LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045065.D
Acq On : 18 Apr 2020 13:44
Operator : CG/JU
Sample : L2271-12
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BG-9

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-BG041520.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	3.125	3	6	14	rVB2	64226	125327	1.94%	0.415%
2	3.201	15	19	25	rVB	56025	88740	1.37%	0.294%
3	5.592	416	426	438	rBV	1113556	1843705	28.50%	6.109%
4	7.184	687	697	713	rBV	1237742	2184302	33.77%	7.237%
5	8.024	832	840	848	rVB	209127	367386	5.68%	1.217%
6	8.347	886	895	903	rBV	983401	1744548	26.97%	5.780%
7	9.181	1026	1037	1045	rBV	810565	1492252	23.07%	4.944%
8	10.832	1309	1318	1327	rBV	296789	555440	8.59%	1.840%
9	13.282	1727	1735	1748	rVB	2431934	3934043	60.82%	13.034%
10	14.104	1869	1875	1882	rBV	331442	486951	7.53%	1.613%
11	14.656	1961	1969	1977	rBV2	543883	862615	13.34%	2.858%
12	16.142	2216	2222	2234	rVB	2290604	3596197	55.60%	11.915%
13	17.399	2427	2436	2448	rVB	741541	1155387	17.86%	3.828%
14	19.479	2786	2790	2793	rBV	66499	78683	1.22%	0.261%
15	20.014	2874	2881	2889	rBV	4713559	6468033	100.00%	21.430%
16	20.166	2902	2907	2910	rBV	97692	123640	1.91%	0.410%
17	20.231	2913	2918	2925	rVB	131412	180585	2.79%	0.598%
18	20.548	2968	2972	2976	rBV5	58978	73639	1.14%	0.244%
19	20.683	2991	2995	2999	rVV	248831	296300	4.58%	0.982%
20	20.760	3002	3008	3013	rVB	334658	492612	7.62%	1.632%
21	21.318	3098	3103	3110	rBV	213602	360651	5.58%	1.195%
22	21.664	3155	3162	3170	rBV	760639	1227838	18.98%	4.068%
23	22.081	3229	3233	3239	rBV	116049	185318	2.87%	0.614%
24	22.498	3298	3304	3313	rVB3	150243	303785	4.70%	1.006%
25	23.403	3452	3458	3466	rVB3	39641	102880	1.59%	0.341%
26	23.973	3551	3555	3561	rBV6	42925	89781	1.39%	0.297%
27	24.854	3695	3705	3714	rBV2	440879	1277887	19.76%	4.234%
28	26.058	3903	3910	3916	rVB10	27056	69891	1.08%	0.232%
29	26.164	3923	3928	3937	rVB10	38589	102591	1.59%	0.340%
30	29.043	4409	4418	4432	rVB10	76371	311385	4.81%	1.032%

Sum of corrected areas: 30182392

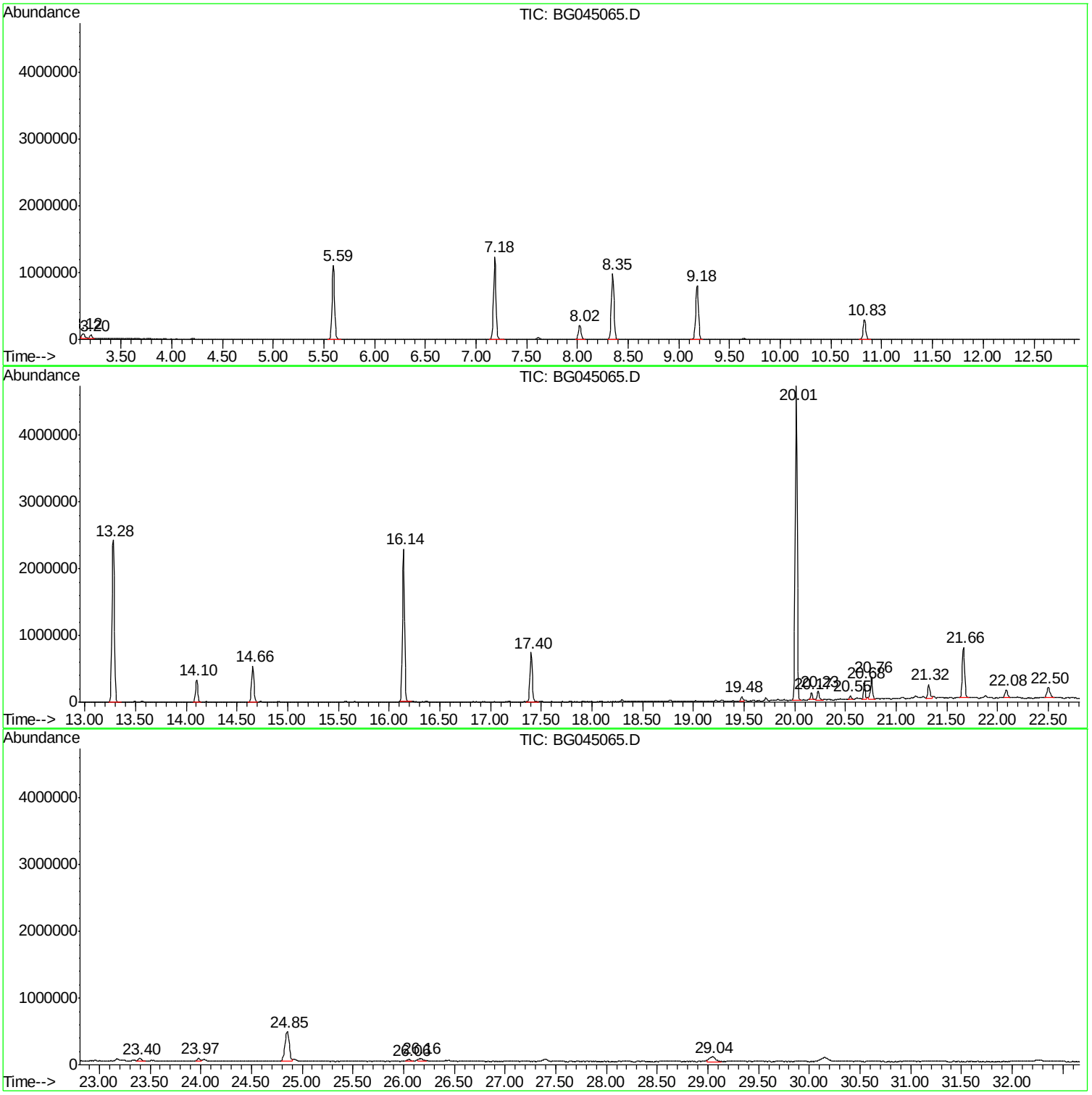
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045065.D
Acq On : 18 Apr 2020 13:44
Operator : CG/JU
Sample : L2271-12
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BG-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045065.D
Acq On : 18 Apr 2020 13:44
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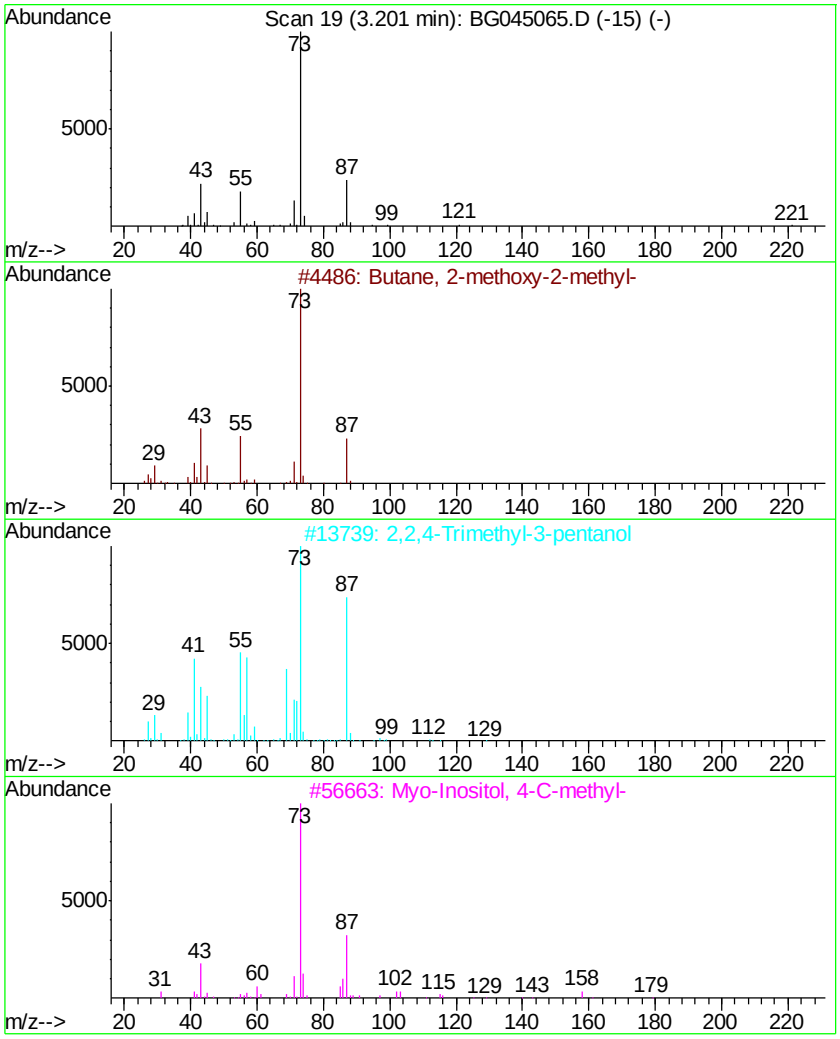
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

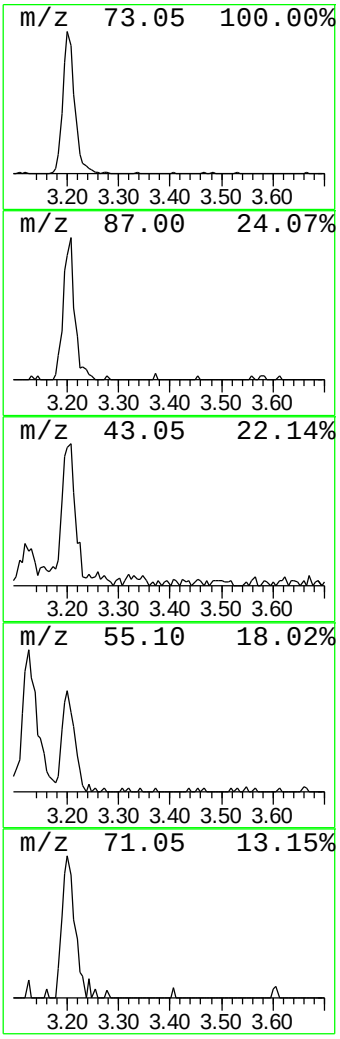
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	4.83 ng	88740	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	50
3	Myo-Inositol, 4-C-methyl-	194	C7H14O6	000472-95-7	38
4	Myo-Inositol, 2-C-methyl-	194	C7H14O6	000472-96-8	38
5	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9





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Data File : BG045065.D
Acq On : 18 Apr 2020 13:44
Operator : CG/JU
Sample : L2271-12
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BG-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

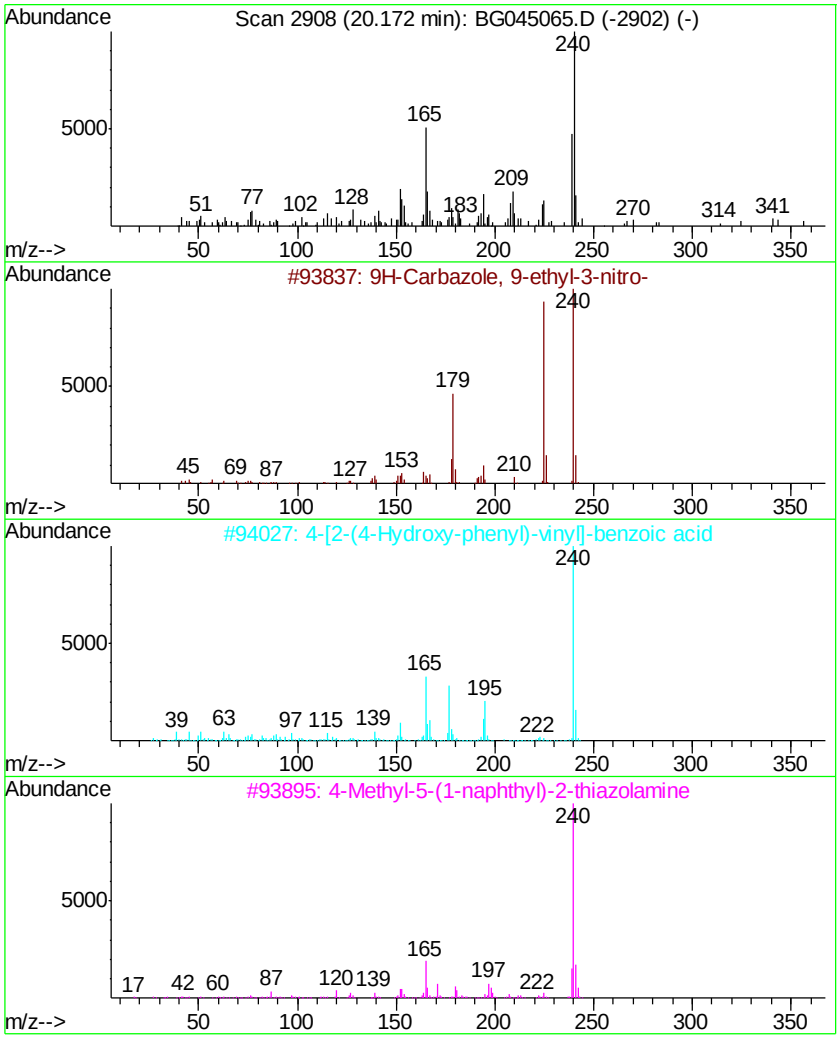
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

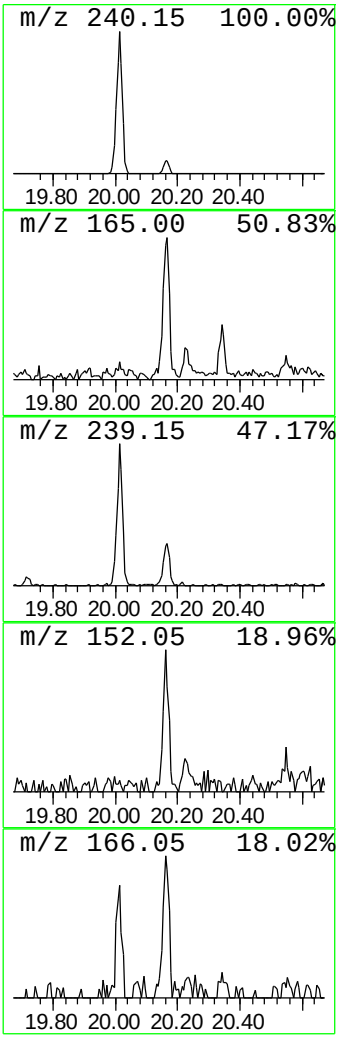
****

Peak Number 4 9H-Carbazole, 9-ethyl-3-nitro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	2.01 ng	123640	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-ethyl-3-nitro-	240	C14H12N2O2	000086-20-4	55
2	4-[2-(4-Hydroxy-phenyl)-vinyl]-b...	240	C15H12O3	152027-61-7	52
3	4-Methyl-5-(1-naphthyl)-2-thiazo...	240	C14H12N2S	092149-93-4	50
4	Benzene, 1,3-dimethoxy-5-[(1E)-2...	240	C16H16O2	021956-56-9	49
5	5-Methyl-4-(1-naphthyl)-2-thiazo...	240	C14H12N2S	107411-05-2	49





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Data File : BG045065.D
Acq On : 18 Apr 2020 13:44
Operator : CG/JU
Sample : L2271-12
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BG-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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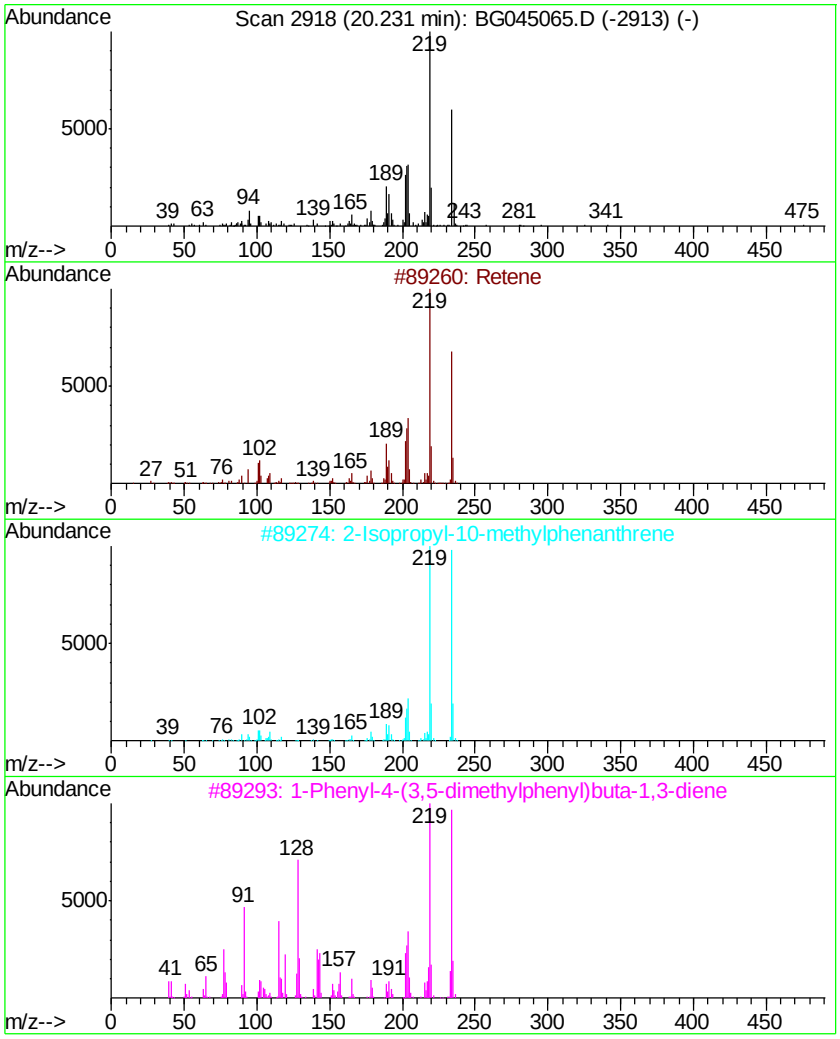
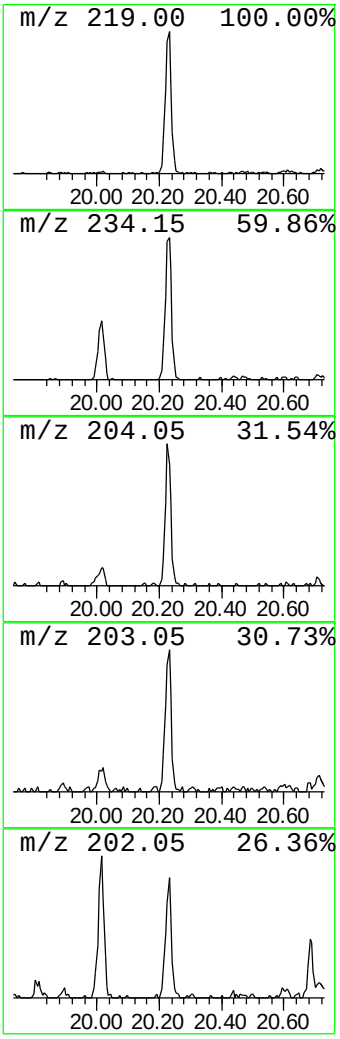
Peak Number 5 Retene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.23	2.94 ng	180585	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	93
3	1-Phenyl-4-(3,5-dimethylphenyl)b...	234	C18H18	1000202-15-0	83
4	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	49
5	1-Ethanone, 1-(4-amino-7-chloro-...	234	C12H11ClN2O	1000350-06-0	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045065.D
Acq On : 18 Apr 2020 13:44
Operator : CG/JU
Sample : L2271-12
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BG-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

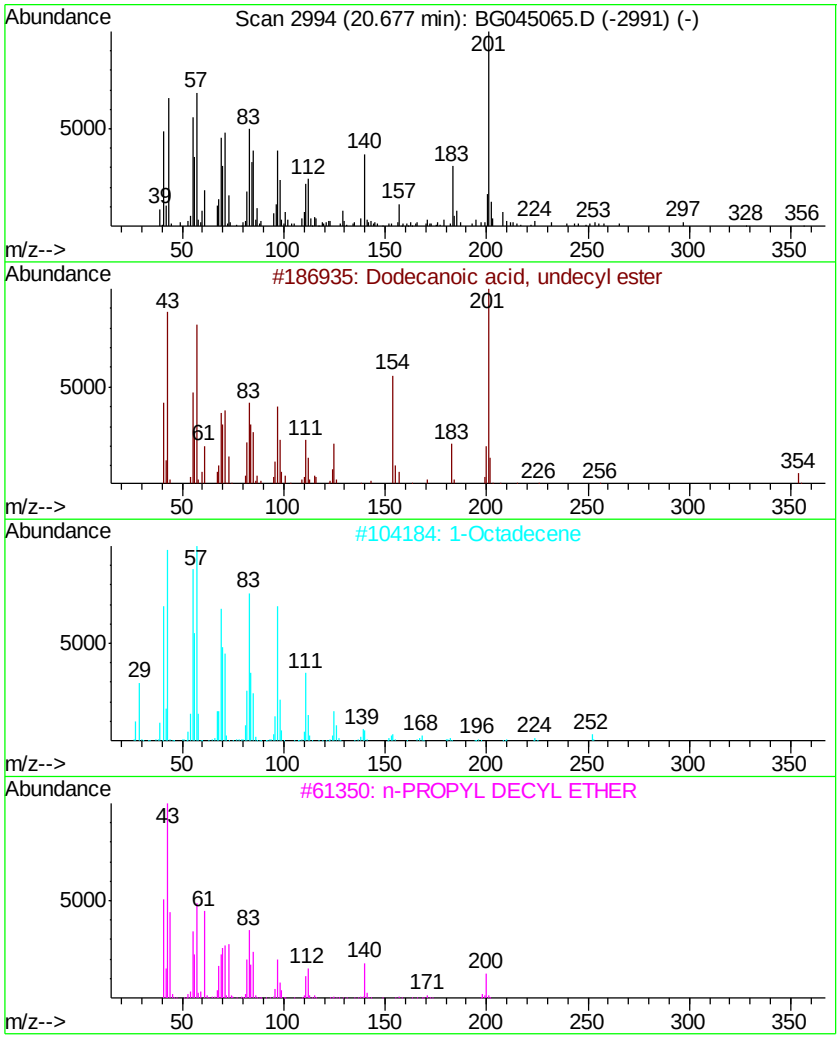
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

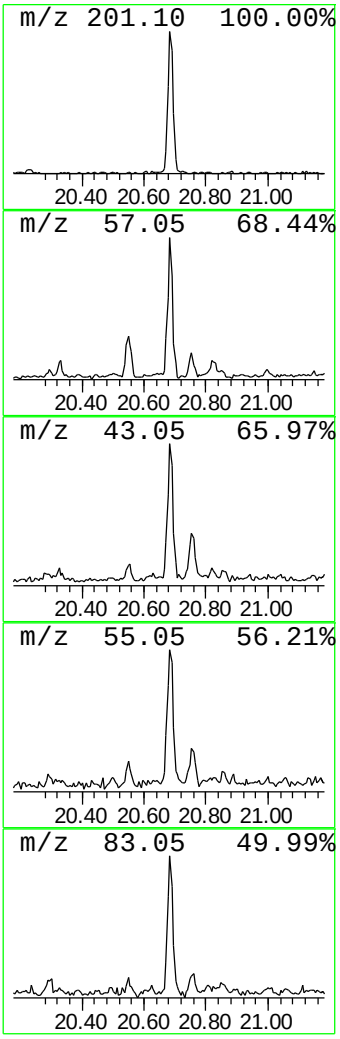
****

Peak Number 6 Dodecanoic acid, undecyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.68	4.83 ng	296300	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid, undecyl ester	354	C23H46O2	003658-44-4	87
2	1-Octadecene	252	C18H36	000112-88-9	46
3	n-PROPYL DECYL ETHER	200	C13H28O	1000130-70-3	43
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	38
5	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045065.D
Acq On : 18 Apr 2020 13:44
Operator : CG/JU
Sample : L2271-12
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BG-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

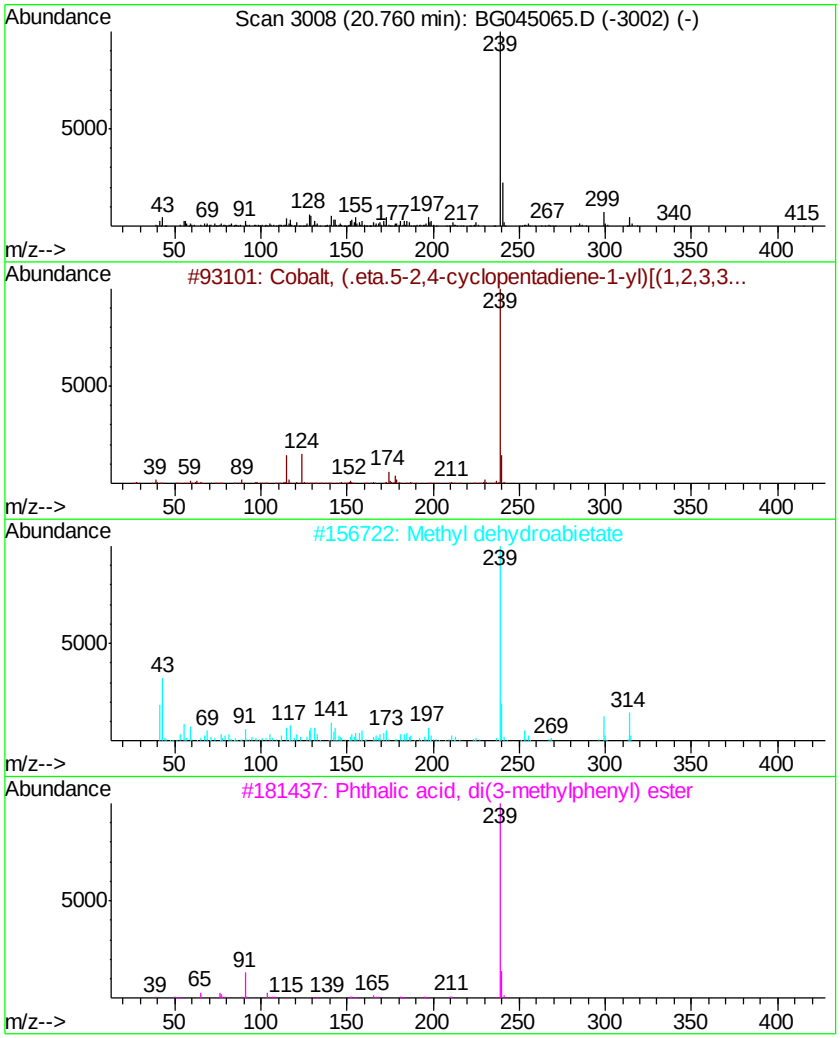
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

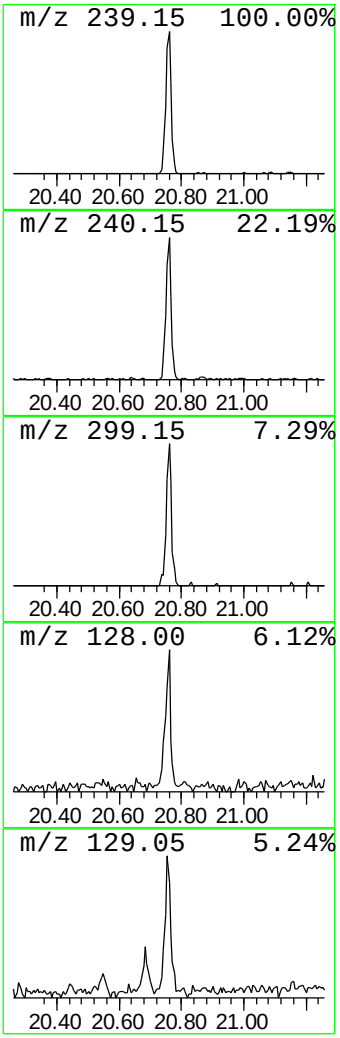
****

Peak Number 7 Cobalt, (.eta.5-2,4-cyclope... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	8.02 ng	492612	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cobalt, (.eta.5-2,4-cyclopentadi...	239	C14H12Co	088242-61-9	59
2	Methyl dehydroabietate	314	C21H30O2	001235-74-1	55
3	Phthalic acid, di(3-methylphenyl...	346	C22H18O4	1000315-37-3	53
4	trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	49
5	4-(4-Oxo-1,2,3,4,6,7,12,12b-octa...	326	C19H22N2O3	1000137-91-1	45





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Sample : L2271-12
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BG-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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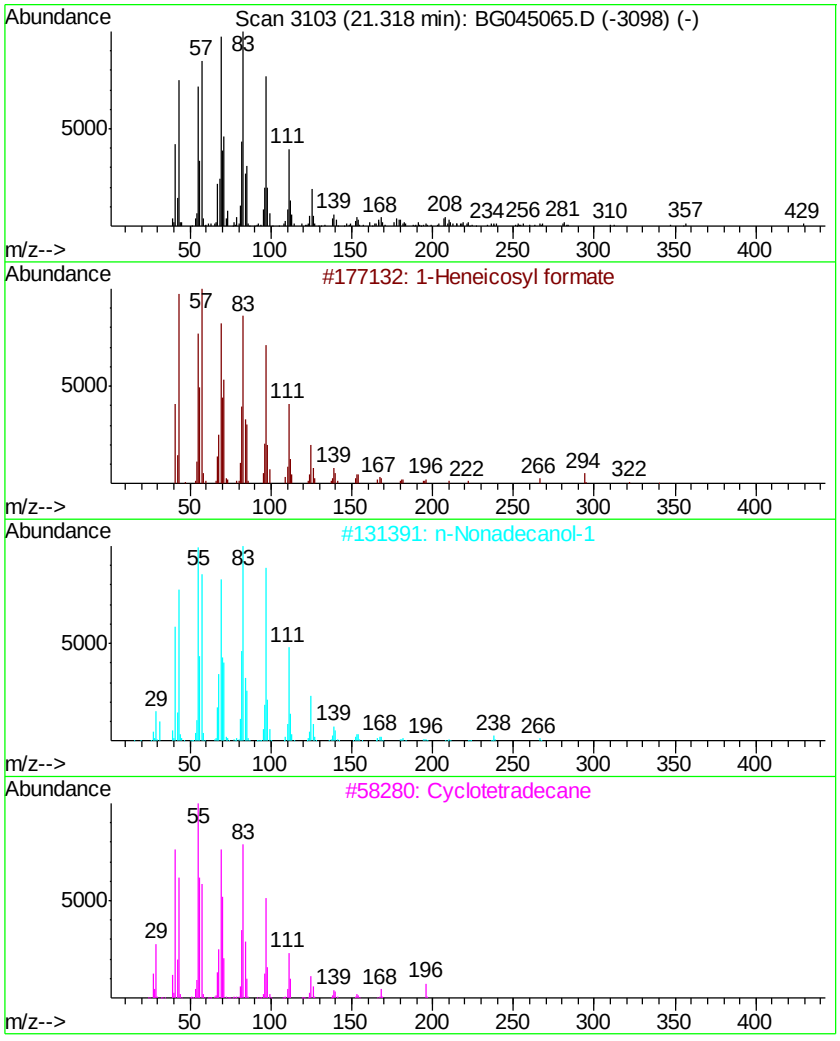
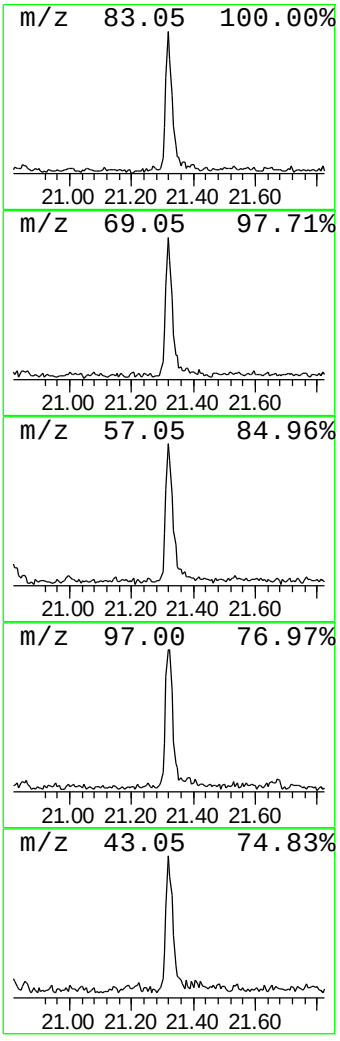
****

Peak Number 8 1-Heneicosyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	5.87 ng	360651	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
3	Cyclotetradecane	196	C14H28	000295-17-0	91
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	87
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	87





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Acq On : 18 Apr 2020 13:44
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Sample : L2271-12
Misc :
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Instrument : BNA_G
ClientSampleId : BG-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

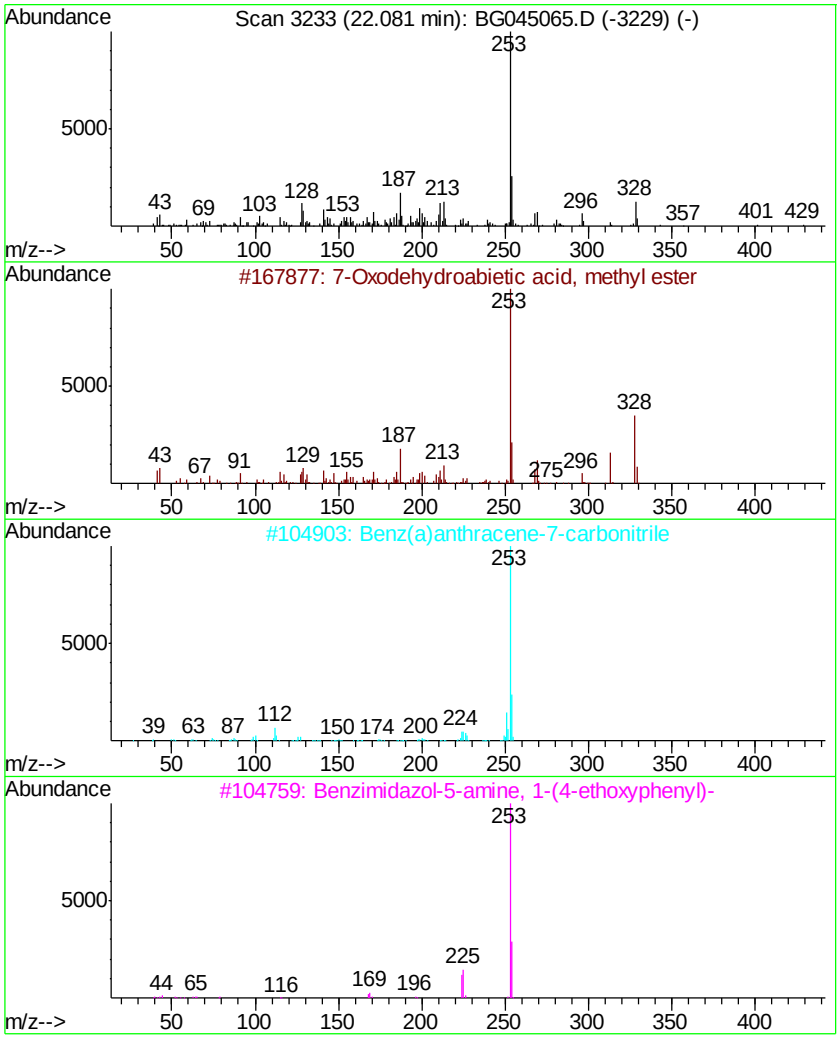
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

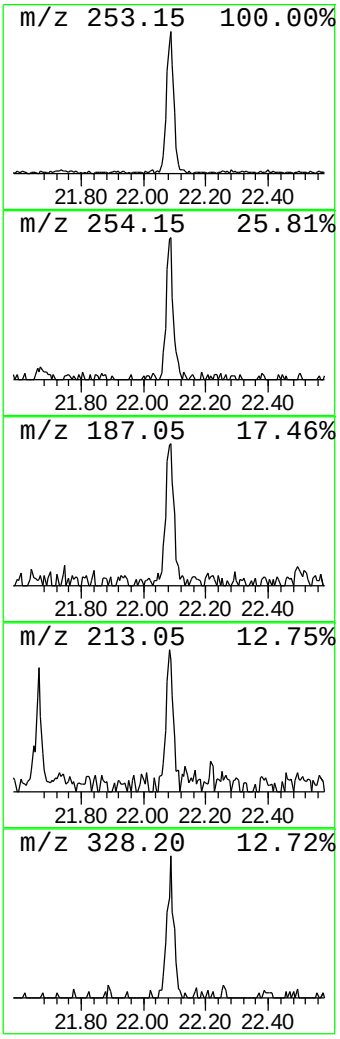
****

Peak Number 9 7-Oxodehydroabietic acid, m... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.08	3.02 ng	185318	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxodehydroabietic acid, methyl...	328	C21H28O3	110936-78-2	94
2	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	50
3	Benzimidazol-5-amine, 1-(4-ethox...	253	C15H15N3O	007104-62-3	50
4	Silane, diphenylbutoxy(2-methoxy...	330	C19H26O3Si	1000367-72-3	45
5	Fumaric acid, 2-hexyl undecyl ester	354	C21H38O4	1000348-74-9	43





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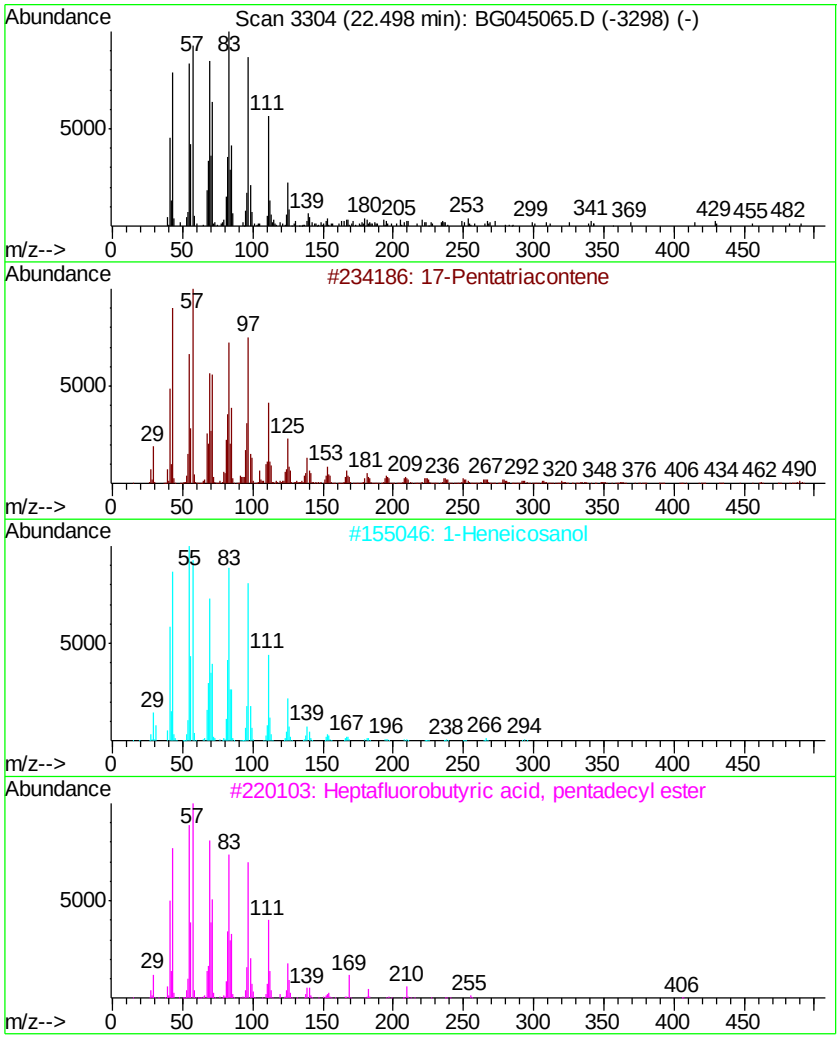
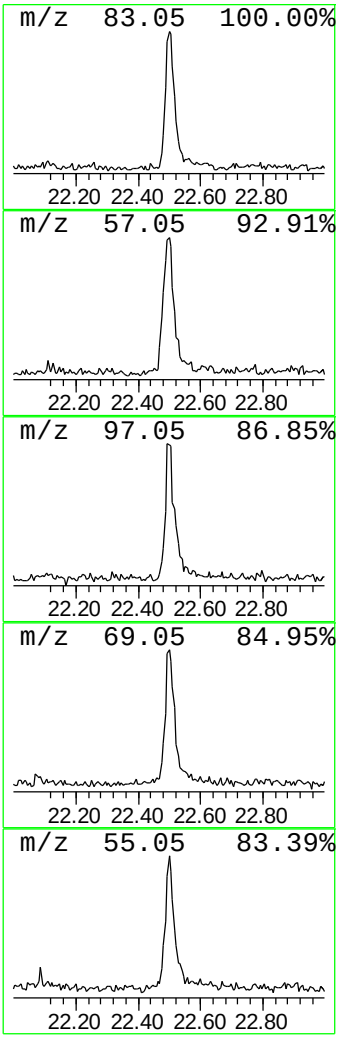
****

Peak Number 10 17-Pentatriacontene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	4.95 ng	303785	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
5	Behenic alcohol	326	C22H46O	000661-19-8	90





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Sample : L2271-12
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
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TIC Library : C:\Database\NIST11.L
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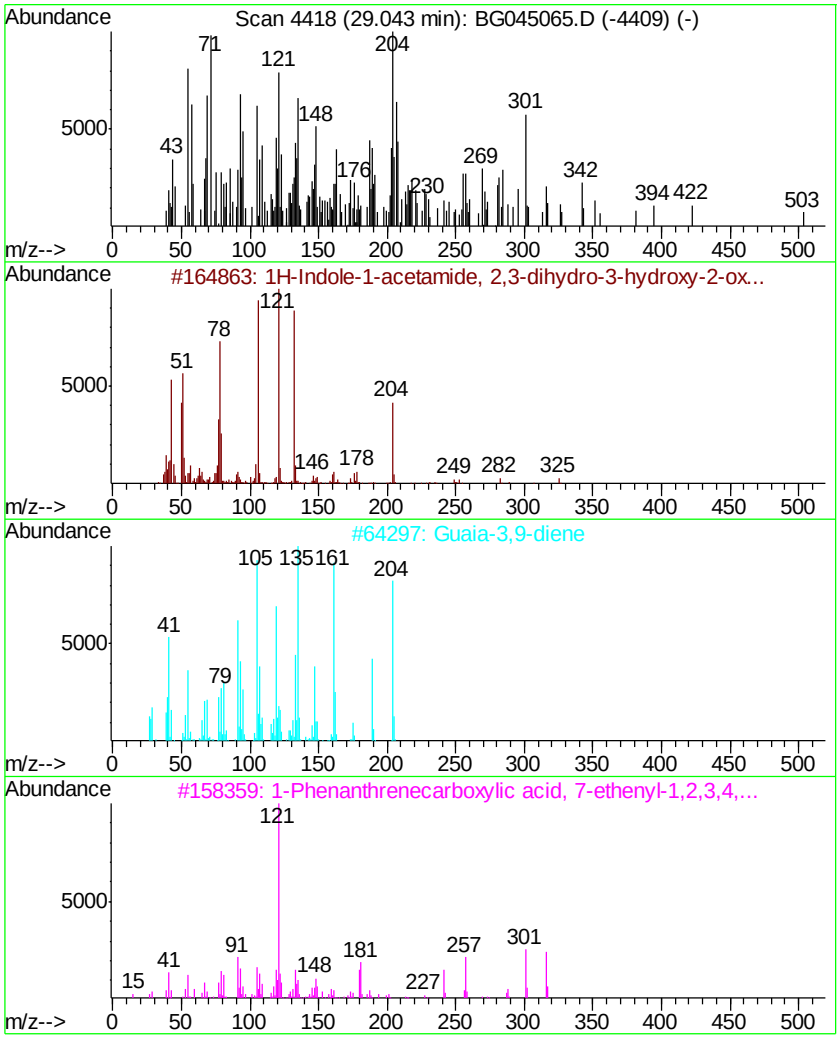
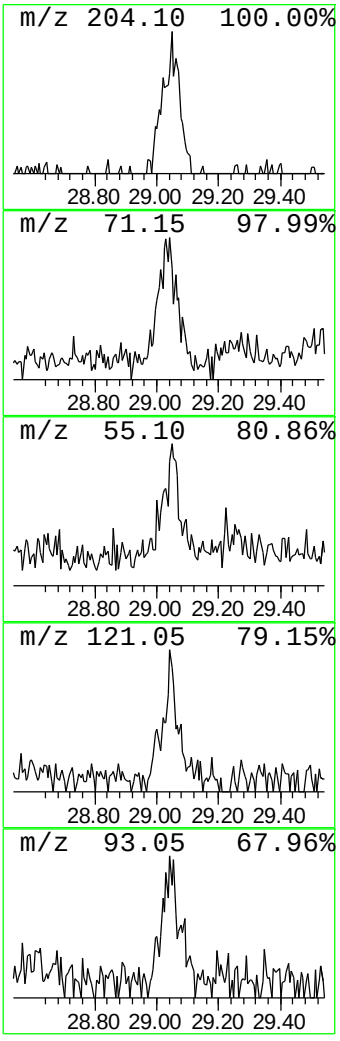
Peak Number 11 unknown29.04 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.04	4.87 ng	311385	Perylene-d12	24.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole-1-acetamide, 2,3-dihyd...	325	C17H15N3O4	1000350-69-5	35
2	Guaia-3,9-diene	204	C15H24	000489-83-8	25
3	1-Phenanthrenecarboxylic acid, 7...	316	C21H32O2	001686-54-0	18
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	15
5	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041720\
Data File : BG045065.D
Acq On : 18 Apr 2020 13:44
Operator : CG/JU
Sample : L2271-12
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BG-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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
Butane, 2-methoxy...	3.20	4.8	ng	88740	1	8.02	367386	20.0
9H-Carbazole, 9-e...	20.17	2.0	ng	123640	5	21.66	1227840	20.0
Retene	20.23	2.9	ng	180585	5	21.66	1227840	20.0
Dodecanoic acid, ...	20.68	4.8	ng	296300	5	21.66	1227840	20.0
Cobalt, (.eta.5-2...	20.76	8.0	ng	492612	5	21.66	1227840	20.0
1-Heneicosyl formate	21.32	5.9	ng	360651	5	21.66	1227840	20.0
7-Oxodehydroabiet...	22.08	3.0	ng	185318	5	21.66	1227840	20.0
17-Pentatriacontene	22.50	5.0	ng	303785	5	21.66	1227840	20.0
unknown29.04	29.04	4.9	ng	311385	6	24.85	1277890	20.0