LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052722\
Data File : BM035301.D
Acq On : 27 May 2022 22:30
Operator : CG/JU
Sample : N2930-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P002-SS004-0006-01

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-BM052722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035301.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.457	396	403	416	rBV	1834987	2674774	48.55%	6.173%
2	7.051	661	674	690	rBV	1674269	2755692	50.02%	6.359%
3	7.875	807	814	822	rBV	507205	785488	14.26%	1.813%
4	9.033	1003	1011	1021	rBV	1067155	1767469	32.08%	4.079%
5	10.674	1282	1290	1303	rBV	593948	1006478	18.27%	2.323%
6	13.139	1701	1709	1717	rBV	2582421	3898908	70.76%	8.998%
7	13.286	1726	1734	1739	rVB2	45121	75349	1.37%	0.174%
8	13.933	1838	1844	1850	rBV2	110830	156066	2.83%	0.360%
9	14.362	1909	1917	1921	rBV5	49883	82485	1.50%	0.190%
10	14.510	1933	1942	1949	rBV	882015	1339036	24.30%	3.090%
11	14.580	1949	1954	1959	rVV	162146	268133	4.87%	0.619%
12	14.633	1959	1963	1974	rVB	108261	177073	3.21%	0.409%
13	14.768	1981	1986	1993	rVB2	45166	75490	1.37%	0.174%
14	15.998	2186	2195	2203	rBV	1989247	2802586	50.87%	6.468%
15	16.462	2269	2274	2281	rBV2	29151	58104	1.05%	0.134%
16	16.927	2349	2353	2359	rVB4	43031	61052	1.11%	0.141%
17	17.156	2388	2392	2400	rBV	75101	117175	2.13%	0.270%
18	17.256	2400	2409	2414	rVV	1023032	1487546	27.00%	3.433%
19	17.309	2414	2418	2422	rVV2	143197	178985	3.25%	0.413%
20	17.633	2468	2473	2486	rBV2	48505	89945	1.63%	0.208%
21	17.933	2521	2524	2529	rVB	63082	76981	1.40%	0.178%
22	18.039	2535	2542	2548	rBV3	30462	59448	1.08%	0.137%
23	18.162	2557	2563	2573	rBV	679033	986207	17.90%	2.276%
24	18.456	2608	2613	2619	rBV	90798	149353	2.71%	0.345%
25	18.939	2691	2695	2703	rBV	63530	95915	1.74%	0.221%
26	19.103	2716	2723	2731	rBV2	95375	178369	3.24%	0.412%
27	19.433	2775	2779	2790	rBV2	300514	459108	8.33%	1.059%
28	19.880	2849	2855	2860	rBV	4552908	5509656	100.00%	12.715%
29	20.421	2943	2947	2955	rBV	487295	641049	11.64%	1.479%
30	20.521	2960	2964	2968	rVV4	56126	101819	1.85%	0.235%
31	20.574	2969	2973	2978	rVB	450497	496758	9.02%	1.146%
32	20.780	3004	3008	3015	rBV2	296007	400016	7.26%	0.923%
33	20.862	3018	3022	3027	rVB	239146	280613	5.09%	0.648%
34	20.962	3034	3039	3044	rBV	1000396	1254639	22.77%	2.895%
35	21.050	3051	3054	3058	rVB	239944	257310	4.67%	0.594%
36	21.156	3065	3072	3081	rBV2	680601	1218957	22.12%	2.813%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052722\
Data File : BM035301.D
Acq On : 27 May 2022 22:30
Operator : CG/JU
Sample : N2930-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P002-SS004-0006-01

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-BM052722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	21.433	3114	3119	3131	rBV	1378566	1965306	35.67%	4.535%
38	21.603	3146	3148	3156	rVB	143796	171824	3.12%	0.397%
39	21.862	3187	3192	3197	rVB	1237953	1620268	29.41%	3.739%
40	22.286	3259	3264	3272	rBV	1097176	1550352	28.14%	3.578%
41	23.085	3397	3400	3405	rVB	294258	408236	7.41%	0.942%
42	23.803	3516	3522	3532	rVB2	897857	1829895	33.21%	4.223%
43	24.415	3622	3626	3634	rVB	350566	672099	12.20%	1.551%
44	24.515	3637	3643	3656	rVB2	537263	1405419	25.51%	3.243%
45	27.173	4089	4095	4114	rVB6	454587	1685636	30.59%	3.890%

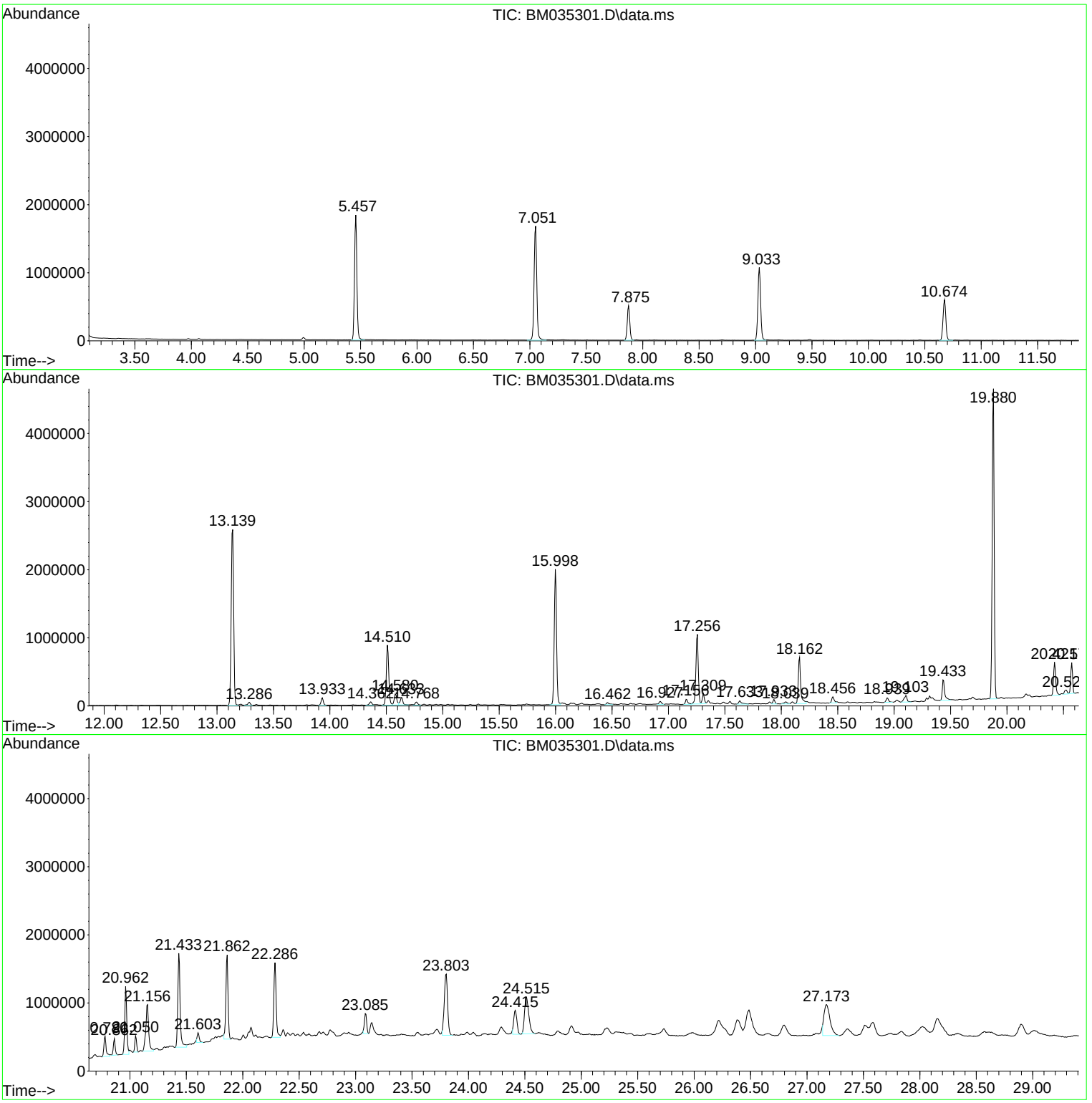
Sum of corrected areas: 43333067

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052722\
Data File : BM035301.D
Acq On : 27 May 2022 22:30
Operator : CG/JU
Sample : N2930-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P002-SS004-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.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_M\Data\BM052722\
Data File : BM035301.D
Acq On : 27 May 2022 22:30
Operator : CG/JU
Sample : N2930-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P002-SS004-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

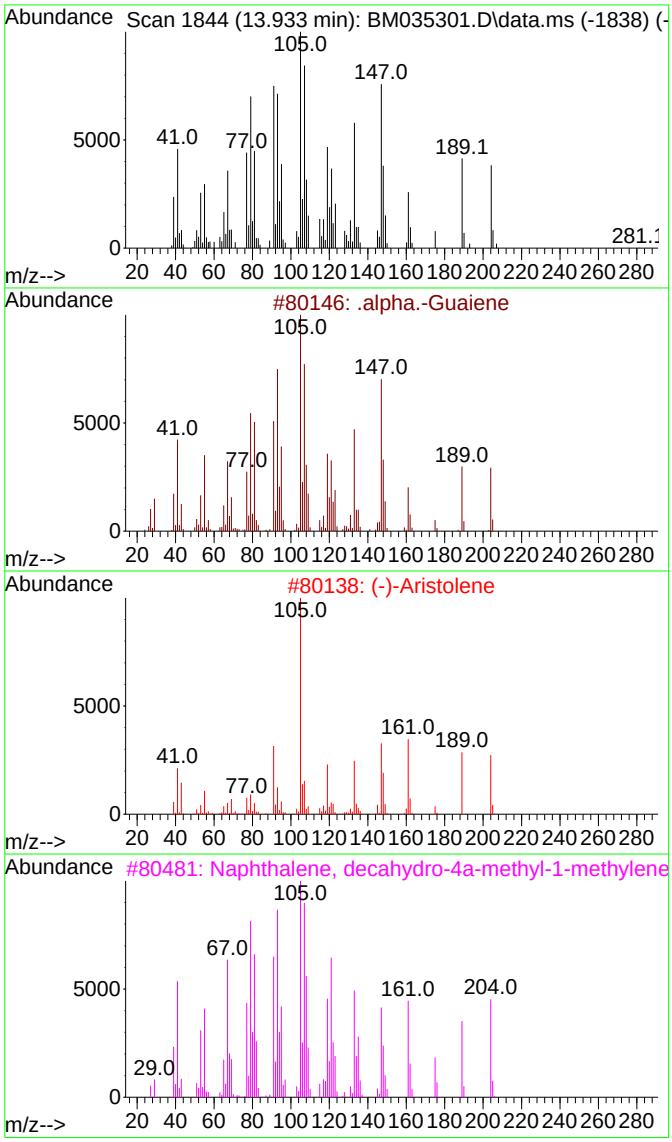
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

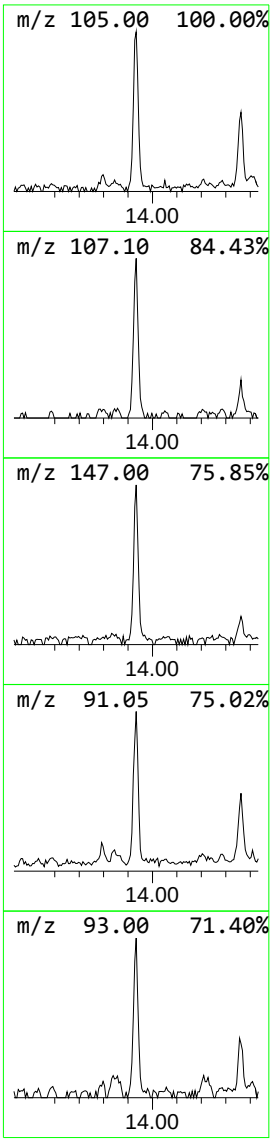
****

Peak Number 1 .alpha.-Guaiene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.933	2.33 ng	156066	Acenaphthene-d10	14.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Guaiene	204	C15H24	003691-12-1	99
2	(-)-Aristolene	204	C15H24	006831-16-9	83
3	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	74
4	.beta.-Humulene	204	C15H24	000116-04-1	70
5	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	010219-75-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052722\
Data File : BM035301.D
Acq On : 27 May 2022 22:30
Operator : CG/JU
Sample : N2930-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P002-SS004-0006-01

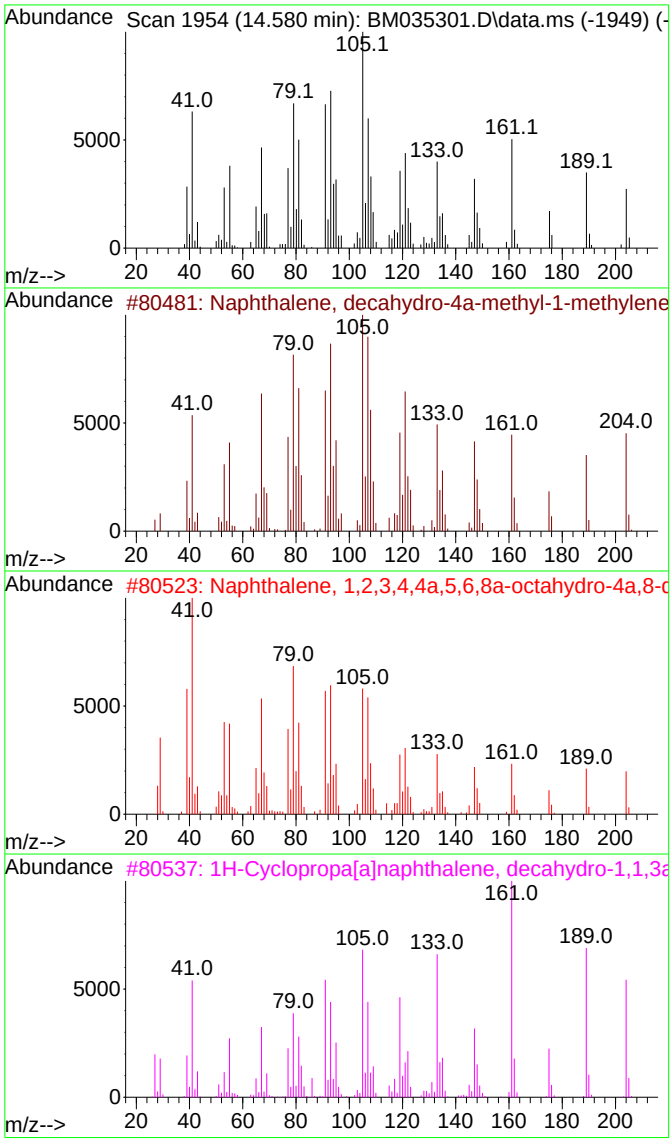
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

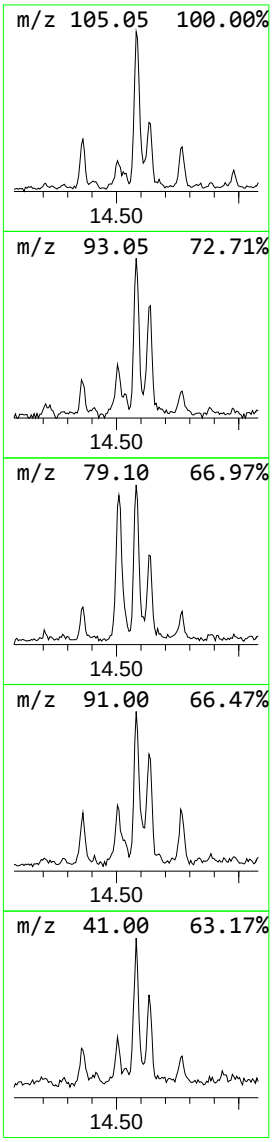
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, decahydro-4a-m... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.580	4.00 ng	268133	Acenaphthene-d10	14.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	99
2	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	99
3	1H-Cyclopropa[a]naphthalene, dec...	204	C15H24	020071-49-2	98
4	.alpha.-Guaiene	204	C15H24	003691-12-1	95
5	(-)-Aristolene	204	C15H24	006831-16-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052722\
Data File : BM035301.D
Acq On : 27 May 2022 22:30
Operator : CG/JU
Sample : N2930-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P002-SS004-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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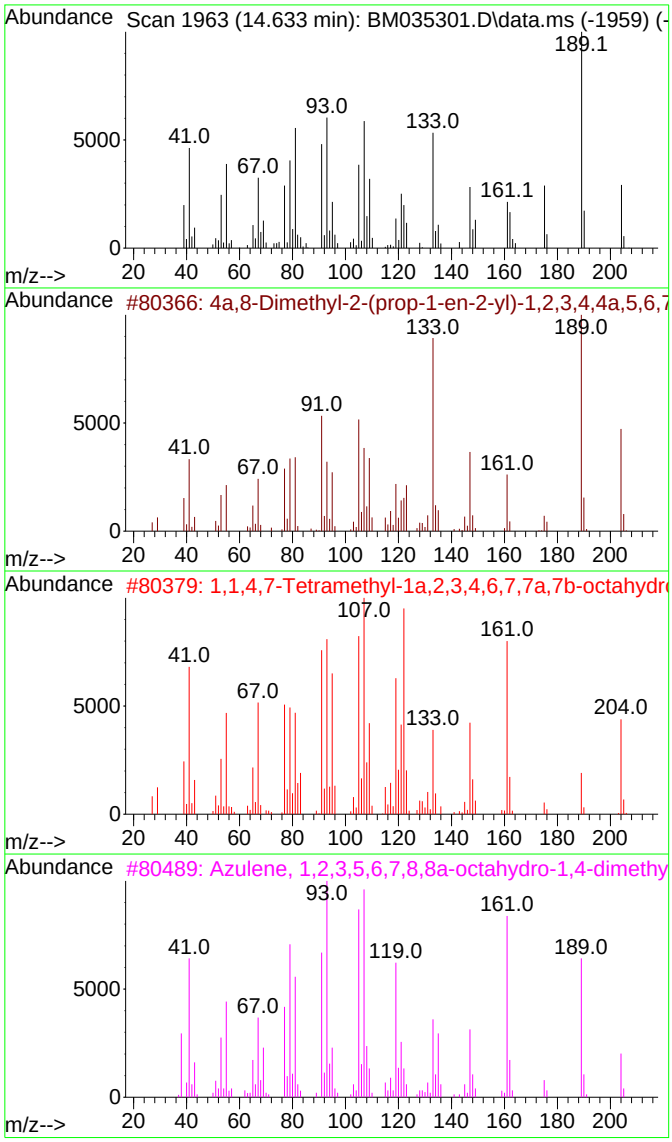
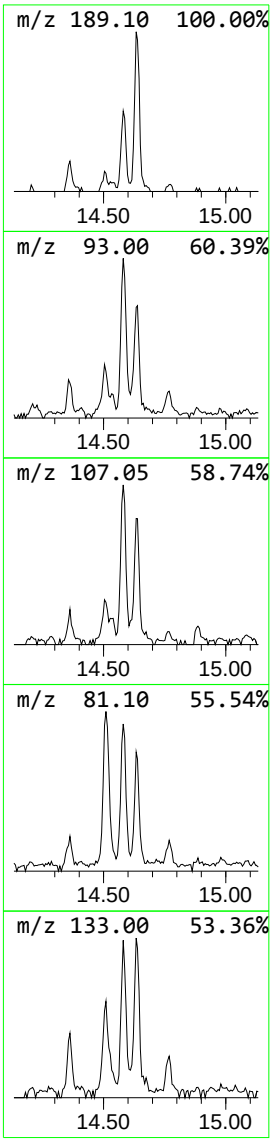
Peak Number 3 unknown14.633 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.633	2.64 ng	177073	Acenaphthene-d10	14.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4a,8-Dimethyl-2-(prop-1-en-2-yl)...	204	C15H24	103827-22-1	83
2	1,1,4,7-Tetramethyl-1a,2,3,4,6,7...	204	C15H24	405112-35-8	80
3	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	78
4	Cycloheptane, 4-methylene-1-meth...	204	C15H24	1010159-38-5	76
5	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052722\
Data File : BM035301.D
Acq On : 27 May 2022 22:30
Operator : CG/JU
Sample : N2930-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P002-SS004-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

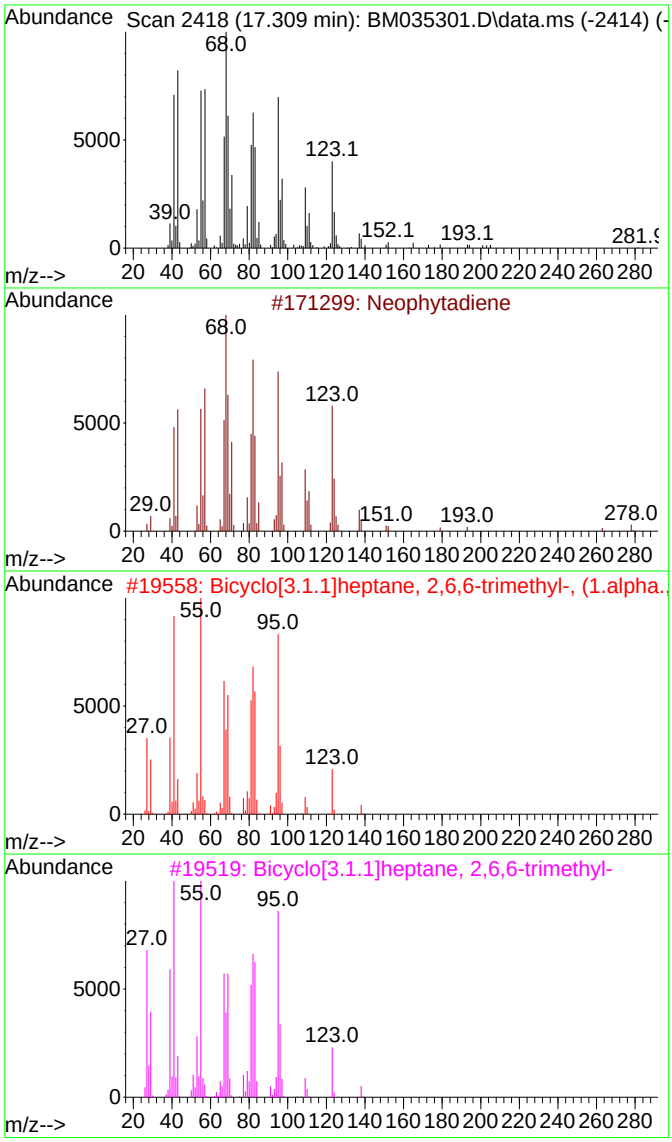
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

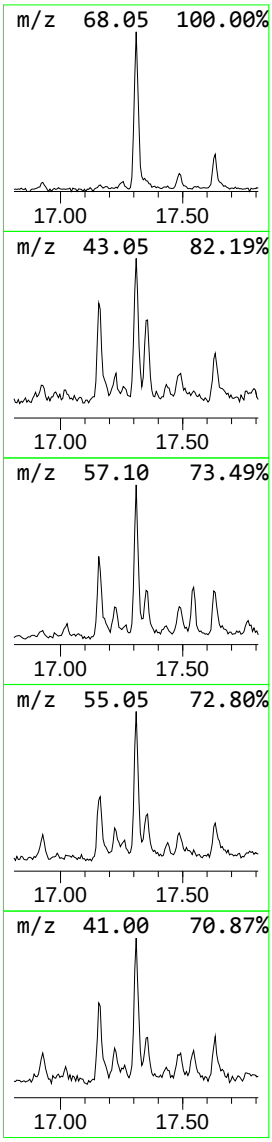
****

Peak Number 4 Neophytadiene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.309	2.41 ng	178985	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neophytadiene	278	C20H38	000504-96-1	90
2	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	006876-13-7	90
3	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	60
4	Bicyclo[3.1.1]heptane-2-carboxal...	152	C10H16O	004764-14-1	45
5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052722\
Data File : BM035301.D
Acq On : 27 May 2022 22:30
Operator : CG/JU
Sample : N2930-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P002-SS004-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

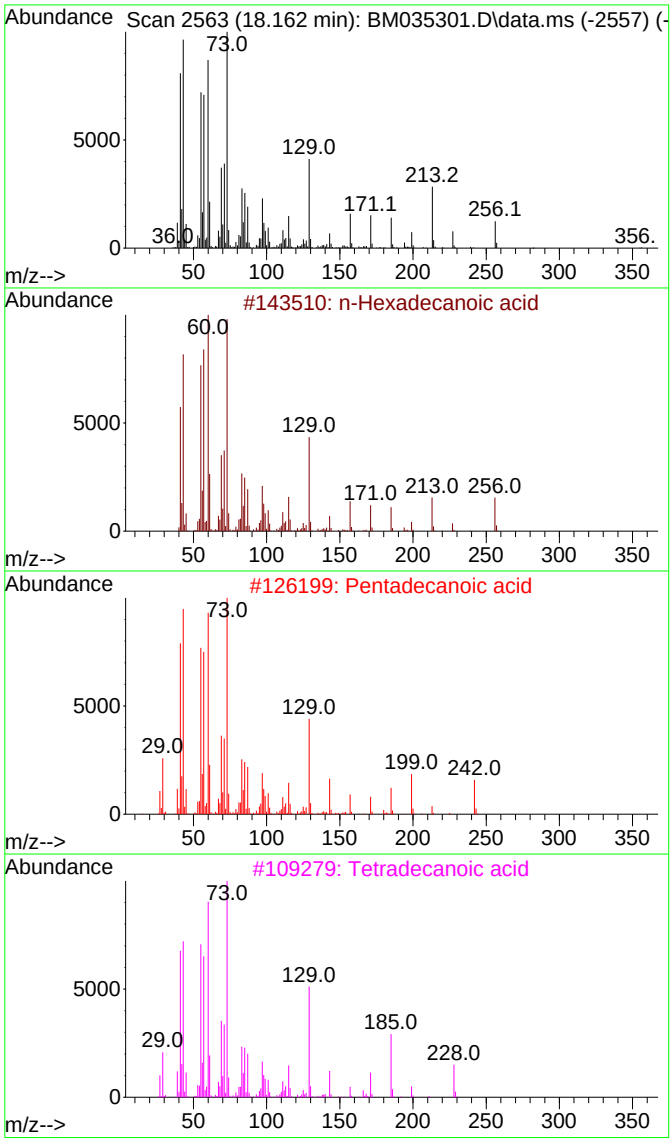
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

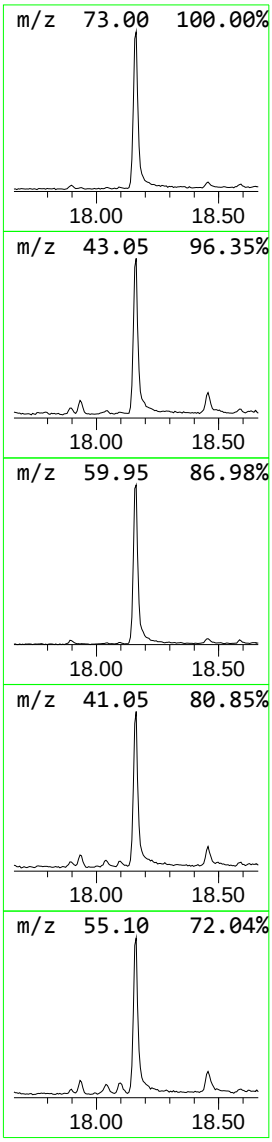
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.162	13.26 ng	986207	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Octadecanoic acid	284	C18H36O2	000057-11-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052722\
Data File : BM035301.D
Acq On : 27 May 2022 22:30
Operator : CG/JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P002-SS004-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

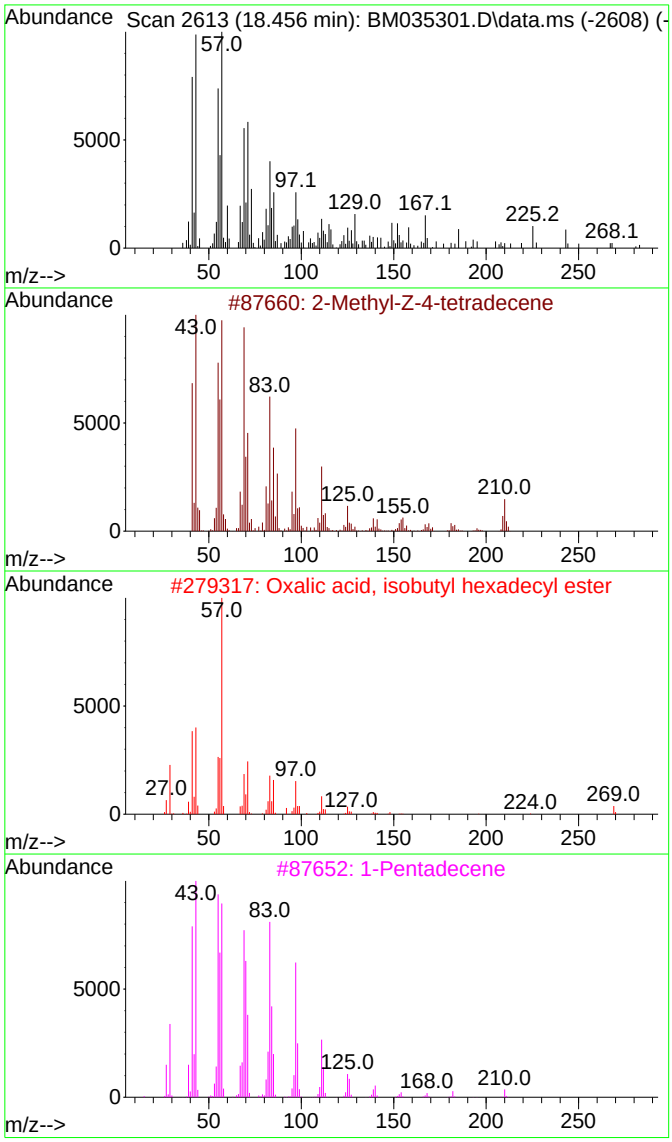
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

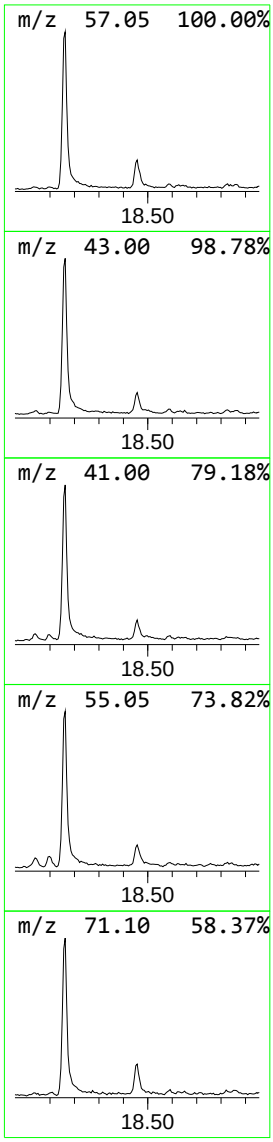
****

Peak Number 6 2-Methyl-Z-4-tetradecene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.456	2.01 ng	149353	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-Z-4-tetradecene	210	C15H30	1000130-78-3	60
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	58
3	1-Pentadecene	210	C15H30	013360-61-7	55
4	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	53
5	Cyclododecane	168	C12H24	000294-62-2	50





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ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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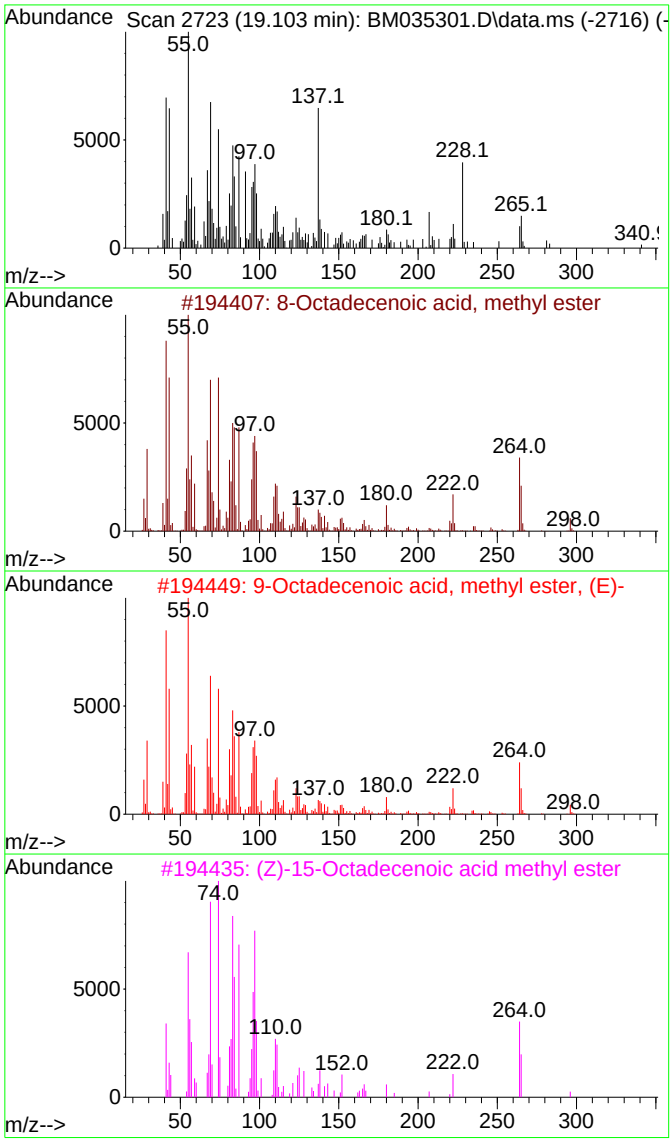
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

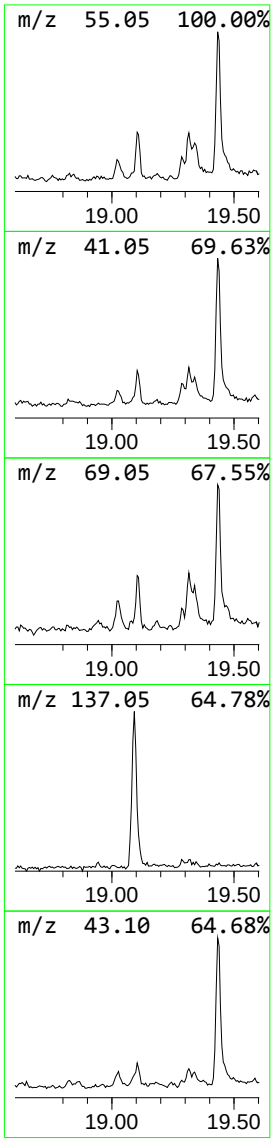
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 8-Octadecenoic acid, methyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.103	2.40 ng	178369	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	83
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	78
3	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	78
4	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	78
5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052722\
Data File : BM035301.D
Acq On : 27 May 2022 22:30
Operator : CG/JU
Sample : N2930-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P002-SS004-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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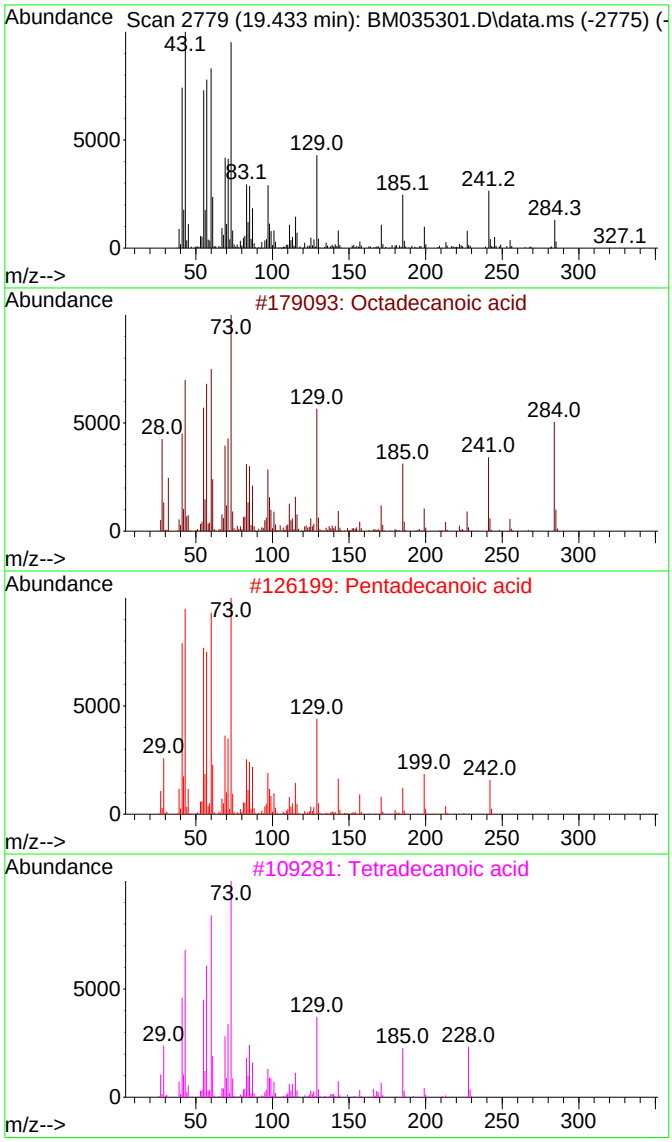
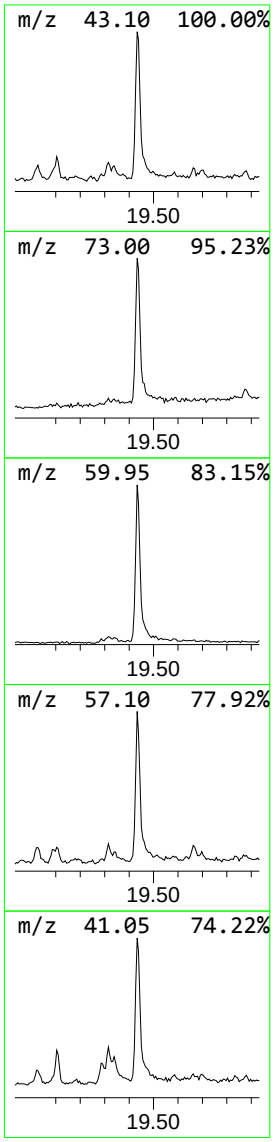
Peak Number 8 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.433	4.67 ng	459108	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





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Acq On : 27 May 2022 22:30
Operator : CG/JU
Sample : N2930-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P002-SS004-0006-01

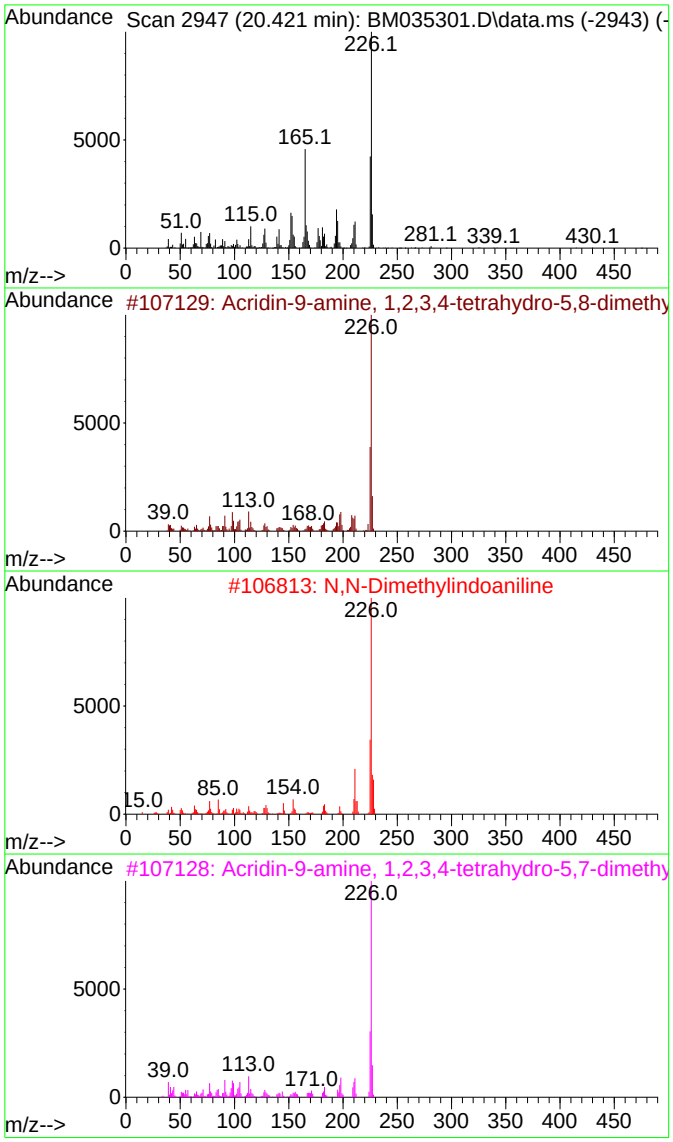
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

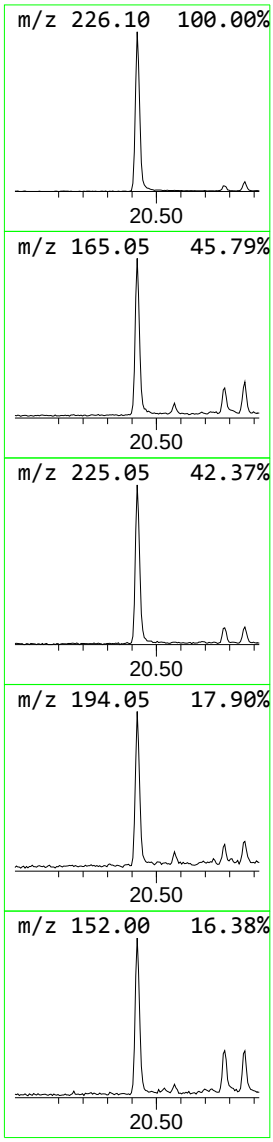
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Acridin-9-amine, 1,2,3,4-te... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.421	6.52 ng	641049	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	70
2	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	49
3	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	1000300-57-6	49
4	Benzenamine, 4,4'-methylenebis[2...	226	C15H18N2	000838-88-0	47
5	Benzenamine, N-[(4-nitrophenyl)m...	226	C13H10N2O2	000785-80-8	46





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Operator : CG/JU
Sample : N2930-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P002-SS004-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

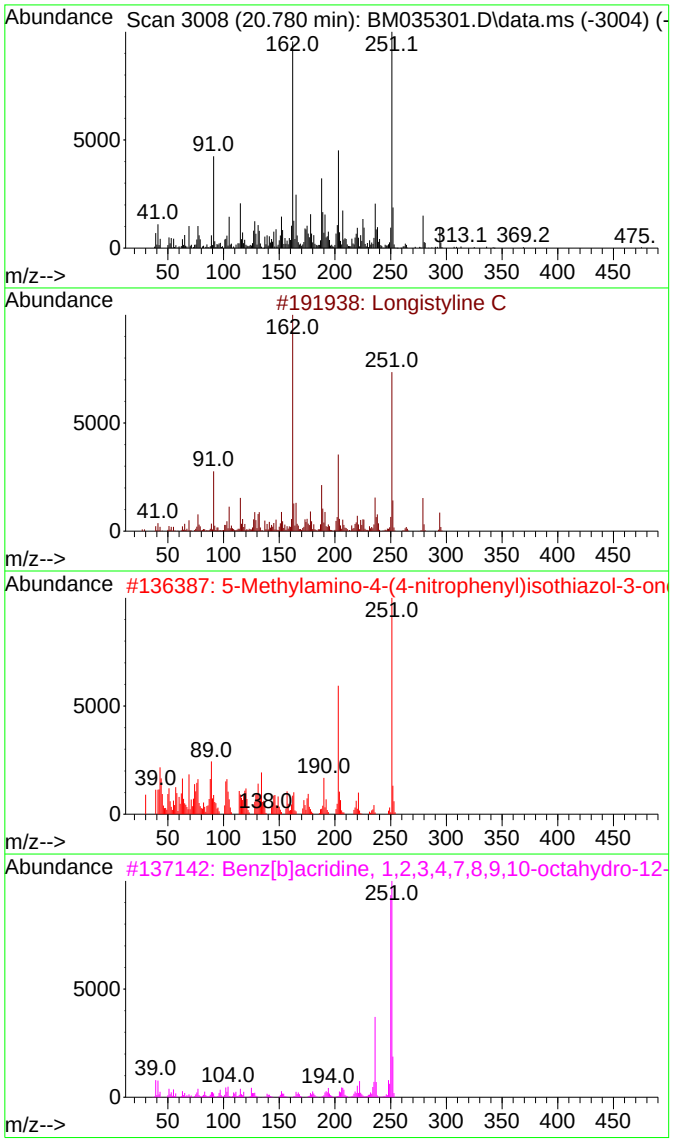
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

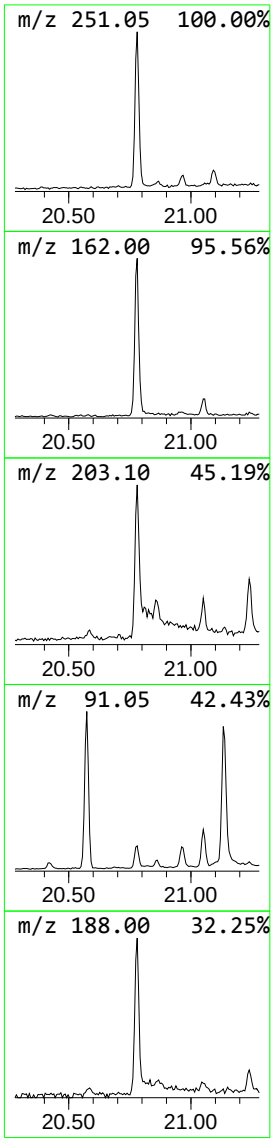
****

Peak Number 10 Longistyline C Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.780	4.07 ng	400016	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Longistyline C	294	C20H22O2	064125-60-6	95
2	5-Methylamino-4-(4-nitrophenyl)i...	251	C10H9N3O3S	1000311-74-7	38
3	Benz[b]acridine, 1,2,3,4,7,8,9,1...	251	C18H21N	055044-74-1	38
4	3,5-Dichloro-cyclohexa-3,5-dien-...	246	C10H13BCl2O2	1000293-25-4	35
5	Benz[c]acridine, 1,2,3,4,8,9,10,...	251	C18H21N	055044-73-0	30





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Operator : CG/JU
Sample : N2930-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P002-SS004-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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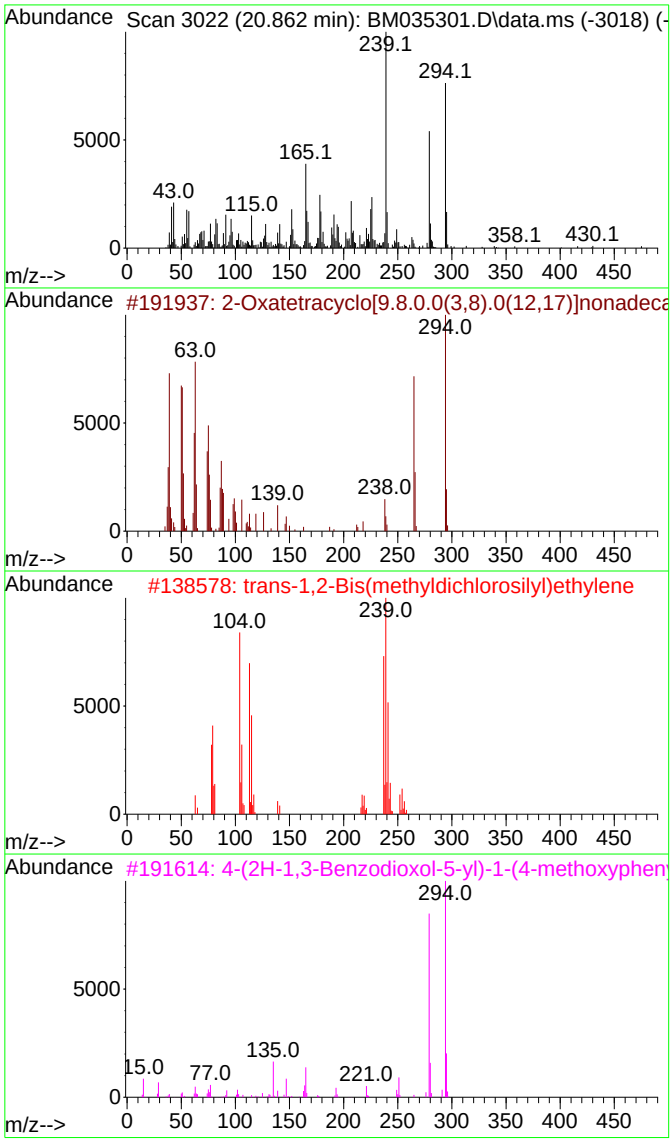
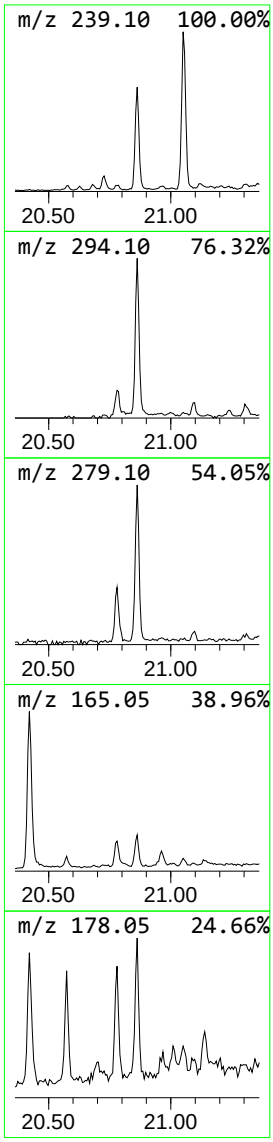
Peak Number 11 trans-1,2-Bis(methyldichlor... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.862	2.86 ng	280613	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Oxatetracyclo[9.8.0.0(3,8).0(1...	294	C20H10N2O	1000388-52-8	90
2	trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	56
3	4-(2H-1,3-Benzodioxol-5-yl)-1-(4...	294	C18H14O4	1000444-70-6	41
4	3,3,14,16-Tetramethyl-4,12-diaza...	294	C19H22N2O	1000443-18-0	38
5	4-(1,2,3,6,7,8-Hexahydro-4-pyren...	294	C20H22O2	066787-94-8	30





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Operator : CG/JU
Sample : N2930-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P002-SS004-0006-01

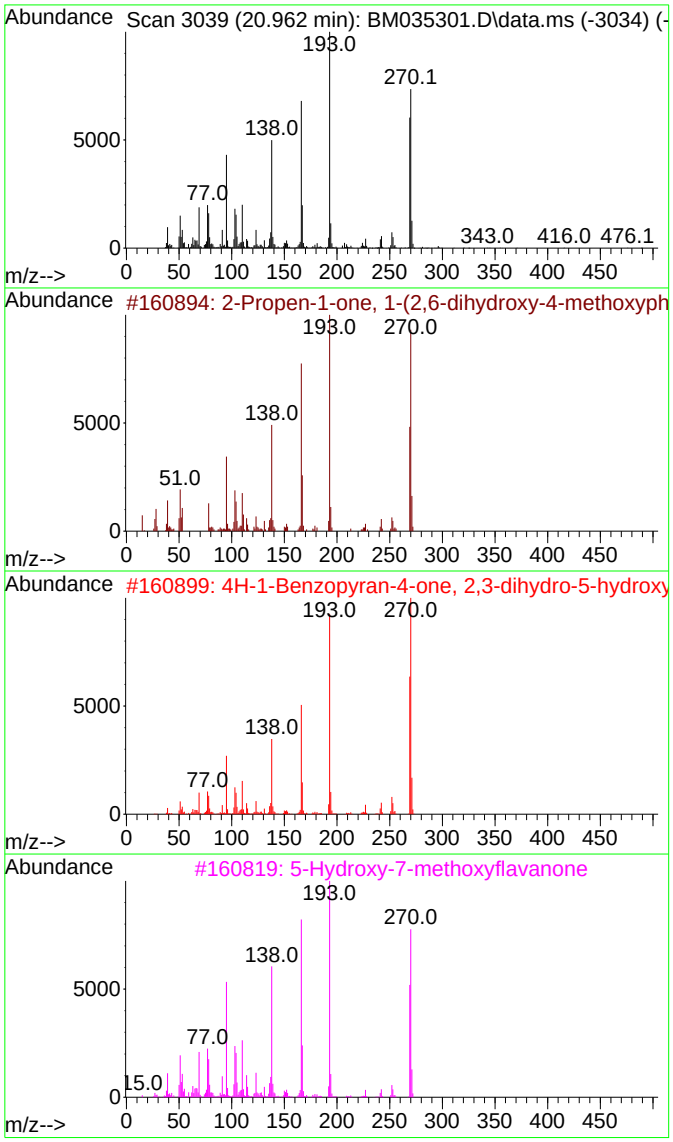
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

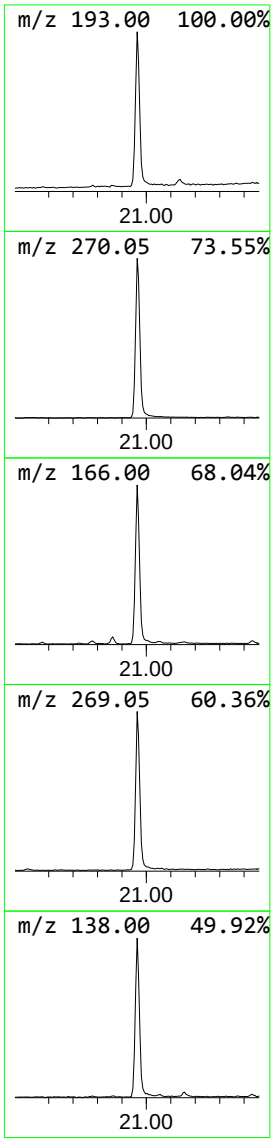
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 2-Propen-1-one, 1-(2,6-dihy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.962	12.77 ng	1254640	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propen-1-one, 1-(2,6-dihydroxy...	270	C16H14O4	018956-15-5	99
2	4H-1-Benzopyran-4-one, 2,3-dihyd...	270	C16H14O4	000480-37-5	97
3	5-Hydroxy-7-methoxyflavanone	270	C16H14O4	075291-74-6	97
4	Estra-4,9,11-trien-3-one, 17-.be...	270	C18H22O2	010161-33-8	59
5	Cardamonin	270	C16H14O4	019309-14-9	49





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Operator : CG/JU
Sample : N2930-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P002-SS004-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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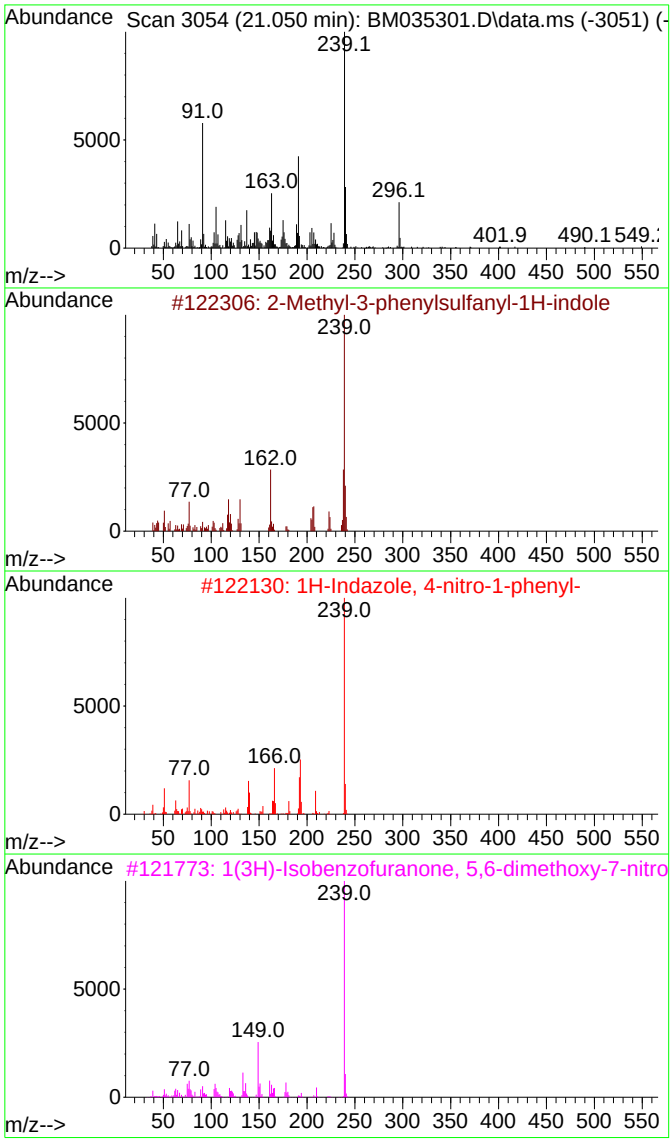
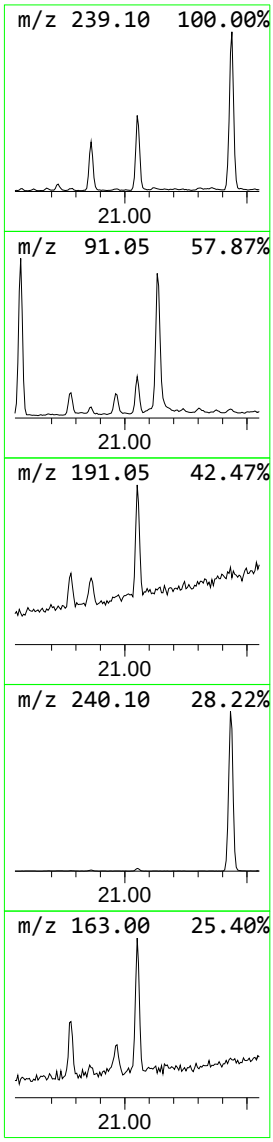
Peak Number 13 unknown21.050 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.050	2.62 ng	257310	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-3-phenylsulfanyl-1H-indole	239	C15H13NS	1000322-52-7	37
2	1H-Indazole, 4-nitro-1-phenyl-	239	C13H9N3O2	1000327-29-9	35
3	1(3H)-Isobenzofuranone, 5,6-dime...	239	C10H9NO6	1000337-44-0	35
4	o-(2,4-Dinitrostyryl)-phenol	286	C14H10N2O5	1000080-54-8	32
5	Ethyl 3,6-dihydroxy-6-methyl-4-(...	330	C18H22N2O4	1000389-06-2	32





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Acq On : 27 May 2022 22:30
Operator : CG/JU
Sample : N2930-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P002-SS004-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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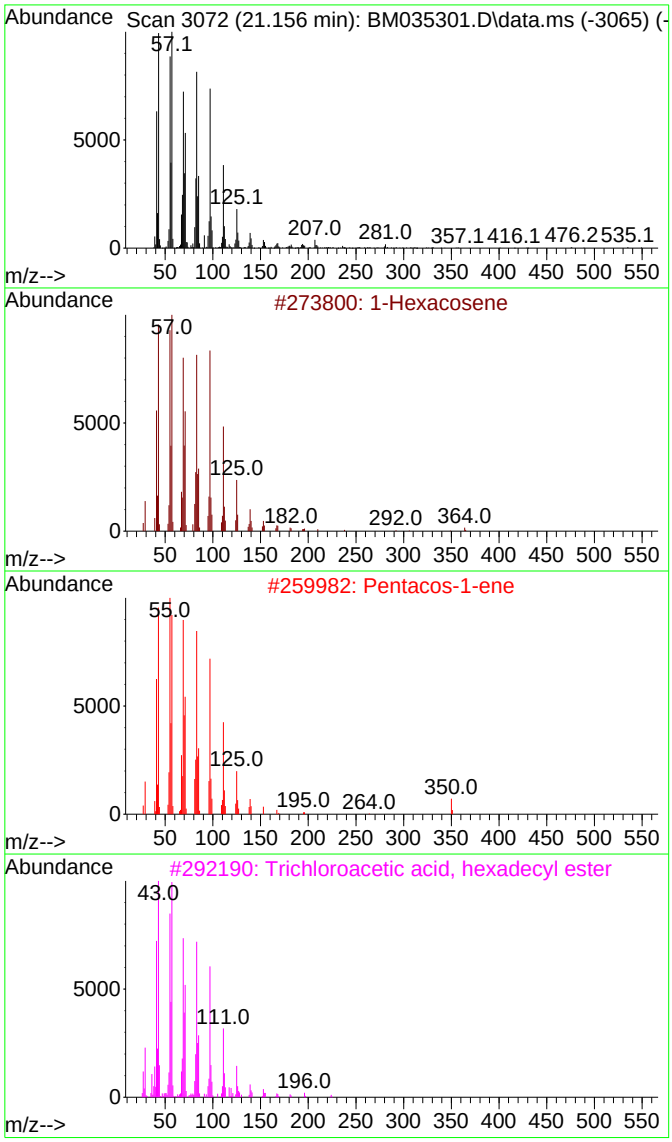
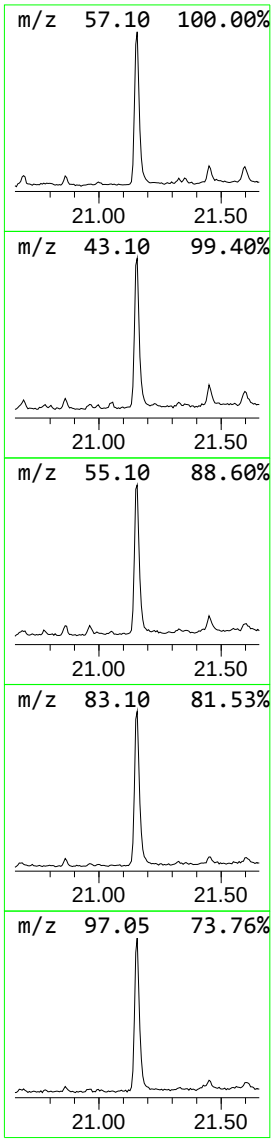
Peak Number 14 1-Hexacosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.156	12.40 ng	1218960	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	95
2	Pentacos-1-ene	350	C25H50	016980-85-1	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94





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Acq On : 27 May 2022 22:30
Operator : CG/JU
Sample : N2930-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P002-SS004-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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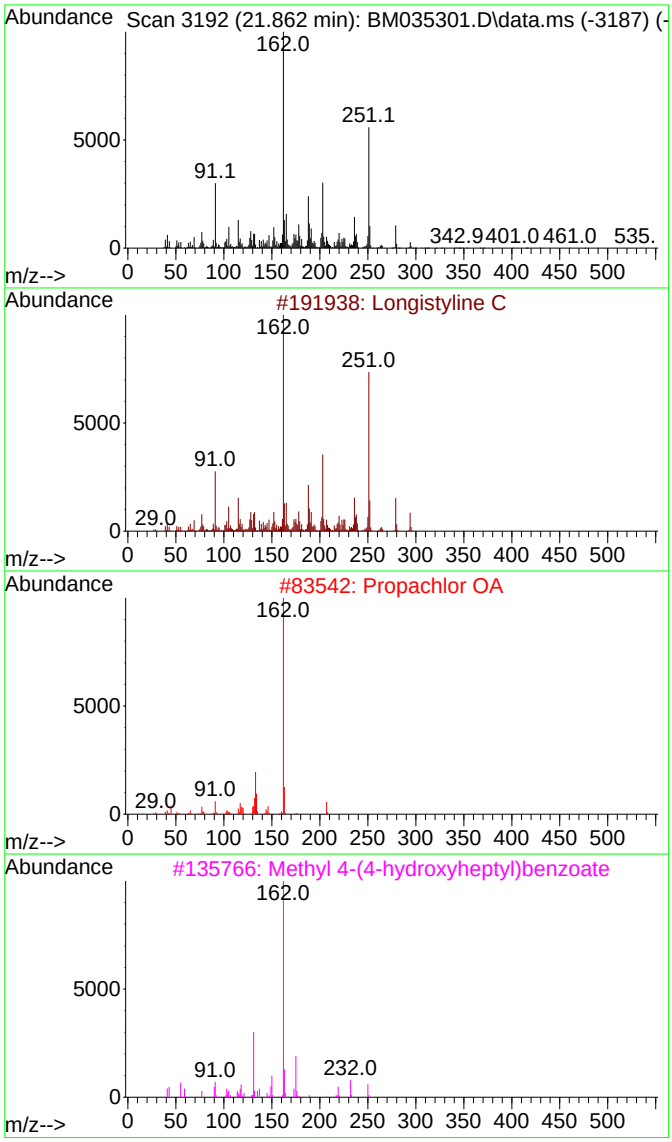
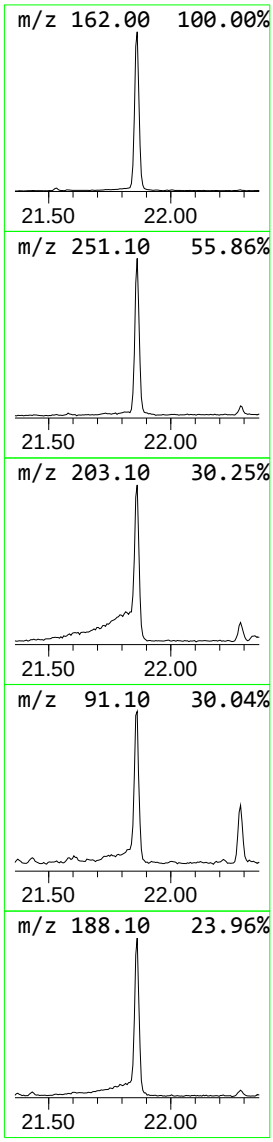
Peak Number 15 unknown21.862 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.862	16.49 ng	1620270	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Longistyline C	294	C20H22O2	064125-60-6	97
2	Propachlor OA	207	C11H13NO3	070628-36-3	30
3	Methyl 4-(4-hydroxyheptyl)benzoate	250	C15H22O3	056306-76-4	30
4	(1R,3aS,5aS,8aR)-1,3a,4,5a-Tetra...	204	C15H24	065372-78-3	27
5	2H-1,5-Benzodioxepin, 3,4-dihydr...	162	C10H10O2	019560-64-6	27





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Acq On : 27 May 2022 22:30
Operator : CG/JU
Sample : N2930-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P002-SS004-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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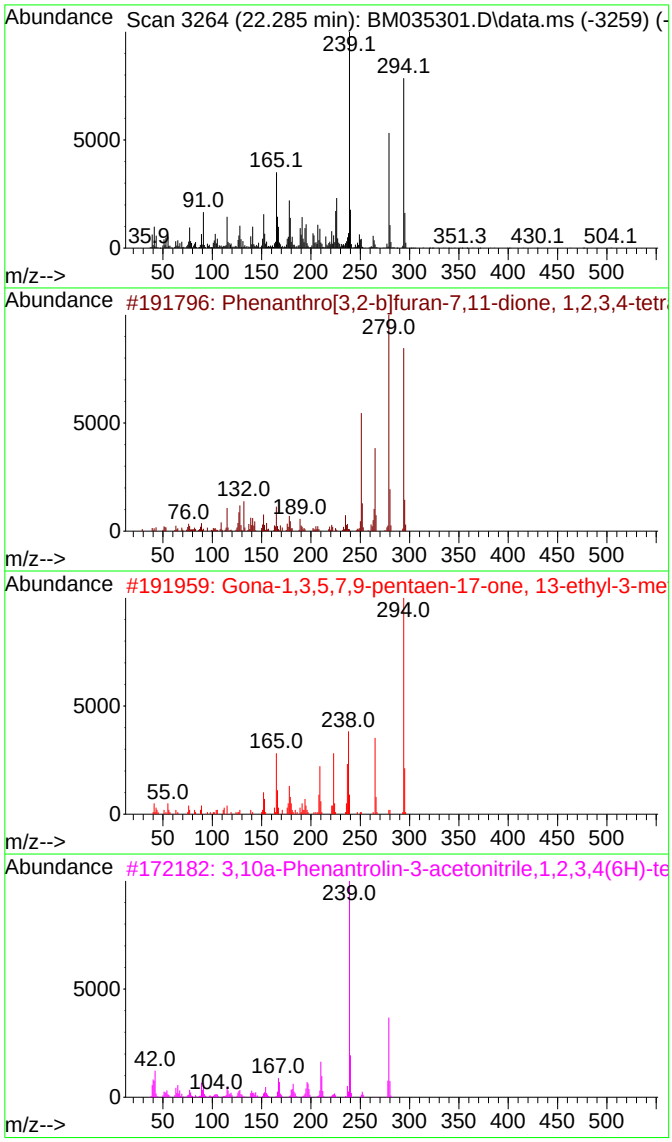
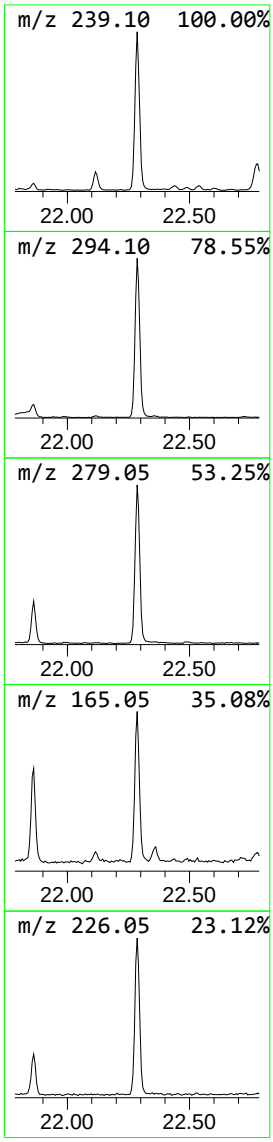
Peak Number 16 unknown22.285 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.285	15.78 ng	1550350	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthro[3,2-b]furan-7,11-dion...	294	C19H18O3	020958-15-0	46
2	Gona-1,3,5,7,9-pentaen-17-one, 1...	294	C20H22O2	029017-48-9	42
3	3,10a-Phenantrolin-3-acetonitril...	279	C17H17N3O	332409-57-1	35
4	1-(N,N-Dimethylhydrazonomethyl)-...	294	C17H14N2O3	092011-73-9	35
5	2,1-benzisoxazole-5-carboxylic a...	239	C14H9NO3	1000401-17-5	30





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Operator : CG/JU
Sample : N2930-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P002-SS004-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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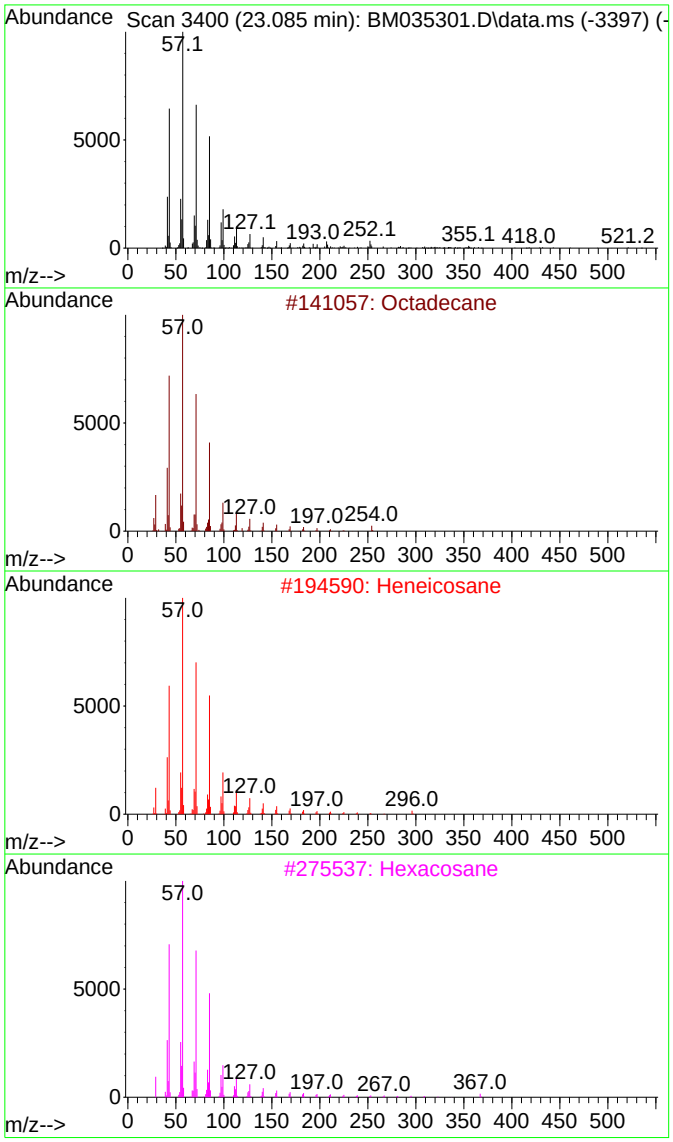
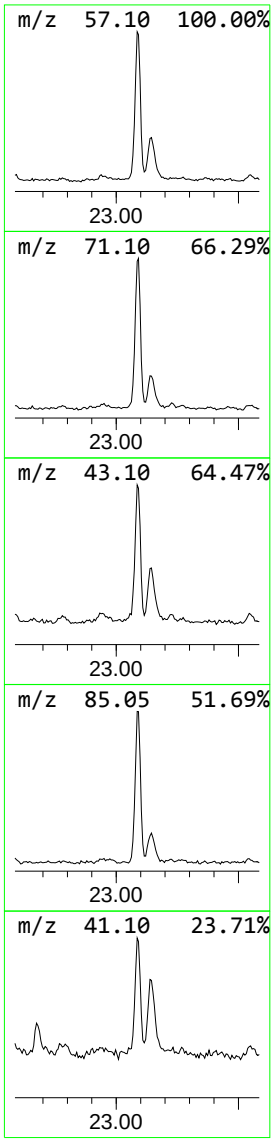
Peak Number 17 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.086	4.46 ng	408236	Perylene-d12	23.803

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Octacosane, 1-iodo-	520	C28H57I	1000406-32-2	87





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Sample : N2930-04
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ALS Vial : 20 Sample Multiplier: 1

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BNA_M
ClientSampleId :
P002-SS004-0006-01

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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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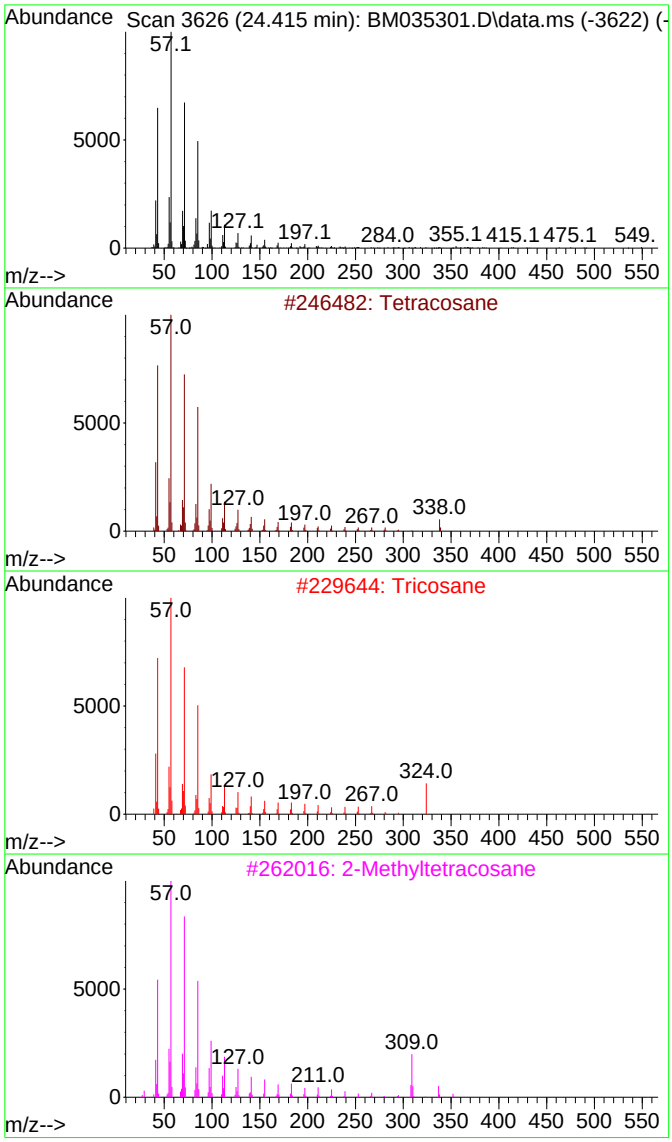
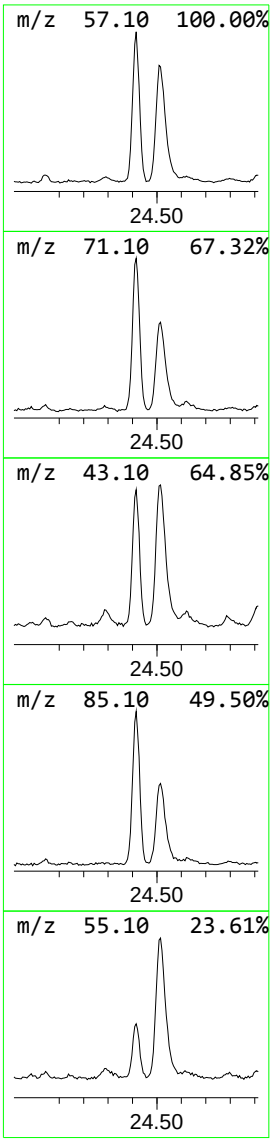
Peak Number 18 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.415	7.35 ng	672099	Perylene-d12	23.803

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Tricosane	324	C23H48	000638-67-5	95
3	2-Methyltetracosane	352	C25H52	001560-78-7	93
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	91





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Sample : N2930-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P002-SS004-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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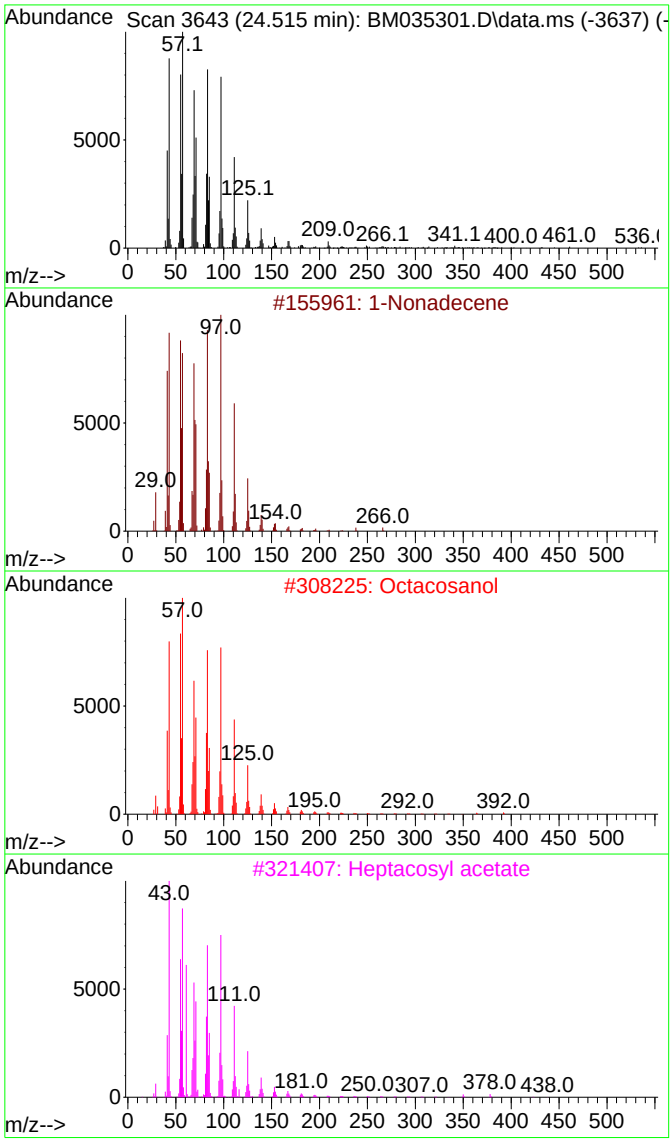
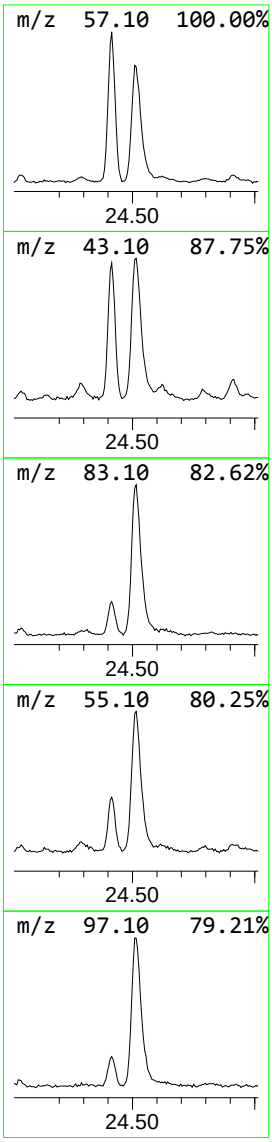
Peak Number 19 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.515	15.36 ng	1405420	Perylene-d12	23.803

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	95
2	Octacosanol	410	C28H58O	000557-61-9	95
3	Heptacosyl acetate	438	C29H58O2	1000351-78-2	95
4	1-Heptacosanol	396	C27H56O	002004-39-9	95
5	1-Hexacosene	364	C26H52	018835-33-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052722\
Data File : BM035301.D
Acq On : 27 May 2022 22:30
Operator : CG/JU
Sample : N2930-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P002-SS004-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

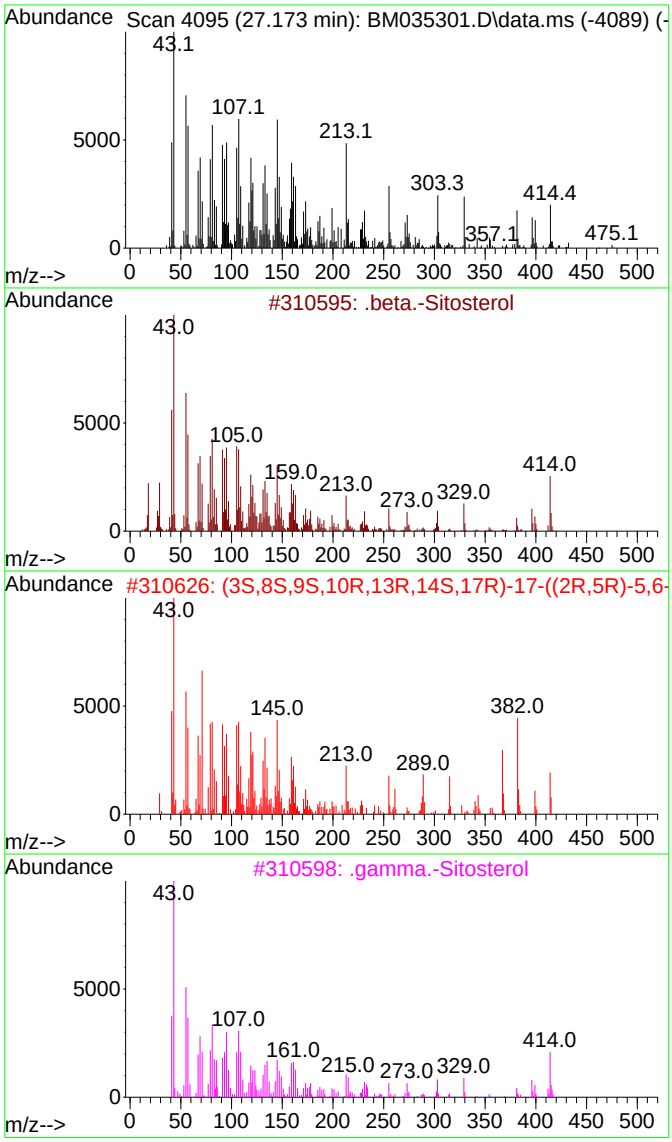
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

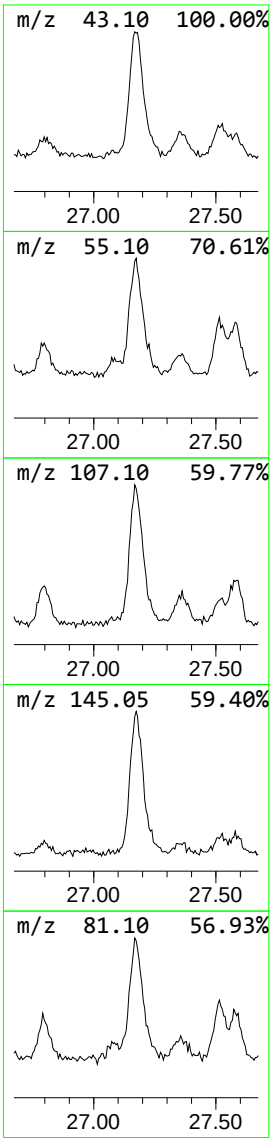
****

Peak Number 20 .beta.-Sitosterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.173	18.42 ng	1685640	Perylene-d12	23.803

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	95
2	(3S,8S,9S,10R,13R,14S,17R)-17-((...	414	C29H50O	029365-29-5	91
3	.gamma.-Sitosterol	414	C29H50O	000083-47-6	58
4	17-[5-Hydroxy-6-(2-hydroxypropan...	556	C34H52O6	1010495-01-1	32
5	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052722\
Data File : BM035301.D
Acq On : 27 May 2022 22:30
Operator : CG/JU
Sample : N2930-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P002-SS004-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.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
.alpha.-Guaiene	13.933	2.3	ng	156066	3	14.509	1339040	20.0
Naphthalene, de...	14.580	4.0	ng	268133	3	14.509	1339040	20.0
unknown14.633	14.633	2.6	ng	177073	3	14.509	1339040	20.0
Neophytadiene	17.309	2.4	ng	178985	4	17.256	1487550	20.0
n-Hexadecanoic ...	18.162	13.3	ng	986207	4	17.256	1487550	20.0
2-Methyl-Z-4-te...	18.456	2.0	ng	149353	4	17.256	1487550	20.0
8-Octadecenoic ...	19.103	2.4	ng	178369	4	17.256	1487550	20.0
Octadecanoic acid	19.433	4.7	ng	459108	5	21.433	1965310	20.0
Acridin-9-amine...	20.421	6.5	ng	641049	5	21.433	1965310	20.0
Longistyline C	20.780	4.1	ng	400016	5	21.433	1965310	20.0
trans-1,2-Bis(m...	20.862	2.9	ng	280613	5	21.433	1965310	20.0
2-Propen-1-one,...	20.962	12.8	ng	1254640	5	21.433	1965310	20.0
unknown21.050	21.050	2.6	ng	257310	5	21.433	1965310	20.0
1-Hexacosene	21.156	12.4	ng	1218960	5	21.433	1965310	20.0
unknown21.862	21.862	16.5	ng	1620270	5	21.433	1965310	20.0
unknown22.285	22.285	15.8	ng	1550350	5	21.433	1965310	20.0
Octadecane	23.086	4.5	ng	408236	6	23.803	1829900	20.0
Tetracosane	24.415	7.3	ng	672099	6	23.803	1829900	20.0
1-Nonadecene	24.515	15.4	ng	1405420	6	23.803	1829900	20.0
.beta.-Sitosterol	27.173	18.4	ng	1685640	6	23.803	1829900	20.0