LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
Data File : BG057655.D
Acq On : 7 Jun 2023 3:53
Operator : CG/JU
Sample : 03008-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-18-0A

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_G\Methods\8270-BG052723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057655.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.859	388	395	407	rBV	262884	446170	35.15%	6.939%
2	7.486	665	672	686	rBV	283964	521276	41.07%	8.107%
3	8.338	809	817	826	rBV	72999	120952	9.53%	1.881%
4	9.519	1011	1018	1031	rBV	172771	313445	24.70%	4.875%
5	11.175	1293	1300	1311	rBV	106359	192431	15.16%	2.993%
6	13.578	1702	1709	1719	rBV	506594	776494	61.18%	12.077%
7	14.953	1936	1943	1951	rBV	202146	313193	24.68%	4.871%
8	16.292	2166	2171	2181	rVB	37374	51950	4.09%	0.808%
9	16.439	2189	2196	2211	rBV	417687	666013	52.48%	10.358%
10	17.696	2403	2410	2417	rBV	271008	421999	33.25%	6.563%
11	18.536	2548	2553	2558	rBV3	10036	17171	1.35%	0.267%
12	20.263	2841	2847	2852	rBV	1001807	1269179	100.00%	19.739%
13	21.555	3062	3067	3080	rBV5	41086	138828	10.94%	2.159%
14	21.996	3136	3142	3154	rVB2	249858	441767	34.81%	6.871%
15	22.578	3238	3241	3246	rVB2	10893	16912	1.33%	0.263%
16	22.824	3277	3283	3285	rBV6	15182	29748	2.34%	0.463%
17	23.083	3322	3327	3335	rVB2	25598	49896	3.93%	0.776%
18	23.506	3393	3399	3403	rBV6	15867	30007	2.36%	0.467%
19	23.711	3429	3434	3442	rVB2	22574	44565	3.51%	0.693%
20	24.363	3539	3545	3555	rVB2	36288	78264	6.17%	1.217%
21	25.491	3725	3737	3745	rBV2	143177	443719	34.96%	6.901%
22	26.584	3919	3923	3934	rVB6	17192	45794	3.61%	0.712%

Sum of corrected areas: 6429773

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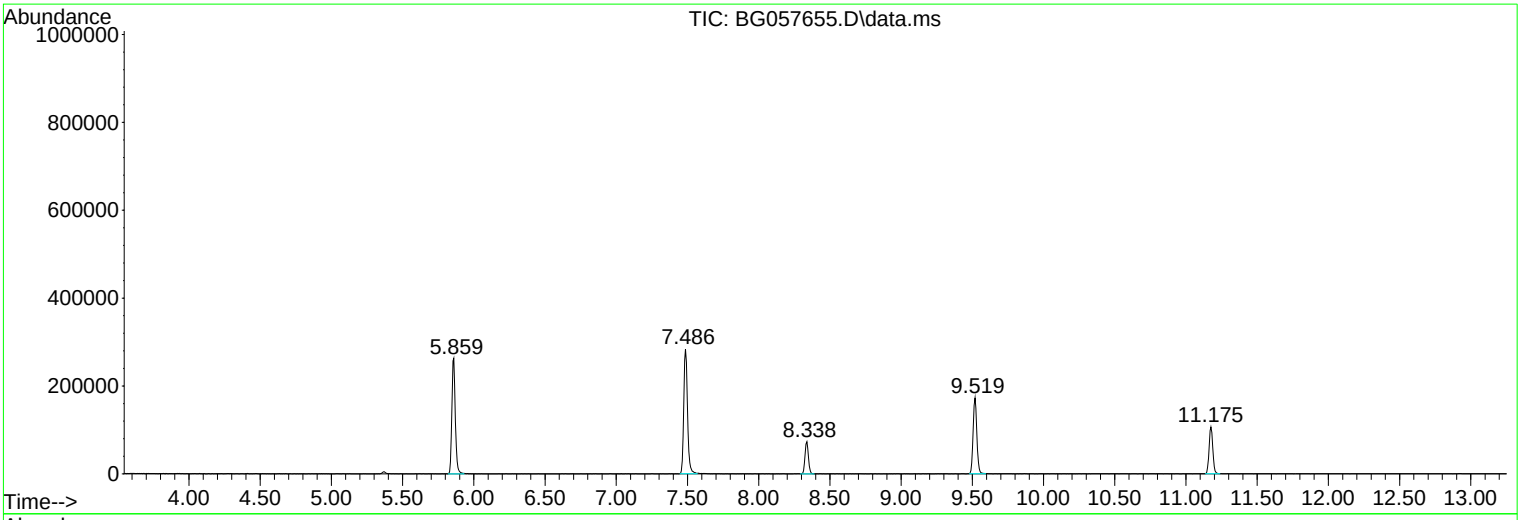
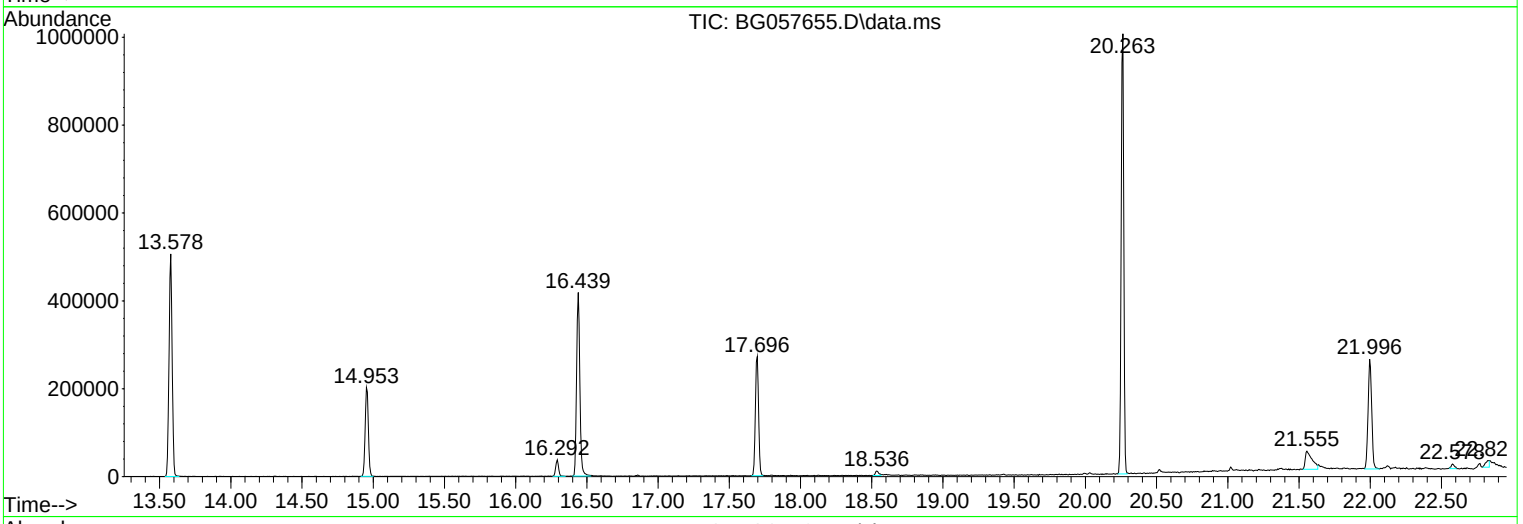
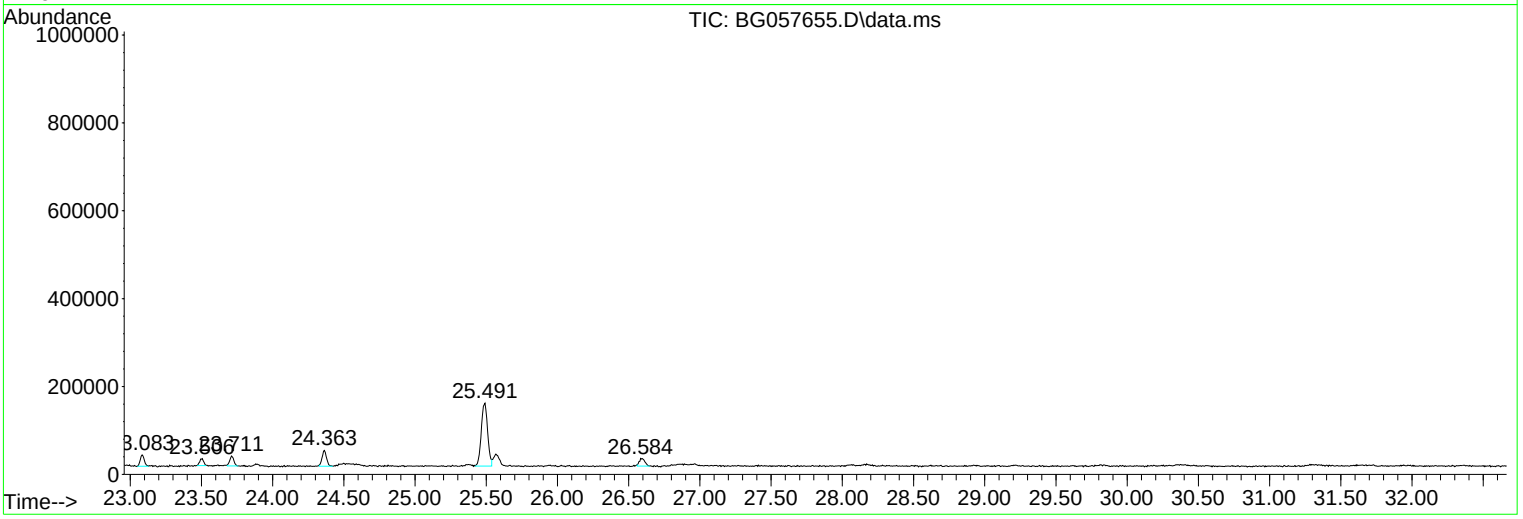
Instrument :
BNA_G
ClientSampleId :
TP-18-0A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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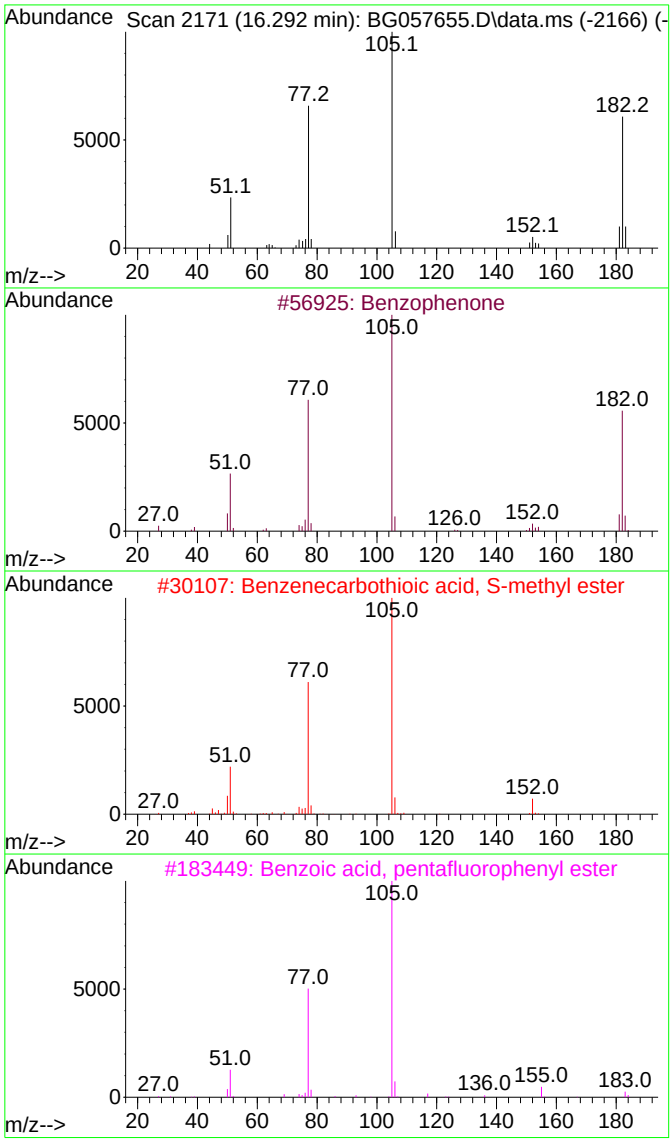
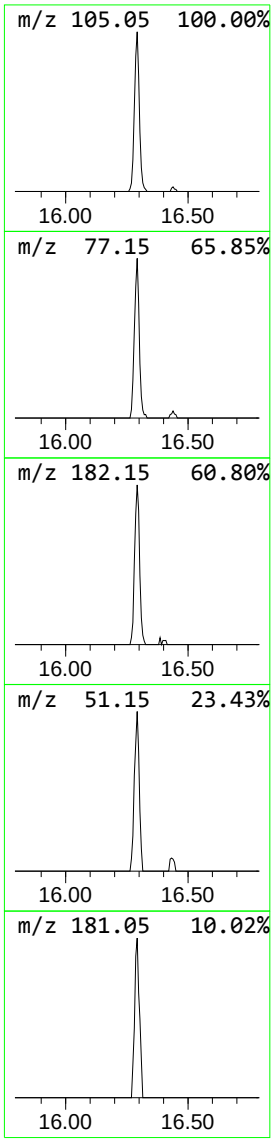
Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.292	3.32 ng	51950	Acenaphthene-d10	14.953

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
3	Benzoic acid, pentafluorophenyl ...	288	C13H5F5O2	1000360-67-9	47
4	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	43
5	Vinyl benzoate	148	C9H8O2	000769-78-8	43





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Sample : 03008-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-18-0A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.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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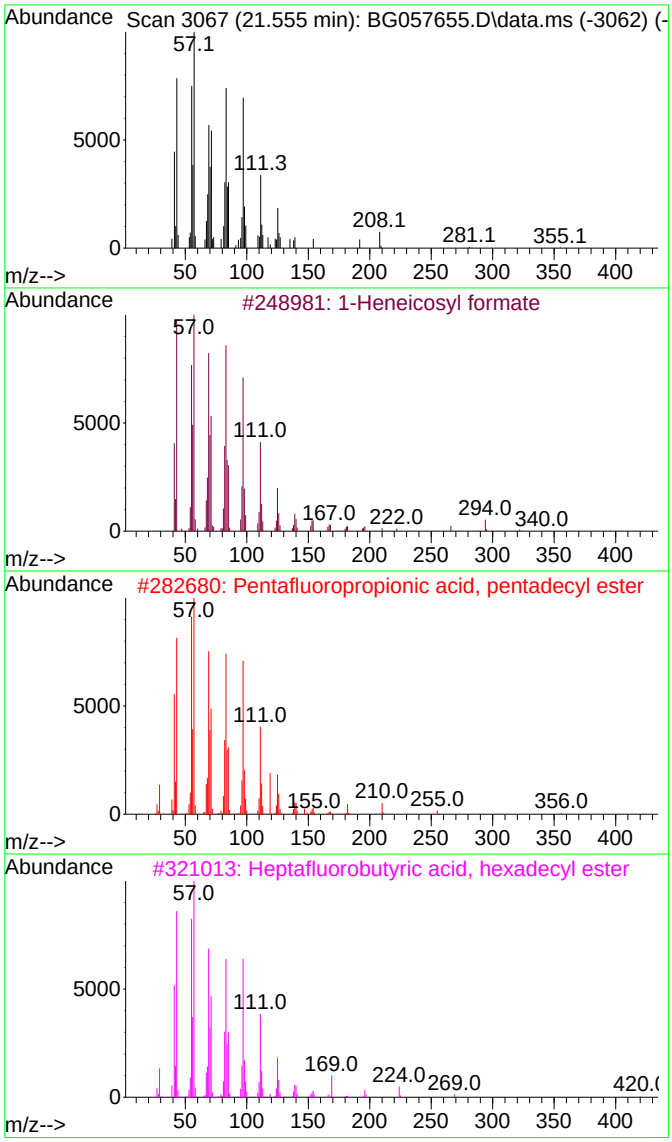
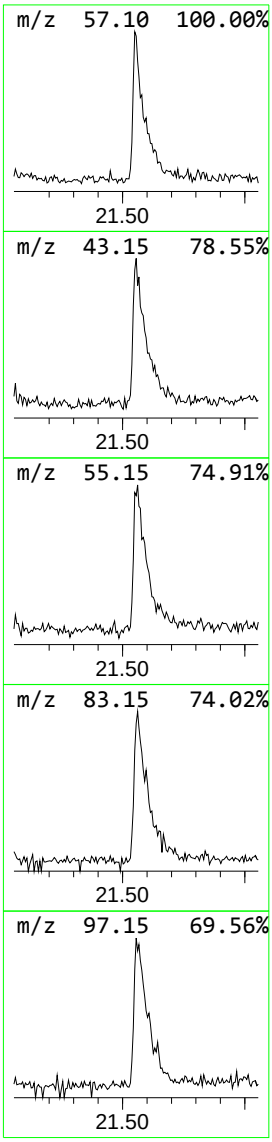
Peak Number 2 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.555	6.29 ng	138828	Chrysene-d12	21.996

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	95
3	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	95
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94





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Operator : CG/JU
Sample : 03008-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-18-0A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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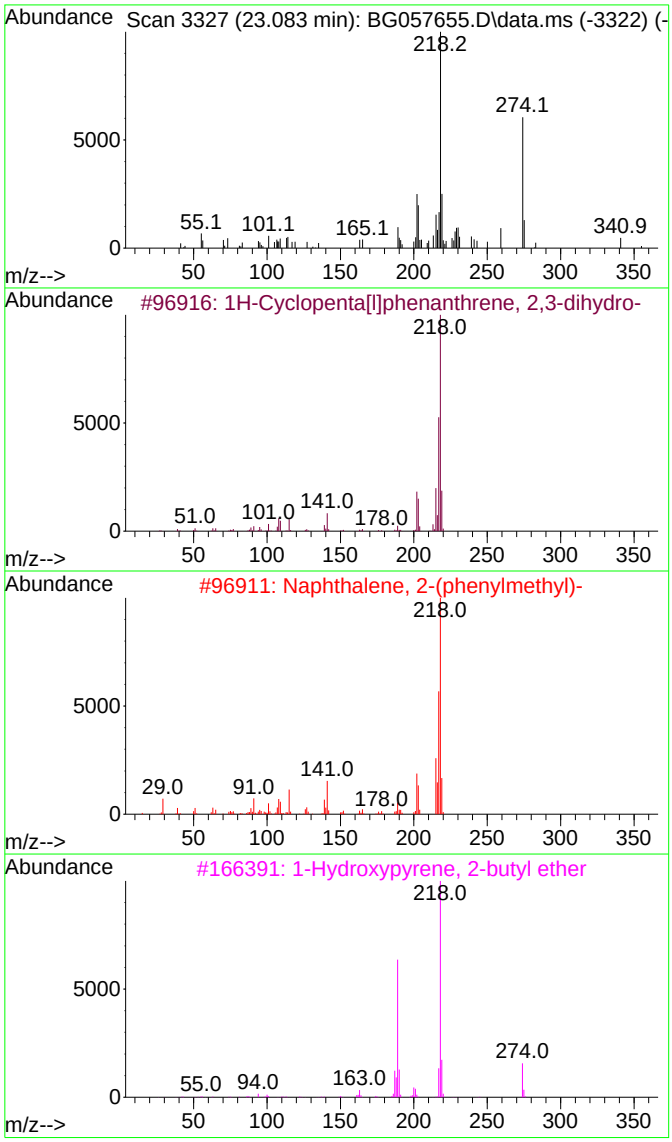
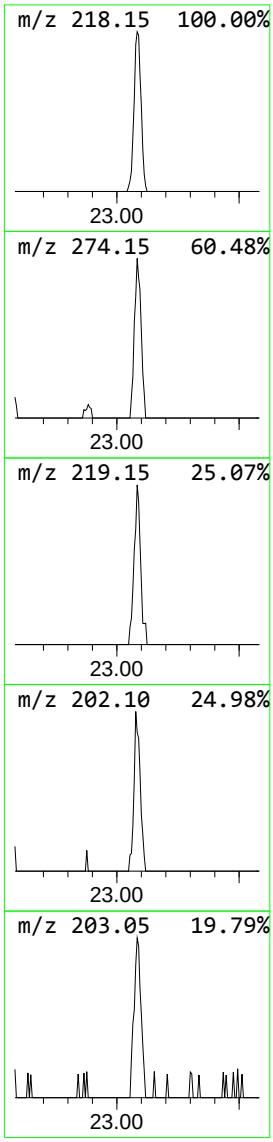
Peak Number 3 1H-Cyclopenta[l]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.083	2.26 ng	49896	Chrysene-d12	21.996

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopenta[l]phenanthrene, 2,...	218	C17H14	000723-98-8	53
2	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	49
3	1-Hydroxypyrene, 2-butyl ether	274	C20H18O	1000453-43-3	47
4	2-(4-Butoxybenzyl)-4,6-pyrimidin...	274	C15H18N2O3	1000327-09-9	47
5	1H-Pyrazole-5-carboxylic acid, 3...	274	C15H18N2O3	1000319-72-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
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Sample : 03008-01
Misc :
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Instrument :
BNA_G
ClientSampleId :
TP-18-0A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
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TIC Library : C:\Database\NIST20.L
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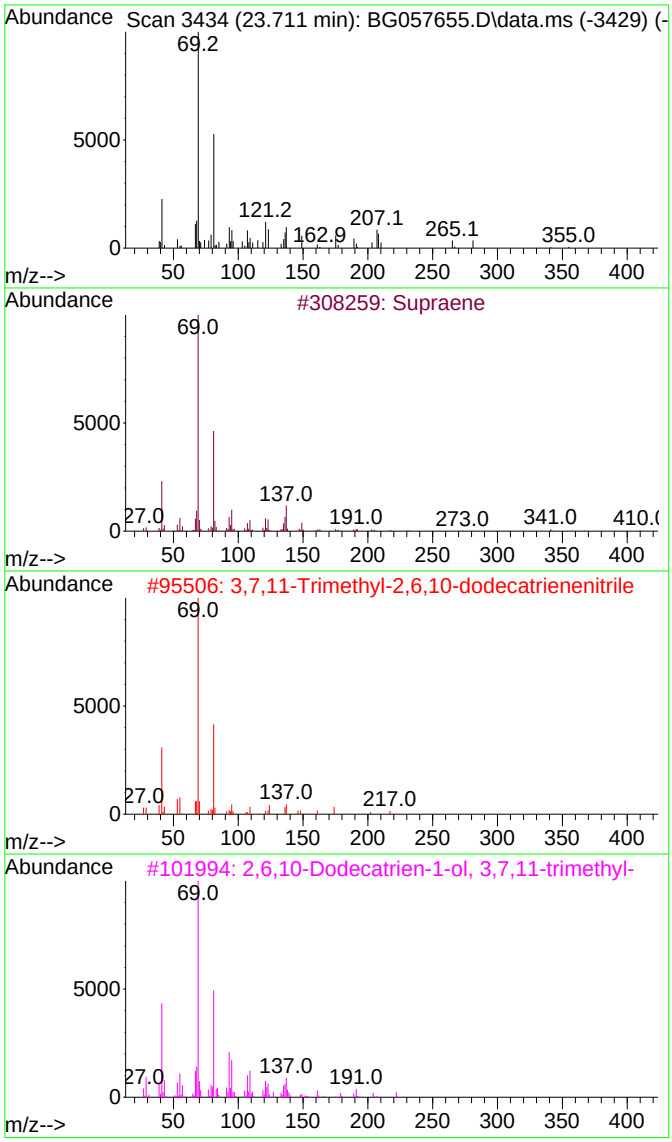
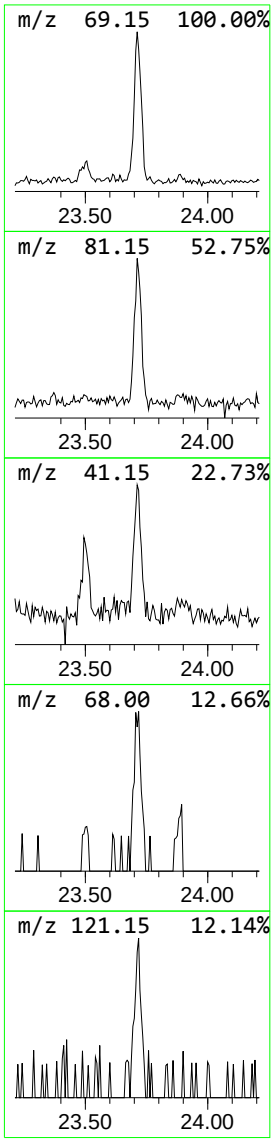
Peak Number 4 Supraene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.711	2.02 ng	44565	Chrysene-d12	21.996

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	58
2	3,7,11-Trimethyl-2,6,10-dodecatr...	217	C15H23N	029789-67-1	53
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	53
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	50
5	trans-Farnesol	222	C15H26O	000106-28-5	50





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Instrument :
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ClientSampleId :
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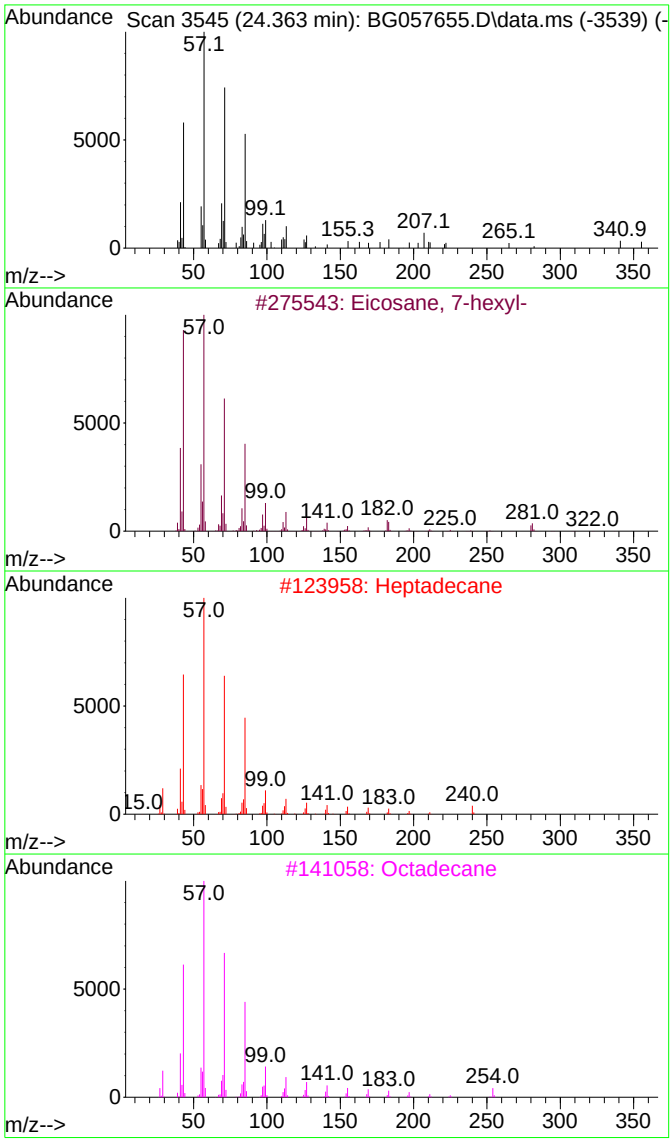
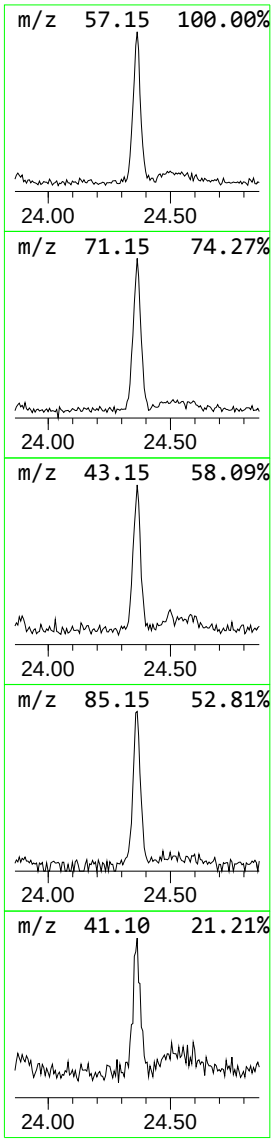
Peak Number 5 Eicosane, 7-hexyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.363	3.53 ng	78264	Perylene-d12	25.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
2	Heptadecane	240	C17H36	000629-78-7	87
3	Octadecane	254	C18H38	000593-45-3	86
4	Docosane	310	C22H46	000629-97-0	86
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86





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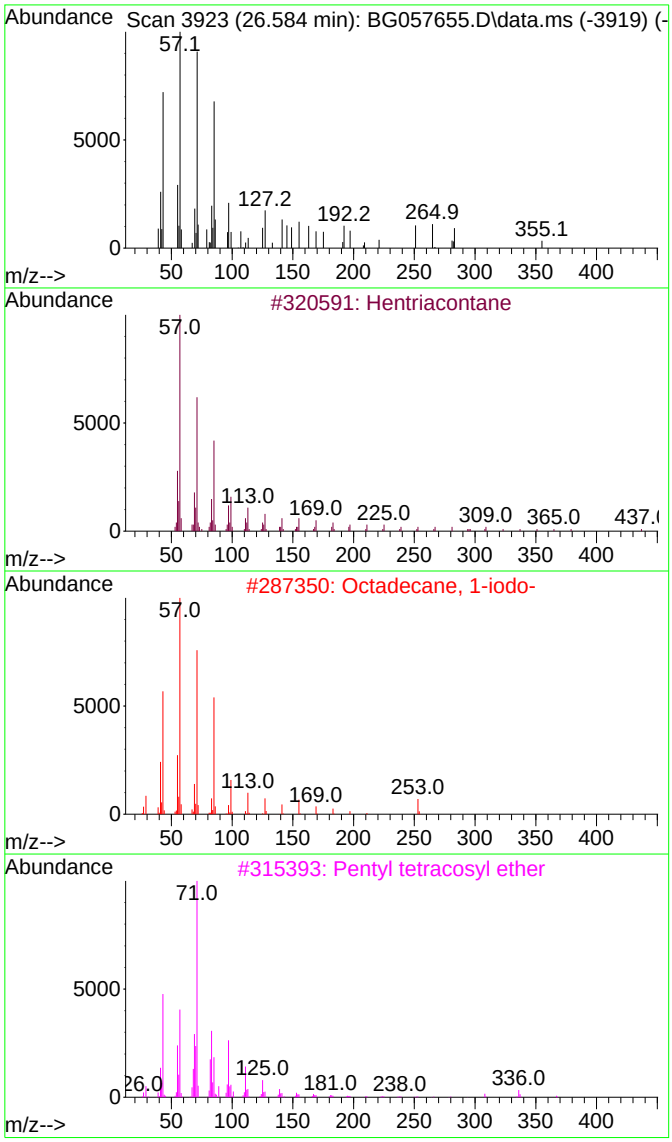
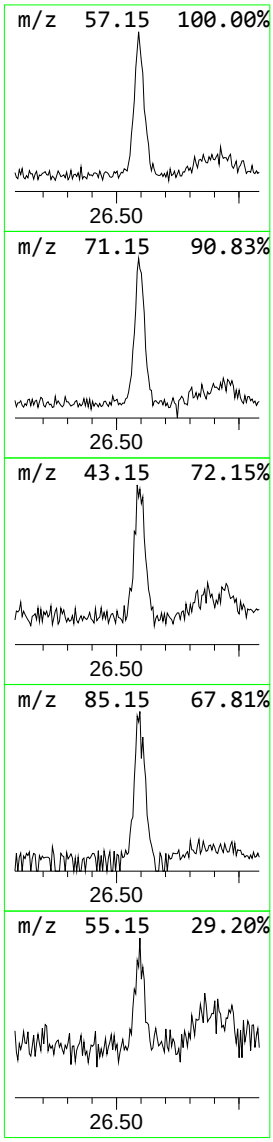
Peak Number 6 Hentriacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.584	2.06 ng	45794	Perylene-d12	25.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	59
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	50
3	Pentyl tetracosyl ether	424	C29H60O	1000406-42-2	38
4	Hexacosyl pentyl ether	452	C31H64O	1000406-42-3	38
5	Pentyl triacontyl ether	509	C35H72O	1000406-42-5	38





Tentatively Identified Compound (LSC) summary

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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
Benzophenone	16.292	3.3	ng	51950	3	14.953	313193	20.0
1-Heneicosyl fo...	21.555	6.3	ng	138828	5	21.996	441767	20.0
1H-Cyclopenta[l...	23.083	2.3	ng	49896	5	21.996	441767	20.0
Supraene	23.711	2.0	ng	44565	5	21.996	441767	20.0
Eicosane, 7-hexyl-	24.363	3.5	ng	78264	6	25.491	443719	20.0
Hentriacontane	26.584	2.1	ng	45794	6	25.491	443719	20.0