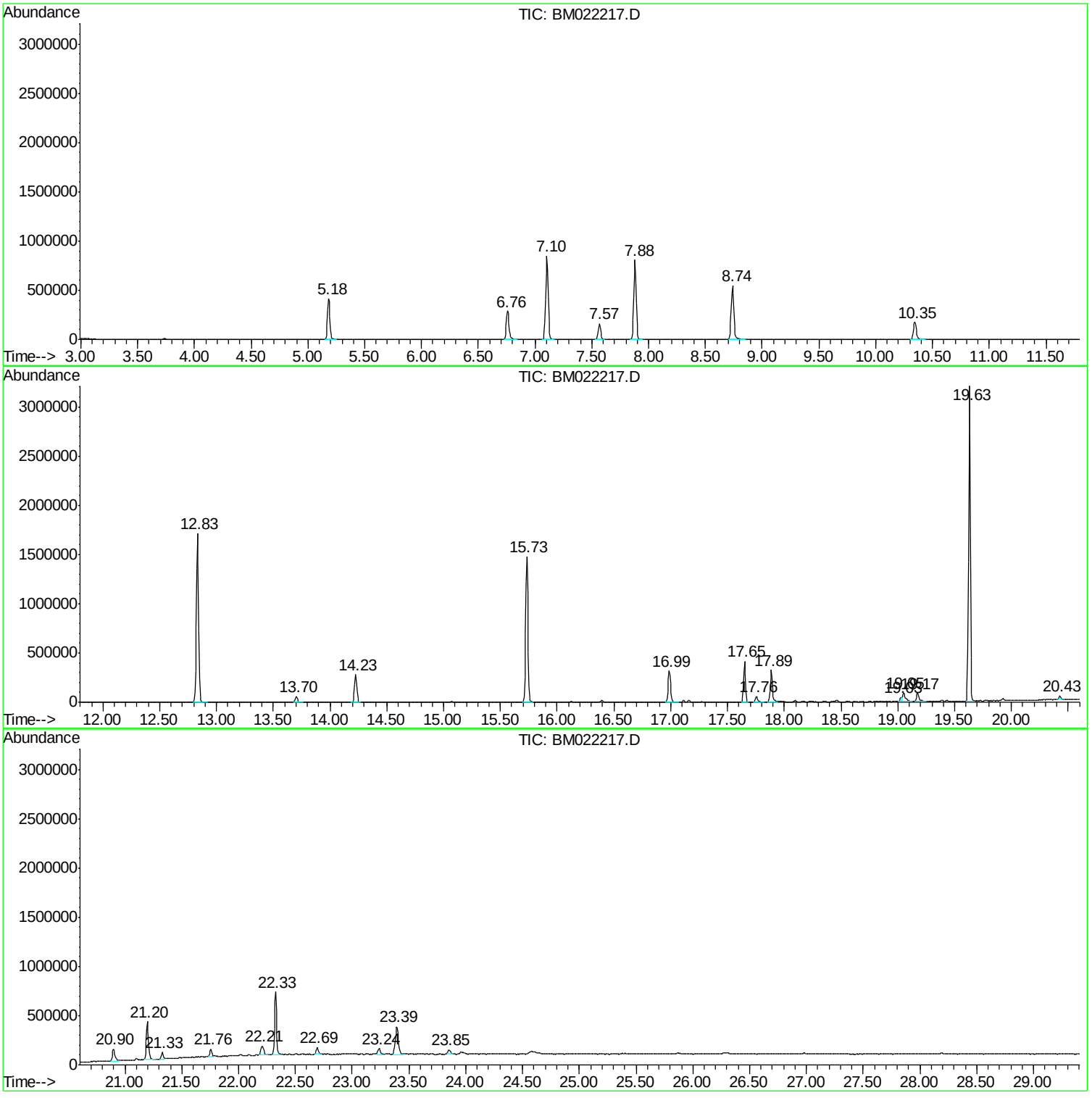
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082019\
Data File : BM022217.D
Acq On : 20 Aug 2019 18:03
Operator : HP/JU
Sample : K4331-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
0624-SITE-WATER-VENICEAN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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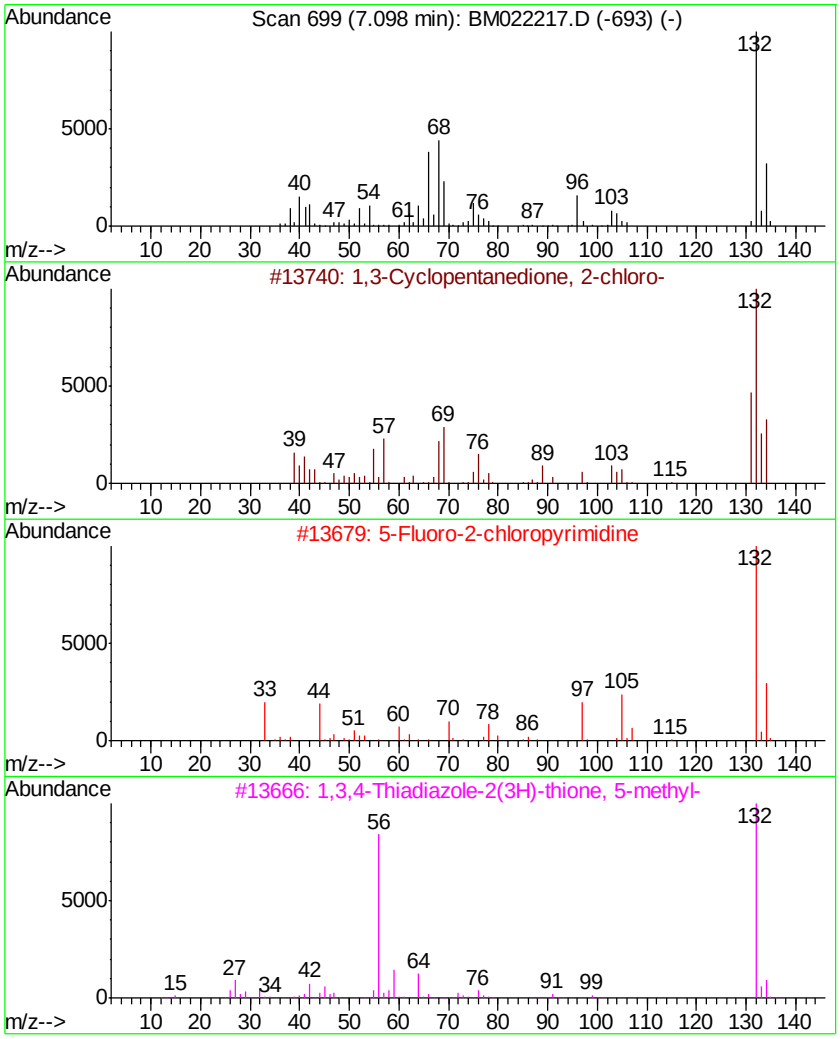
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

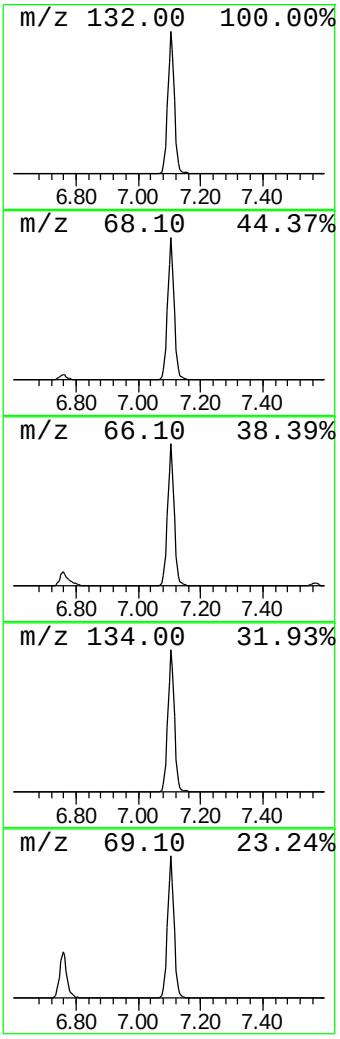
****

Peak Number 1 unknown7.10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	102.58 ng	1274300	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	32
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	27
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	22
5	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	16





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Instrument : BNA_M
ClientSampleId : 0624-SITE-WATER-VENICEAN

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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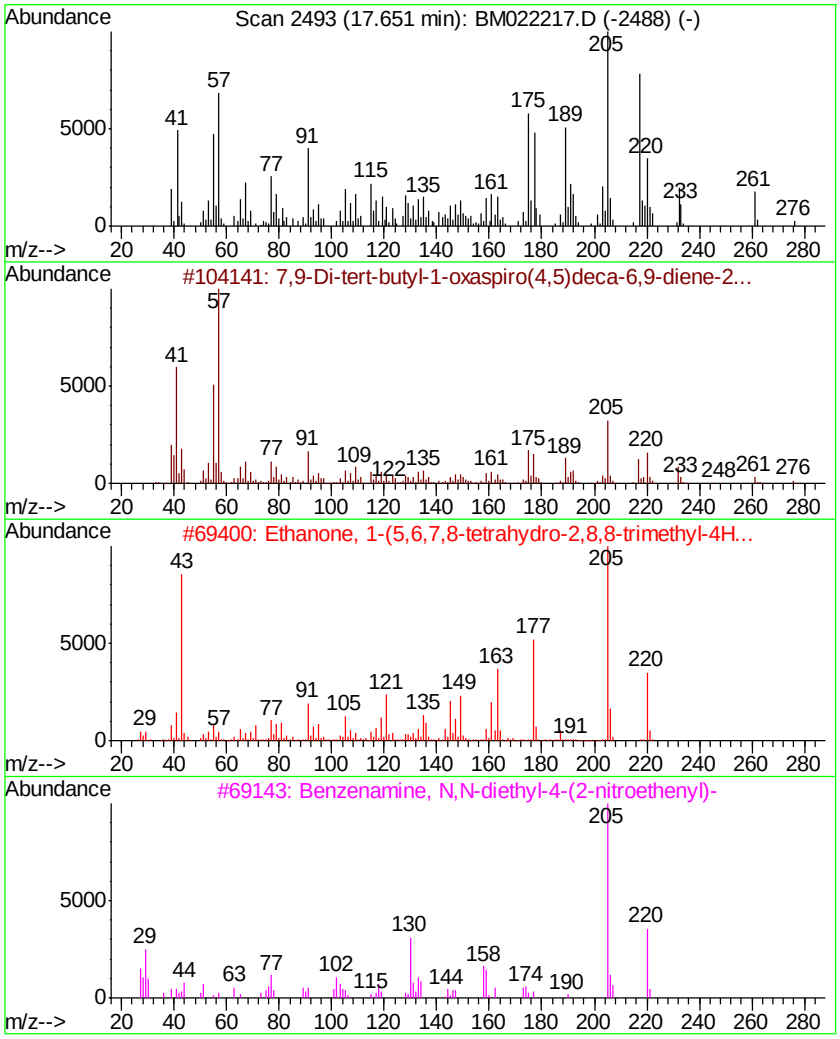
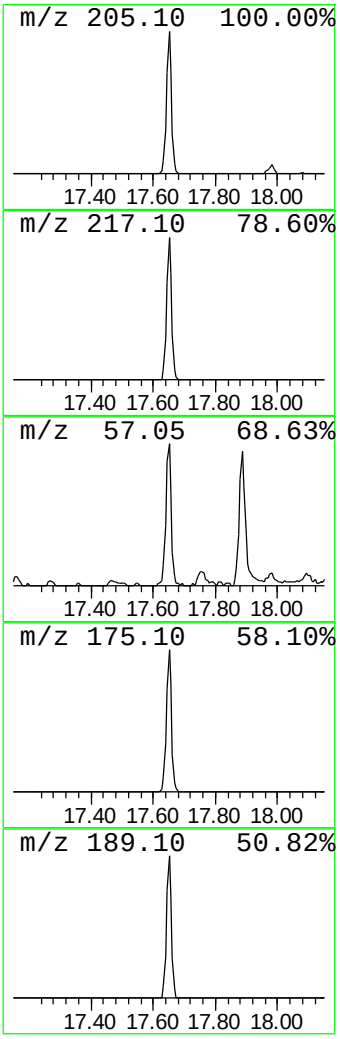
Peak Number 3 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	20.25 ng	463027	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	98
2	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	51
3	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	35
4	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	30
5	1-Ethyl-2-methylphenanthrene	220	C17H16	061983-53-7	25





Library Search Compound Report

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Data File : BM022217.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0624-SITE-WATER-VENICEAN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
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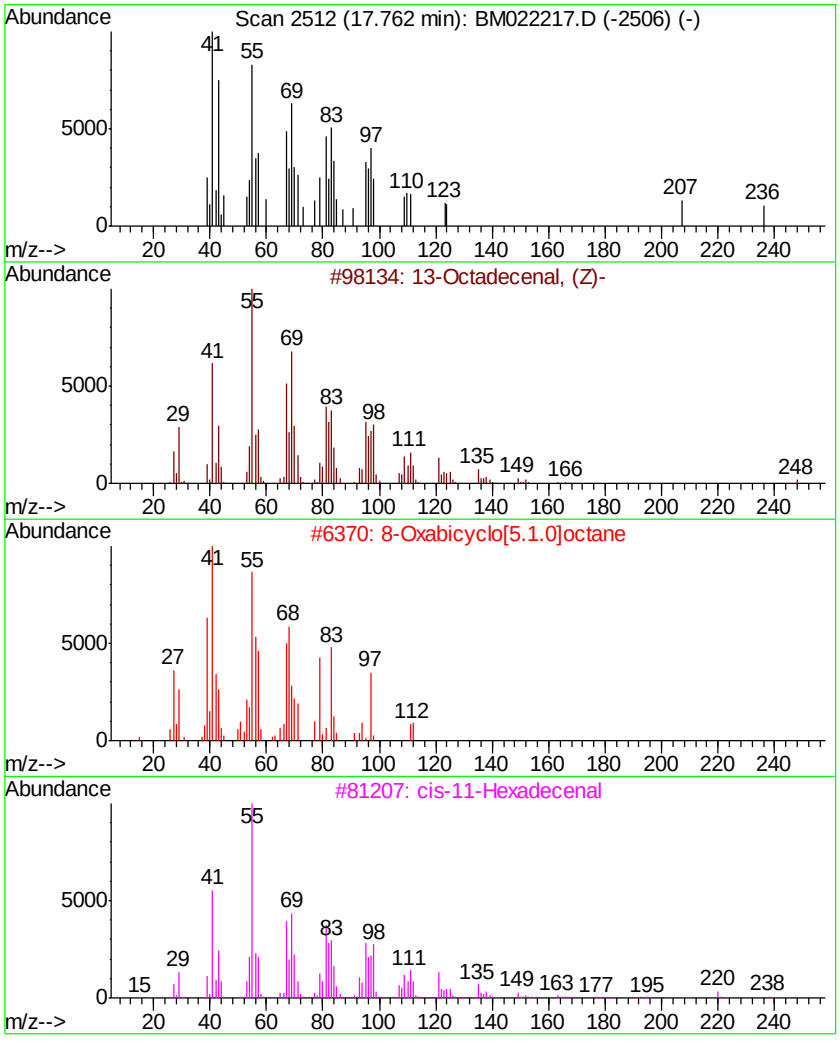
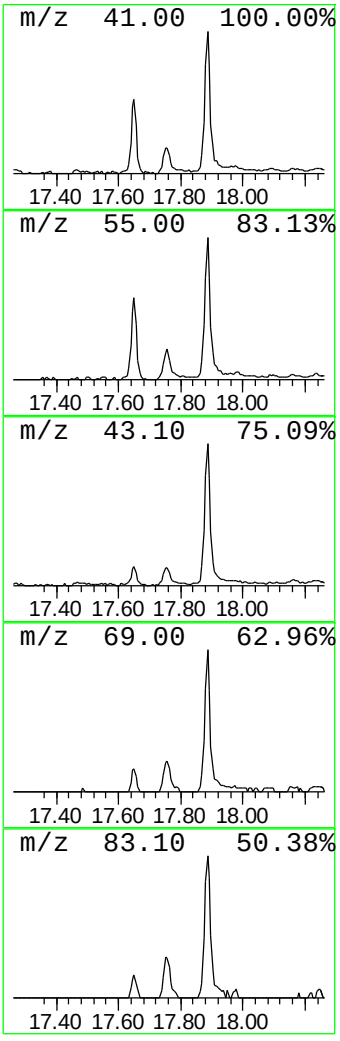
****

Peak Number 4 13-Octadecenal, (Z)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	3.64 ng	83144	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenal, (Z)-	266	C18H34O	058594-45-9	68
2	8-Oxabicyclo[5.1.0]octane	112	C7H12O	000286-45-3	55
3	cis-11-Hexadecenal	238	C16H30O	053939-28-9	52
4	(1S,15S)-Bicyclo[13.1.0]hexadeca...	236	C16H28O	102572-89-4	45
5	1-Hexadecanol	242	C16H34O	036653-82-4	45





Library Search Compound Report

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Data File : BM022217.D
Acq On : 20 Aug 2019 18:03
Operator : HP/JU
Sample : K4331-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0624-SITE-WATER-VENICEAN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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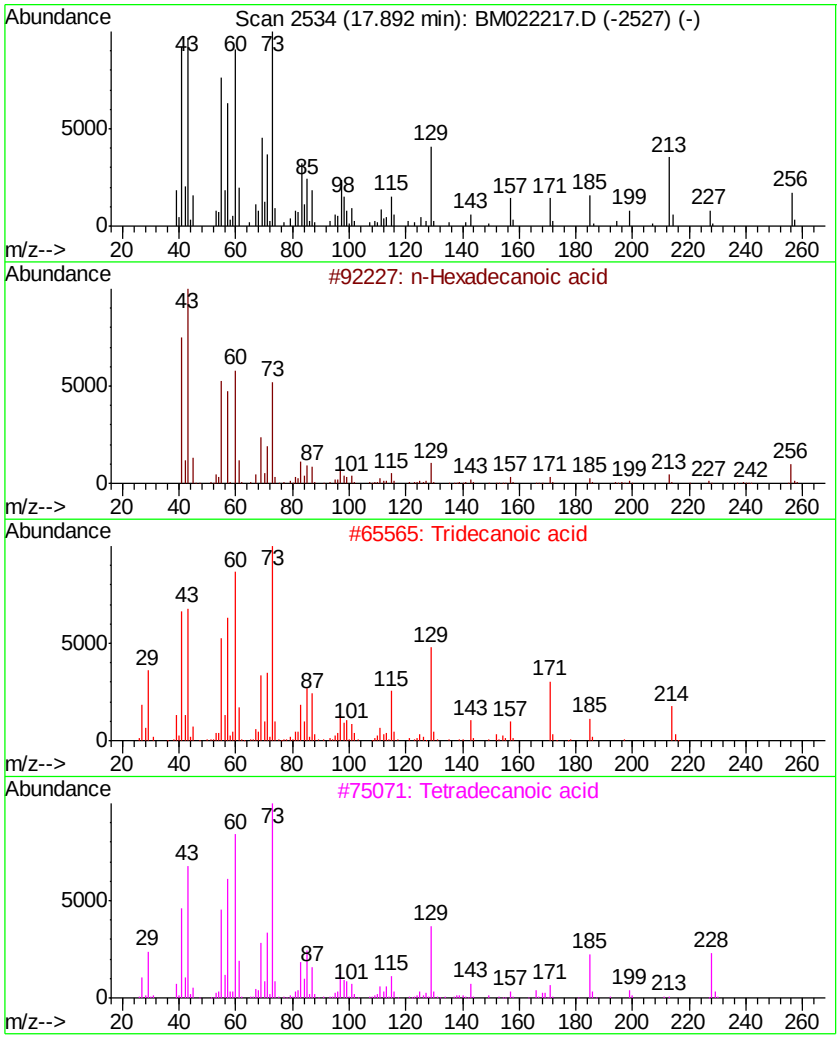
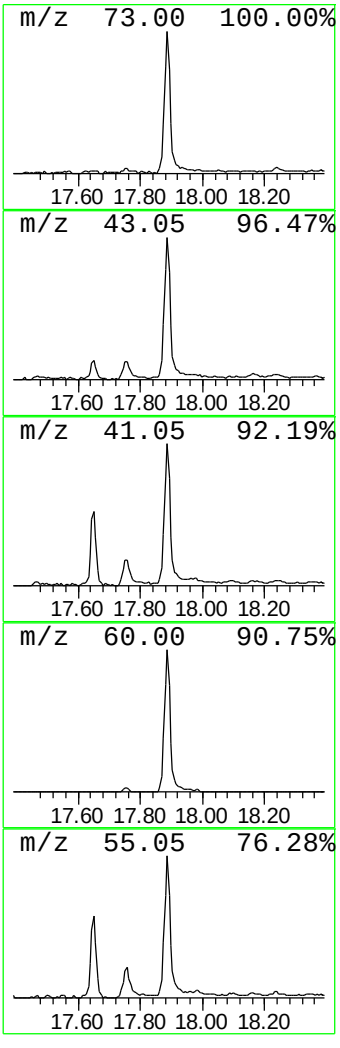
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	18.93 ng	432880	Phenanthrene-d10	16.99

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	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





Library Search Compound Report

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Operator : HP/JU
Sample : K4331-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0624-SITE-WATER-VENICEAN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
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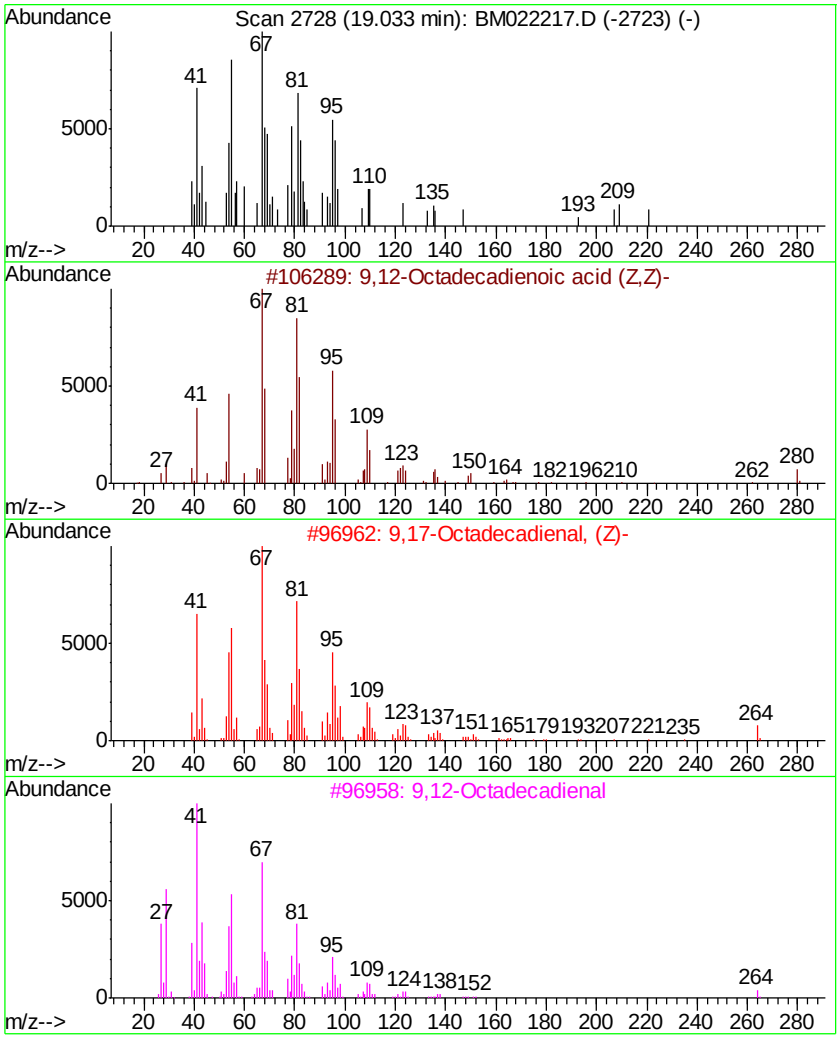
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

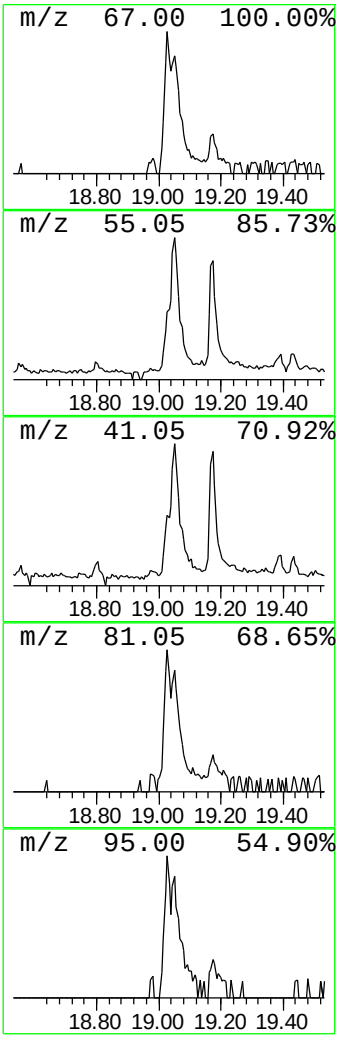
****

Peak Number 6 9,12-Octadecadienoic acid (... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	2.13 ng	48819	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	90
2	9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	87
3	9,12-Octadecadienal	264	C18H32O	026537-70-2	86
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	80
5	11,14-Eicosadienoic acid, methyl...	322	C21H38O2	002463-02-7	74





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
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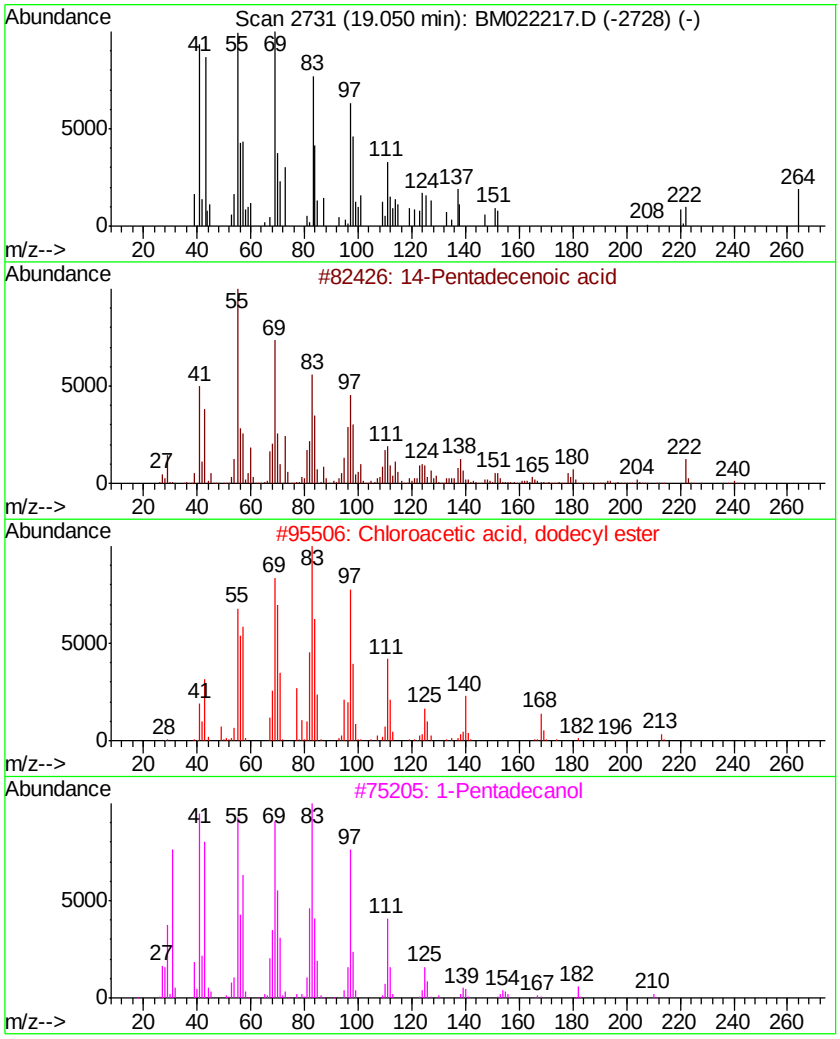
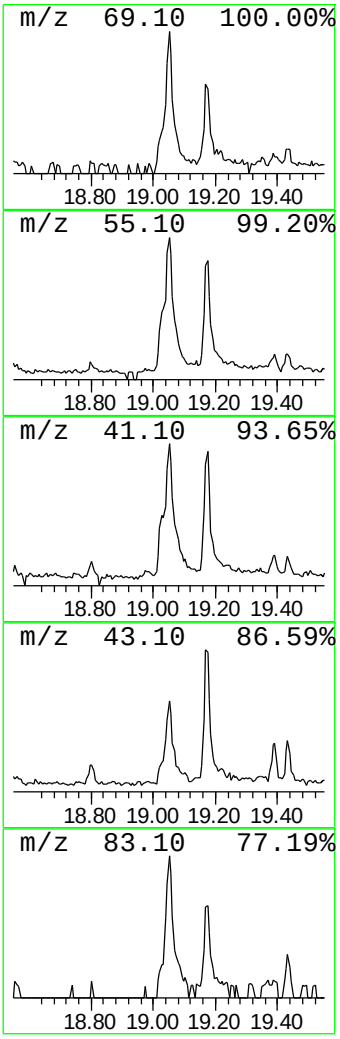
****

Peak Number 7 14-Pentadecenoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	6.92 ng	158340	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	14-Pentadecenoic acid	240	C15H28O2	017351-34-7	83
2	Chloroacetic acid, dodecyl ester	262	C14H27ClO2	006316-04-7	49
3	1-Pentadecanol	228	C15H32O	000629-76-5	46
4	Bicyclo[2.2.1]heptan-2-ol, 3,3-d...	140	C9H16O	000515-28-6	38
5	Hexadecen-1-ol, trans-9-	240	C16H32O	064437-47-4	38





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Misc :
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Instrument : BNA_M
ClientSampleId : 0624-SITE-WATER-VENICEAN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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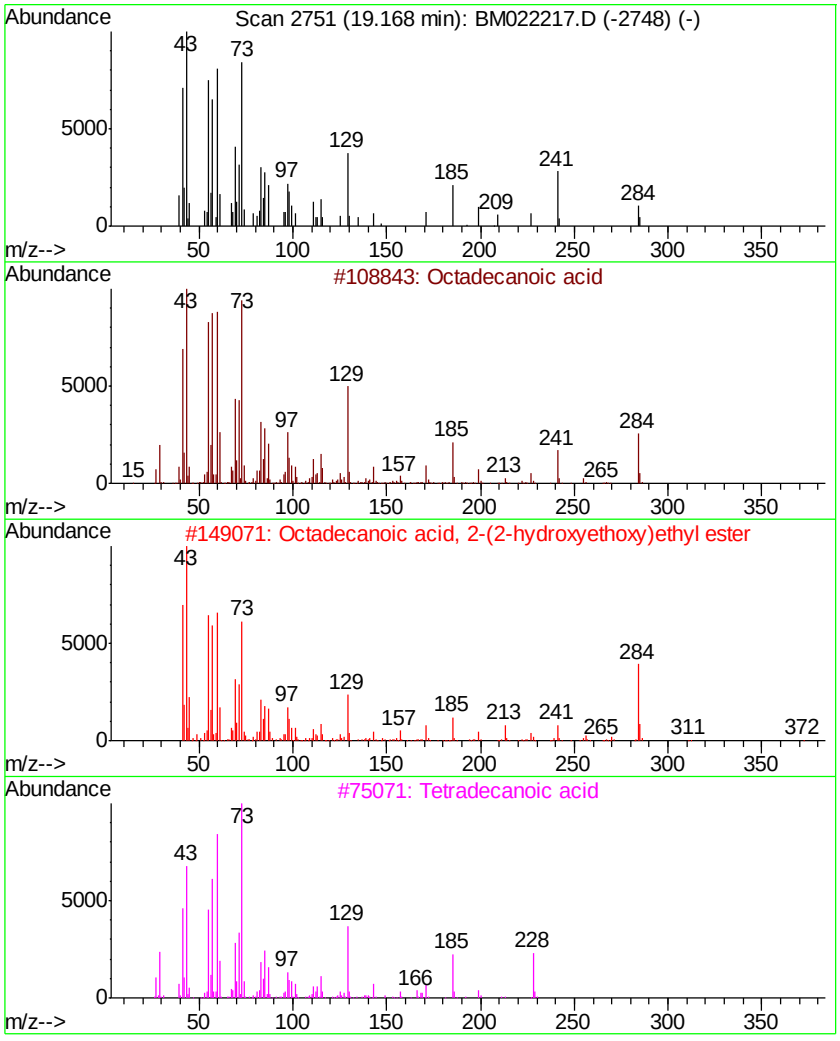
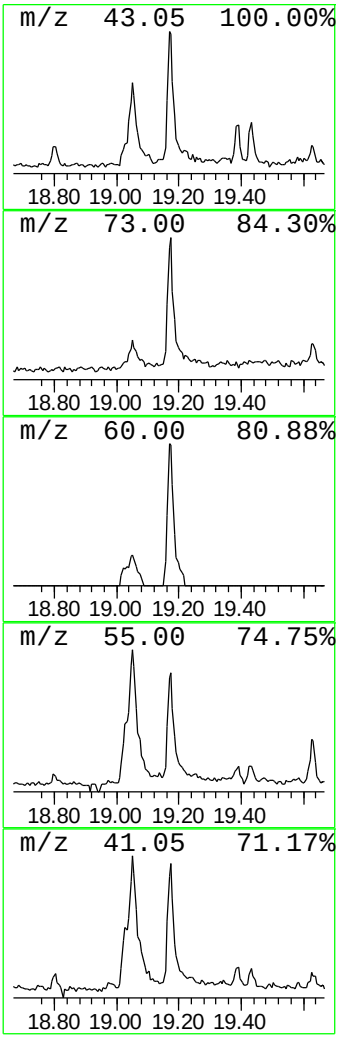
****

Peak Number 8 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	4.67 ng	121449	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Tridecanoic acid	214	C13H26O2	000638-53-9	59
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	59





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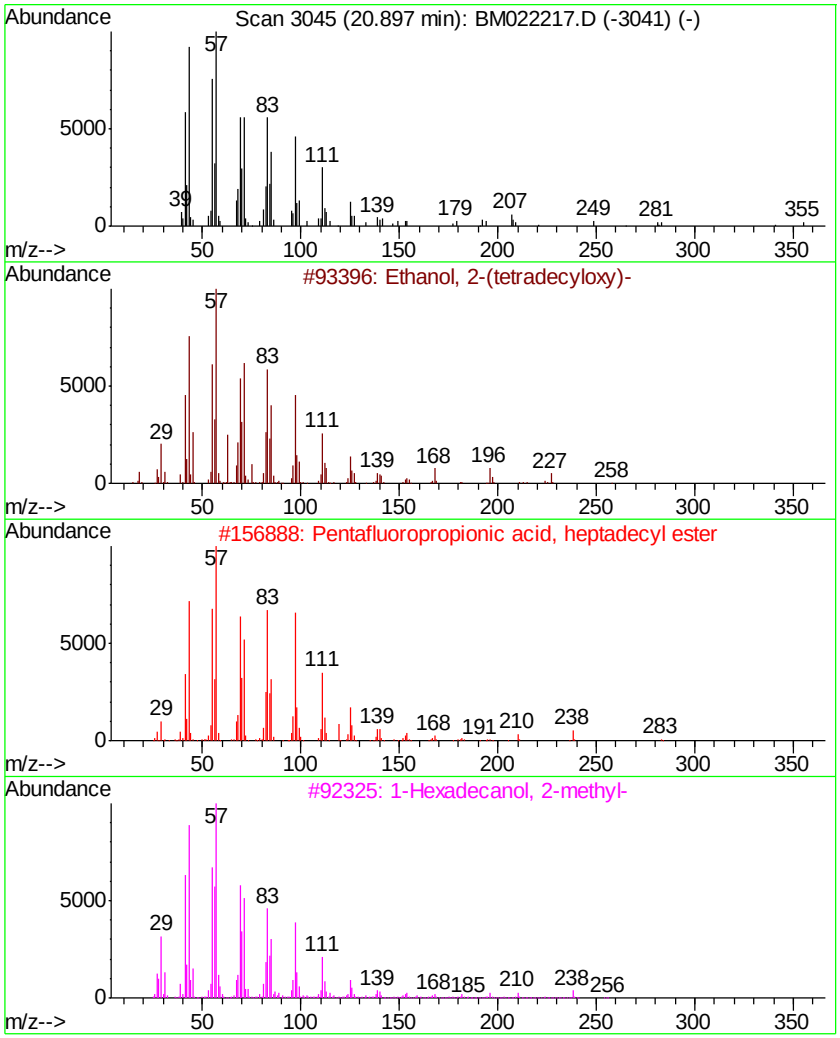
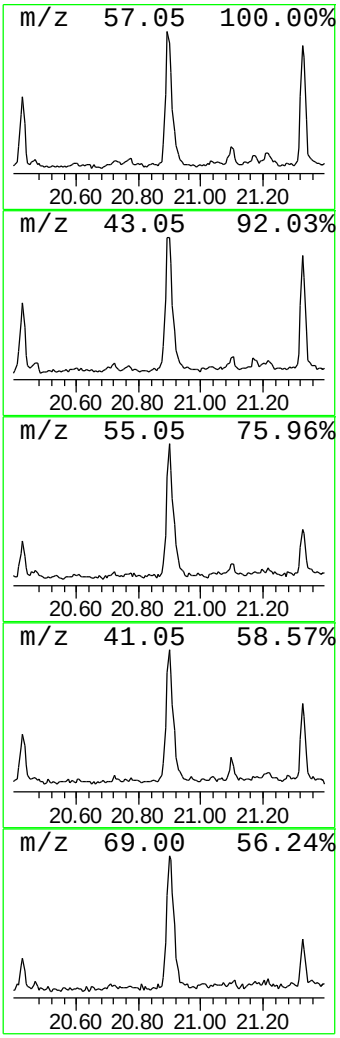
****

Peak Number 9 Ethanol, 2-(tetradecyloxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	7.39 ng	191964	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	87
3	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	87
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	81
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	76





Library Search Compound Report

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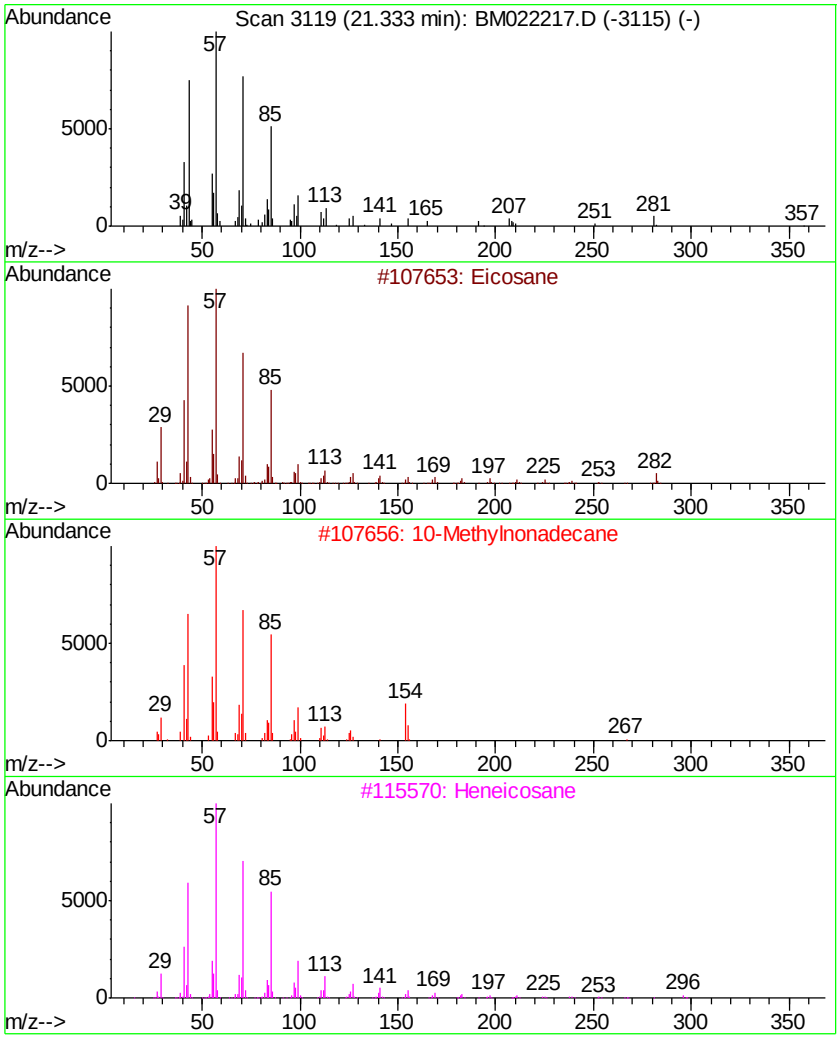
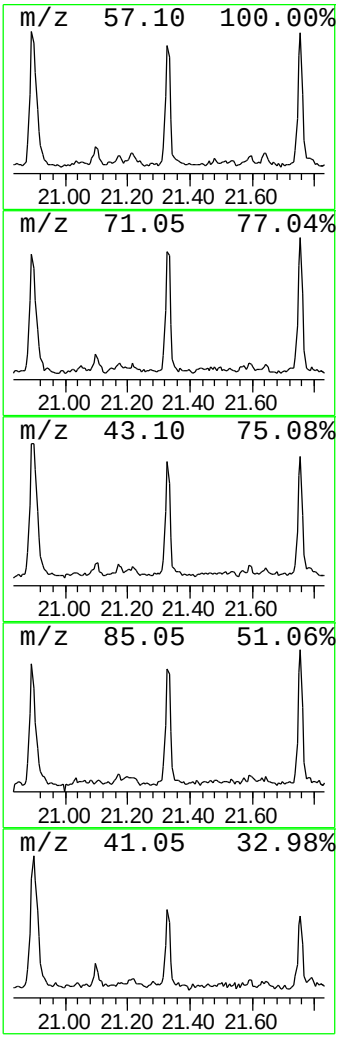
Peak Number 10 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	2.95 ng	76722	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	10-Methylnonadecane	282	C20H42	056862-62-5	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Octadecane	254	C18H38	000593-45-3	83
5	Octacosane	394	C28H58	000630-02-4	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082019\
Data File : BM022217.D
Acq On : 20 Aug 2019 18:03
Operator : HP/JU
Sample : K4331-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
0624-SITE-WATER-VENICEAN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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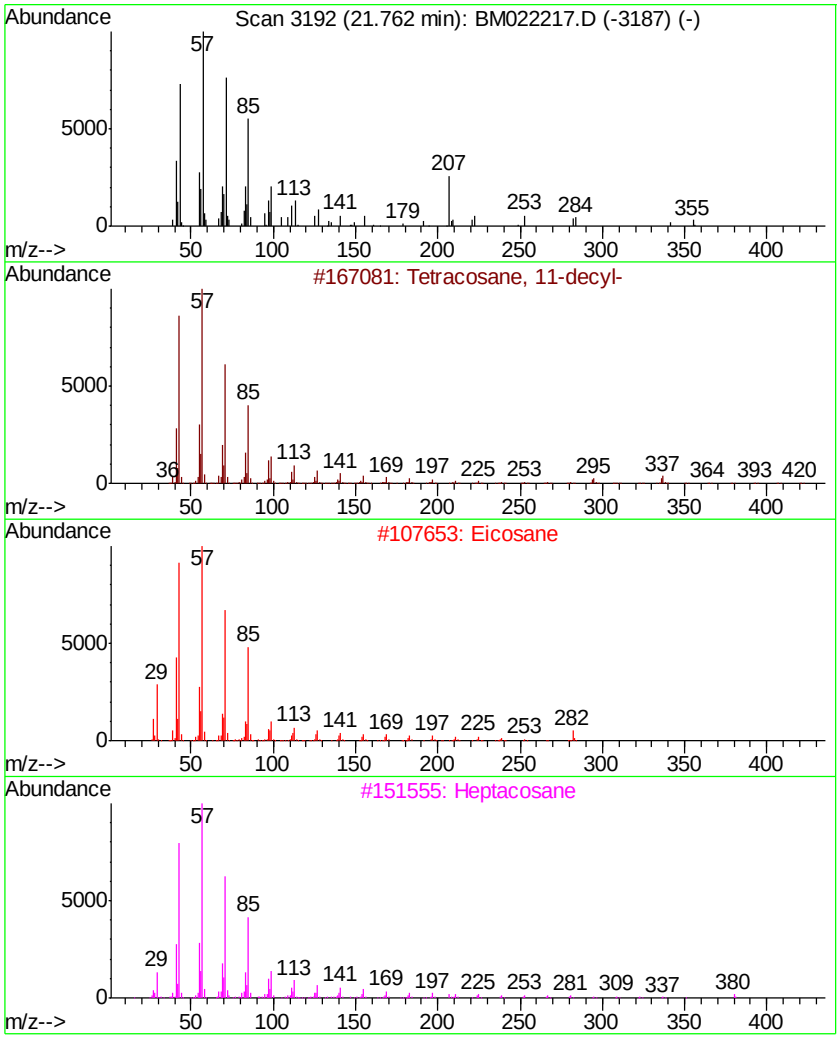
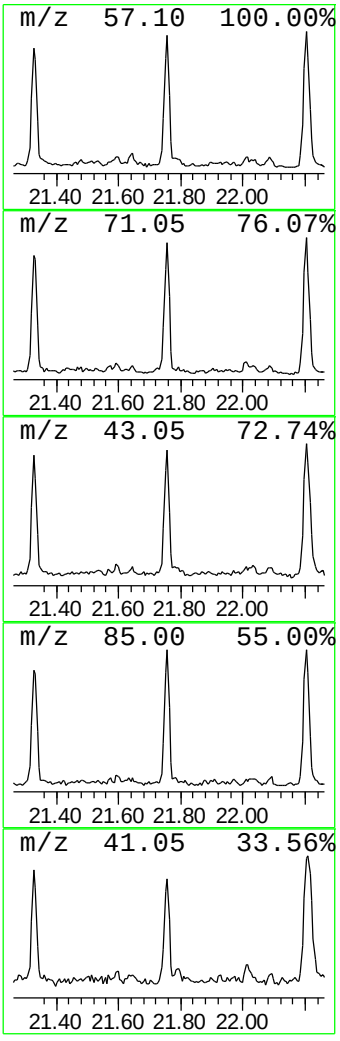
Peak Number 11 Tetracosane, 11-decyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	3.32 ng	86401	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
2	Eicosane	282	C20H42	000112-95-8	87
3	Heptacosane	380	C27H56	000593-49-7	87
4	Tetratriacontane	479	C34H70	014167-59-0	87
5	Tetratetracontane	619	C44H90	007098-22-8	83





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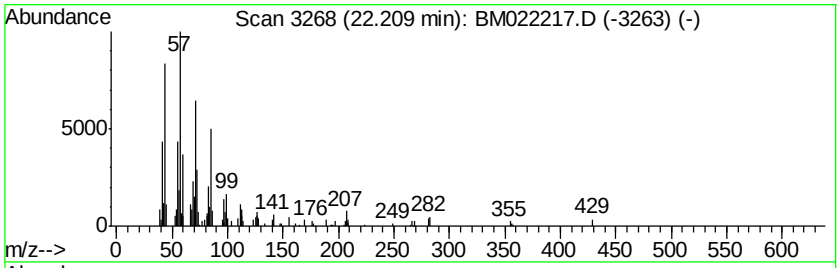
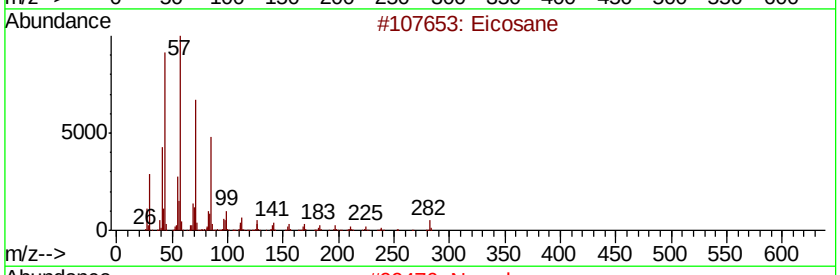
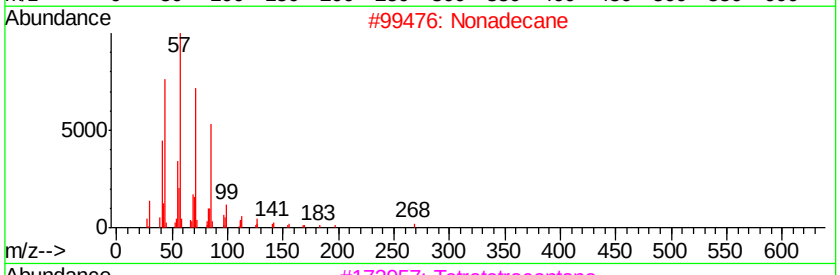
Peak Number 12 Nonadecane Concentration Rank 8

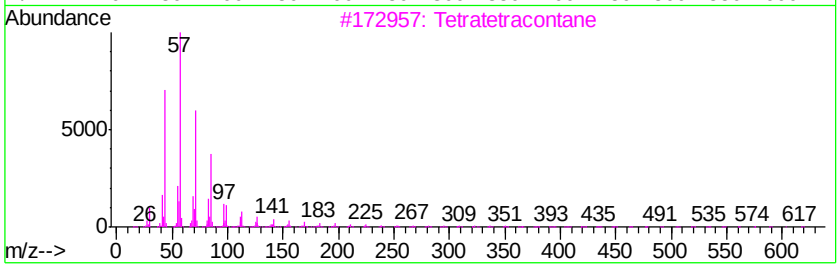
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.21	6.40 ng	166301	Chrysene-d12	21.20

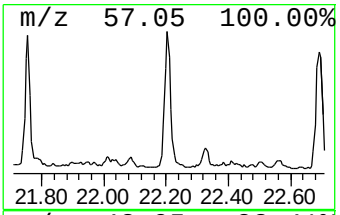
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Nonadecane	268	C19H40	000629-92-5	95
3	Tetratetracontane	619	C44H90	007098-22-8	64
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	64
5	1-Bromoeicosane	360	C20H41Br	004276-49-7	62

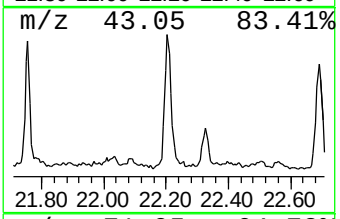


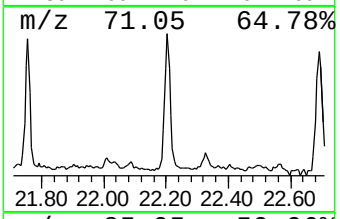


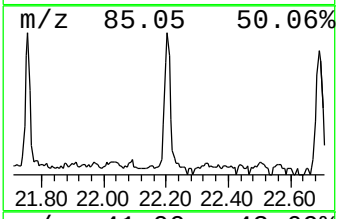


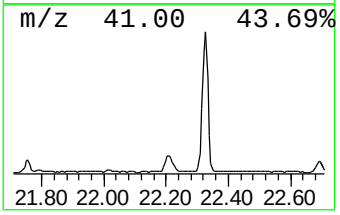












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ClientSampleId : 0624-SITE-WATER-VENICEAN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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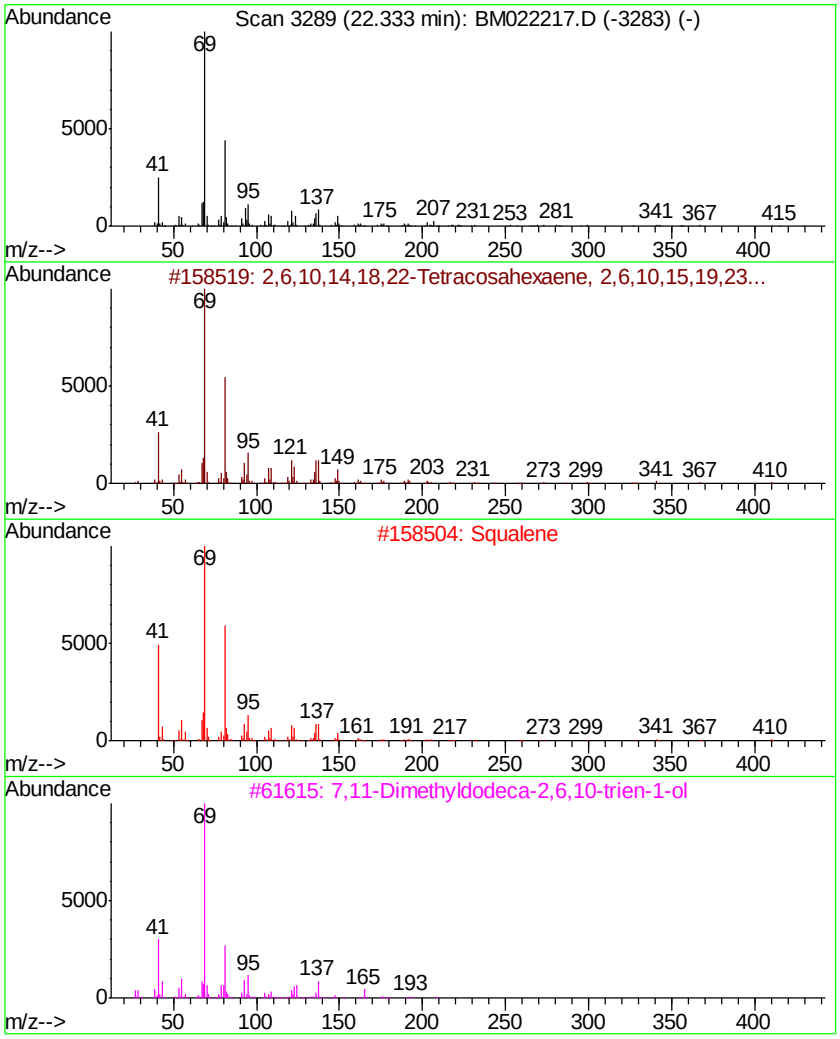
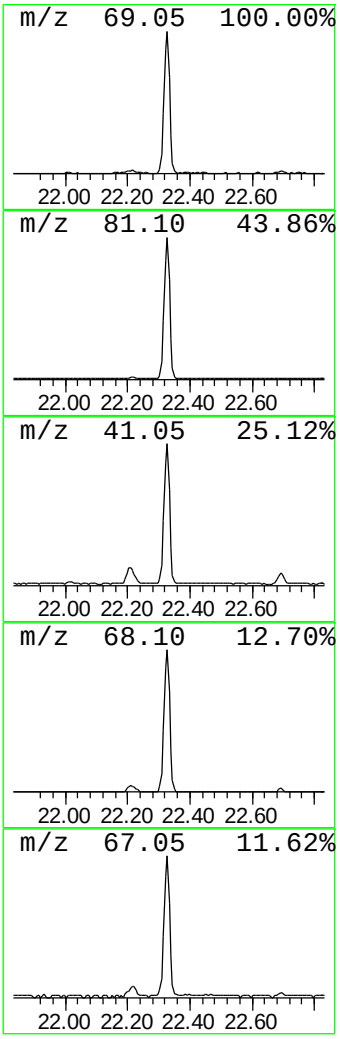
Peak Number 13 2,6,10,14,18,22-Tetracosahe... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	28.61 ng	777755	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	96
2	Squalene	410	C30H50	007683-64-9	94
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	87
4	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	83
5	2,6,10,14-Hexadecatetraen-1-ol, ...	332	C22H36O2	061691-98-3	78





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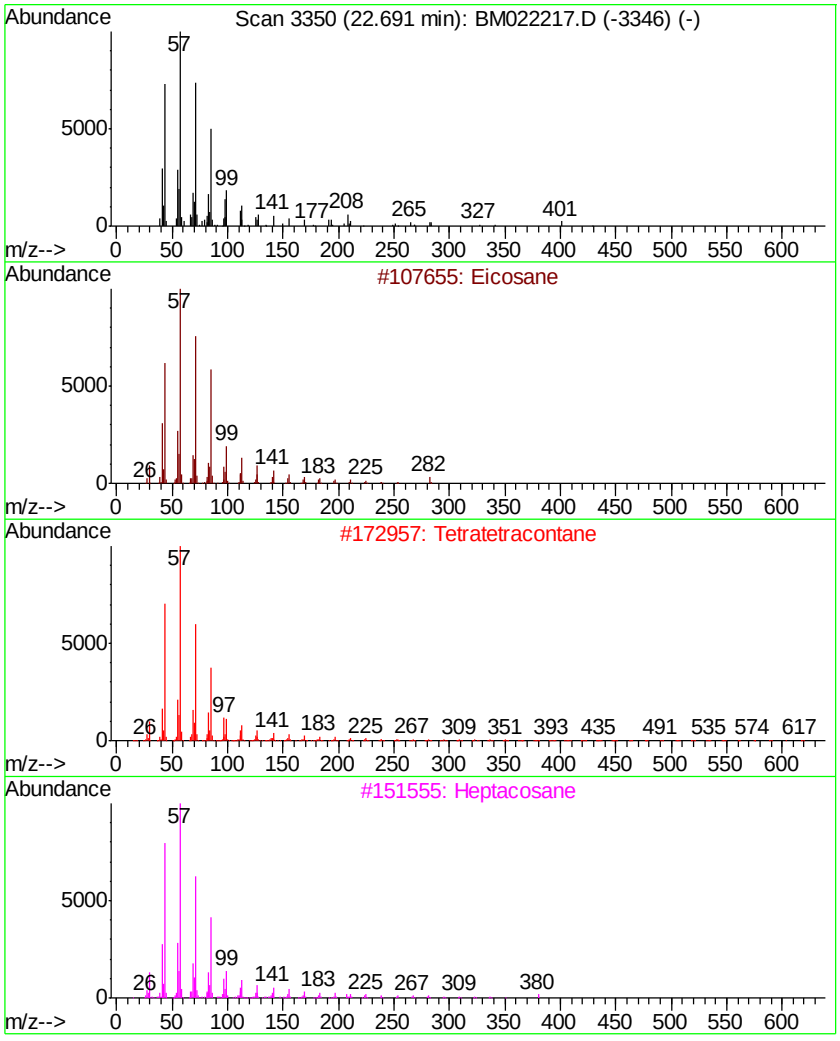
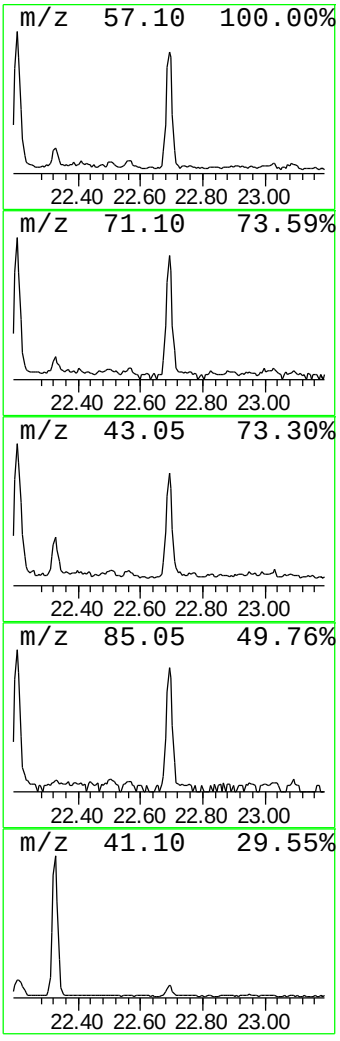
Peak Number 14 Tetratetracontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	3.36 ng	91282	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Tetratriacontane	479	C34H70	014167-59-0	90
5	Nonadecane	268	C19H40	000629-92-5	90





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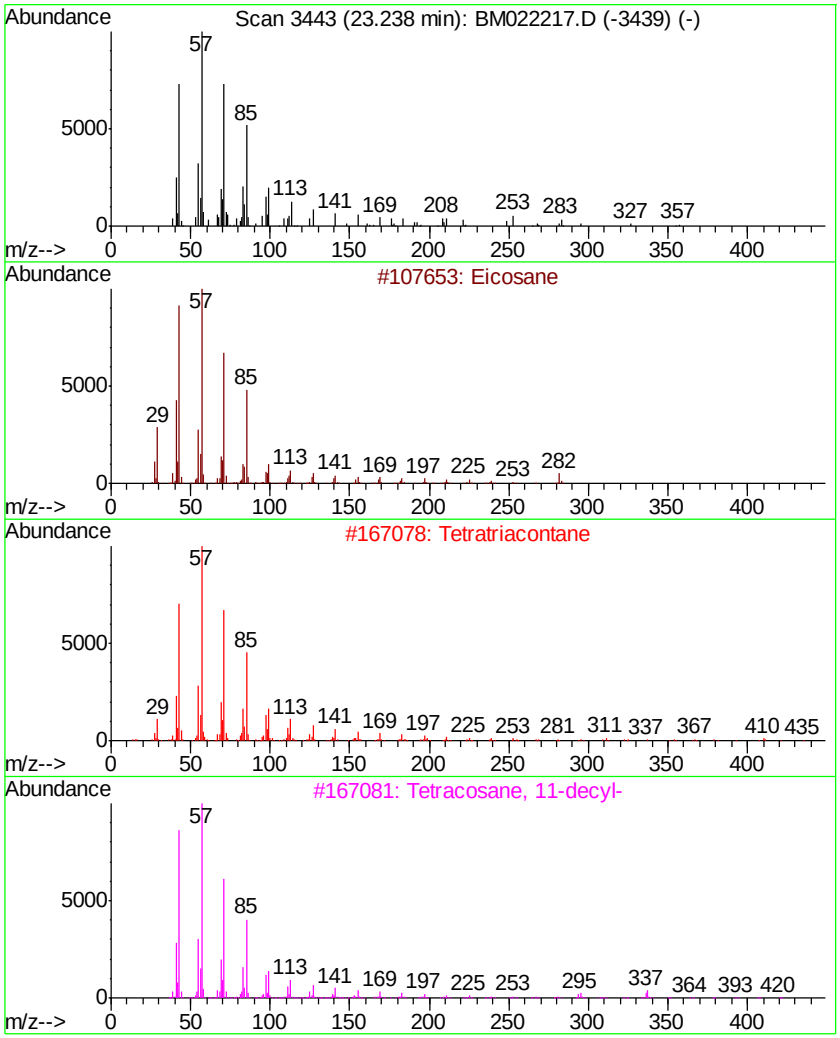
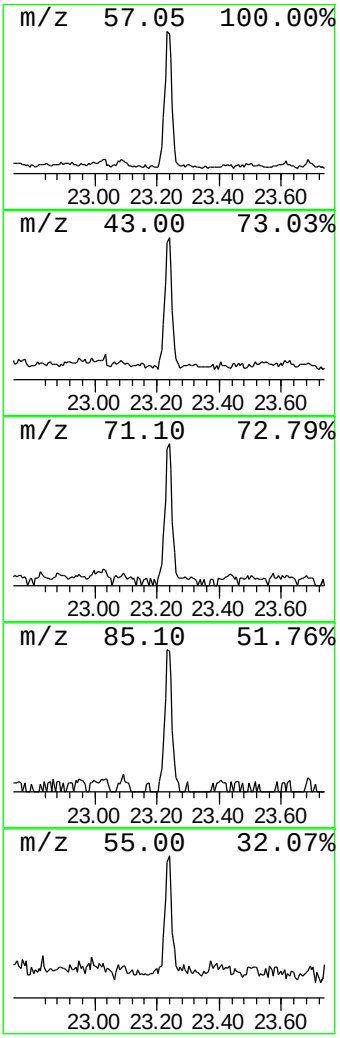
Peak Number 15 Docosane, 11-decyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.24	3.30 ng	89573	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Tetratriacontane	479	C34H70	014167-59-0	91
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
4	Docosane, 11-decyl-	451	C32H66	055401-55-3	90
5	Tetratetracontane	619	C44H90	007098-22-8	87





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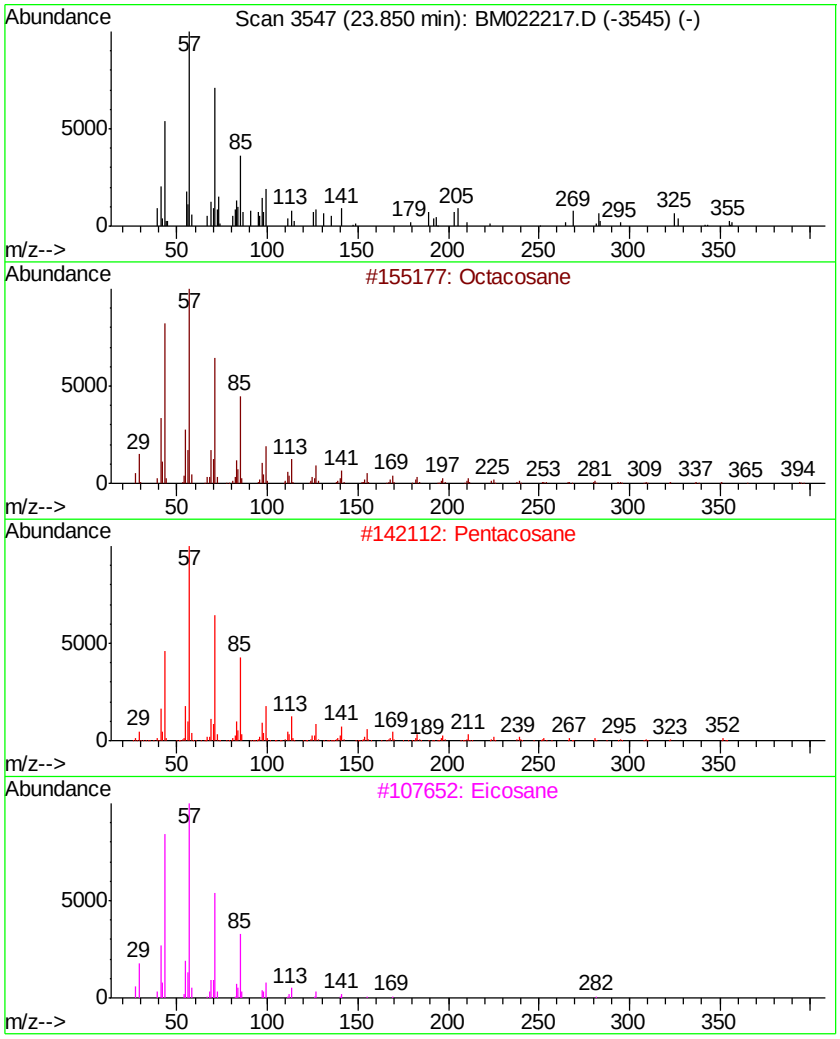
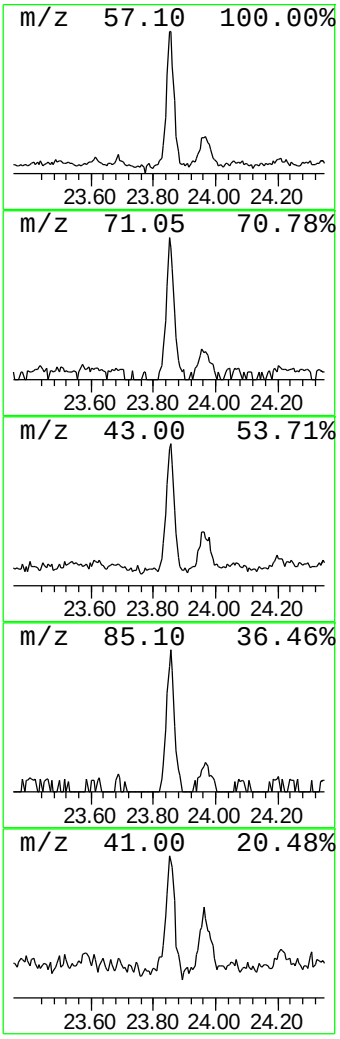
Peak Number 16 Octacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	2.33 ng	63216	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	64
2	Pentacosane	352	C25H52	000629-99-2	64
3	Eicosane	282	C20H42	000112-95-8	53
4	Heptadecane	240	C17H36	000629-78-7	50
5	Heneicosane	296	C21H44	000629-94-7	50





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.10	7.10	102.6	ng	1274300	1	7.57	248451	20.0
7,9-Di-tert-butyl...	17.65	20.3	ng	463027	4	16.99	457380	20.0
13-Octadecenal, (Z)-	17.76	3.6	ng	83144	4	16.99	457380	20.0
n-Hexadecanoic acid	17.89	18.9	ng	432880	4	16.99	457380	20.0
9,12-Octadecadien...	19.03	2.1	ng	48819	4	16.99	457380	20.0
14-Pentadecenoic ...	19.05	6.9	ng	158340	4	16.99	457380	20.0
Octadecanoic acid	19.17	4.7	ng	121449	5	21.20	519750	20.0
Ethanol, 2-(tetra...	20.90	7.4	ng	191964	5	21.20	519750	20.0
Eicosane	21.33	3.0	ng	76722	5	21.20	519750	20.0
Tetracosane, 11-d...	21.76	3.3	ng	86401	5	21.20	519750	20.0
Nonadecane	22.21	6.4	ng	166301	5	21.20	519750	20.0
2,6,10,14,18,22-T...	22.33	28.6	ng	777755	6	23.39	543612	20.0
Tetratetracontane	22.69	3.4	ng	91282	6	23.39	543612	20.0
Docosane, 11-decyl-	23.24	3.3	ng	89573	6	23.39	543612	20.0
Octacosane	23.85	2.3	ng	63216	6	23.39	543612	20.0