LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041332.D
Acq On : 19 Jun 2019 17:36
Operator : HP/JU
Sample : K3366-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BRANCH-LEAVES

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-BG061719.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	5.615	425	430	442	rBV	84759	155042	1.21%	0.331%
2	7.231	699	705	714	rBV	98900	176676	1.37%	0.378%
3	7.607	763	769	775	rBV2	97148	177857	1.38%	0.380%
4	8.083	843	850	860	rVB	233367	416323	3.24%	0.890%
5	8.400	899	904	915	rVB	85312	162350	1.26%	0.347%
6	10.903	1323	1330	1343	rVB	318798	576753	4.48%	1.232%
7	13.336	1738	1744	1750	rBV	181839	282029	2.19%	0.603%
8	13.835	1821	1829	1831	rBV2	86934	154681	1.20%	0.331%
9	13.864	1831	1834	1856	rVB	183269	426483	3.31%	0.911%
10	14.716	1972	1979	1987	rVB2	527130	810007	6.30%	1.731%
11	16.203	2227	2232	2242	rVB3	172815	327494	2.55%	0.700%
12	16.849	2333	2342	2354	rBV	322752	794256	6.17%	1.697%
13	17.172	2390	2397	2403	rBV3	107391	214649	1.67%	0.459%
14	17.249	2405	2410	2423	rVB5	97062	247372	1.92%	0.529%
15	17.466	2434	2447	2462	rBV2	680911	1241326	9.65%	2.652%
16	17.754	2492	2496	2503	rBV	65549	148952	1.16%	0.318%
17	18.324	2588	2593	2602	rBV2	580292	865091	6.72%	1.848%
18	18.670	2648	2652	2660	rVV3	96053	187358	1.46%	0.400%
19	19.323	2759	2763	2778	rBV	407708	702321	5.46%	1.501%
20	19.452	2780	2785	2788	rBV	309777	512368	3.98%	1.095%
21	19.493	2788	2792	2800	rVV	698938	1063741	8.27%	2.273%
22	19.587	2804	2808	2814	rVV2	178264	234593	1.82%	0.501%
23	20.057	2884	2888	2893	rBV	287286	371172	2.88%	0.793%
24	21.332	3103	3105	3117	rVB2	117659	217561	1.69%	0.465%
25	21.743	3169	3175	3186	rVB2	652235	1098828	8.54%	2.348%
26	22.137	3239	3242	3248	rVB3	104489	137967	1.07%	0.295%
27	22.501	3299	3304	3306	rBV	303231	478366	3.72%	1.022%
28	22.531	3306	3309	3326	rVB	574930	1236650	9.61%	2.642%
29	23.200	3417	3423	3430	rVB5	184026	417953	3.25%	0.893%
30	23.571	3482	3486	3493	rVB3	120672	227994	1.77%	0.487%
31	24.052	3555	3568	3574	rBV	5403874	12866121	100.00%	27.491%
32	24.117	3575	3579	3597	rVB3	150802	434942	3.38%	0.929%
33	24.722	3675	3682	3699	rVB	510819	1397409	10.86%	2.986%
34	24.987	3722	3727	3733	rBV2	159044	383867	2.98%	0.820%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041332.D
Acq On : 19 Jun 2019 17:36
Operator : HP/JU
Sample : K3366-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BRANCH-LEAVES

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-BG061719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	25.063	3734	3740	3757	rVB2	314593	1099524	8.55%	2.349%
36	25.545	3814	3822	3831	rVB3	295878	810747	6.30%	1.732%
37	26.185	3914	3931	3944	rBV	3246993	11069015	86.03%	23.651%
38	28.394	4294	4307	4324	rVB4	752119	3058794	23.77%	6.536%
39	30.504	4655	4666	4691	rVB8	294613	1616796	12.57%	3.455%

Sum of corrected areas: 46801428

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
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Acq On : 19 Jun 2019 17:36
Operator : HP/JU
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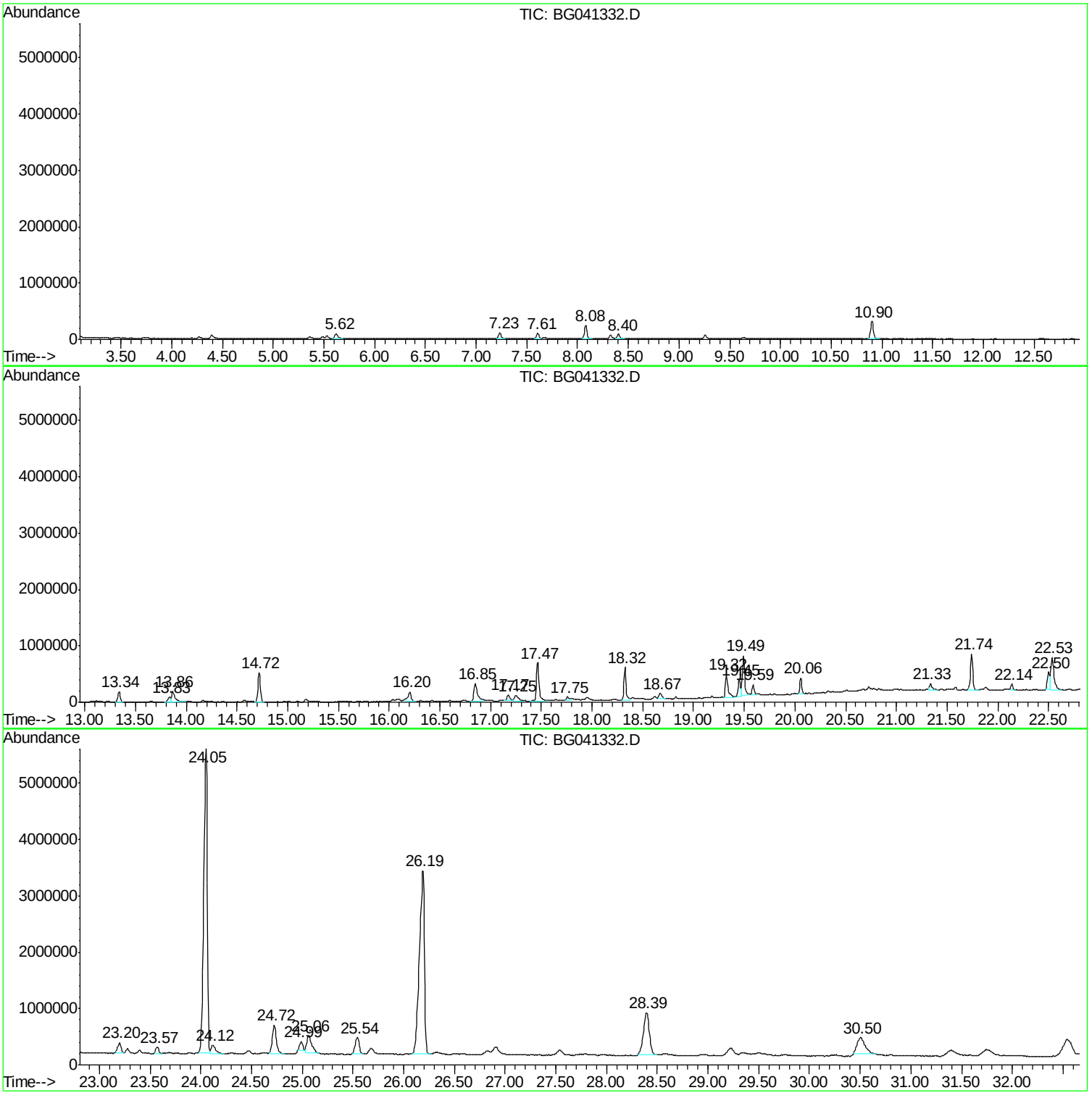
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BRANCH-LEAVES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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\BG061919\
Data File : BG041332.D
Acq On : 19 Jun 2019 17:36
Operator : HP/JU
Sample : K3366-04 5X
Misc :
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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

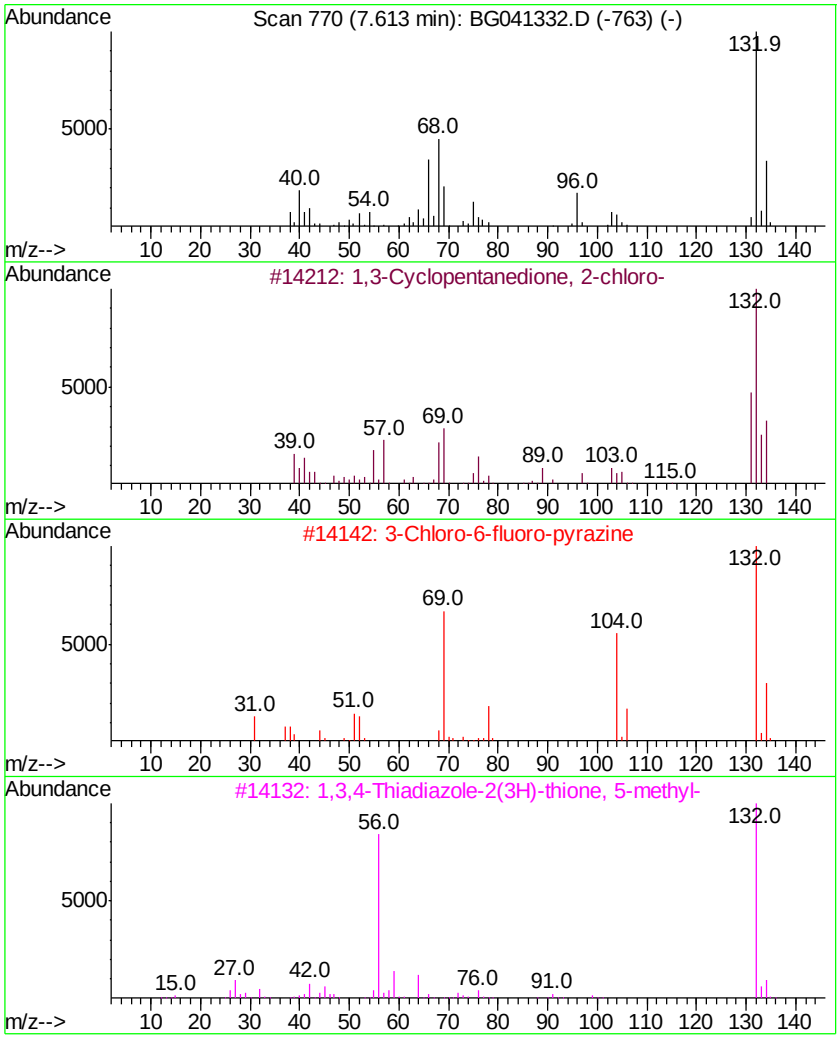
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

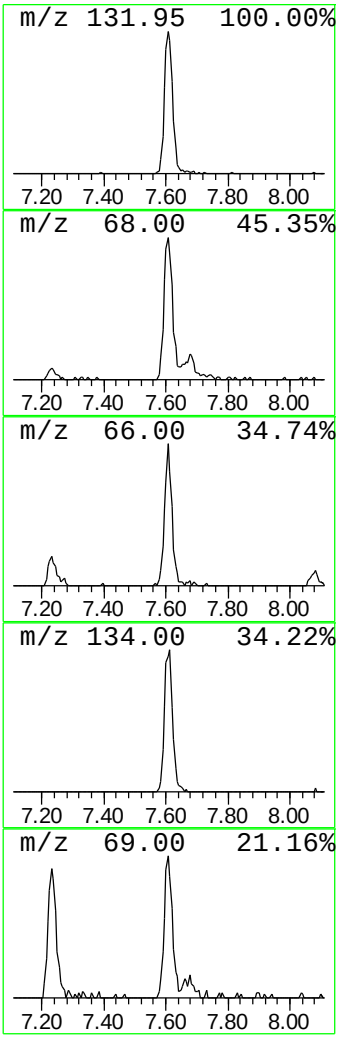
****

Peak Number 1 unknown7.61 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	8.54 ng	177857	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	22
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10





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Operator : HP/JU
Sample : K3366-04 5X
Misc :
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Instrument : BNA_G
ClientSampleId : BRANCH-LEAVES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

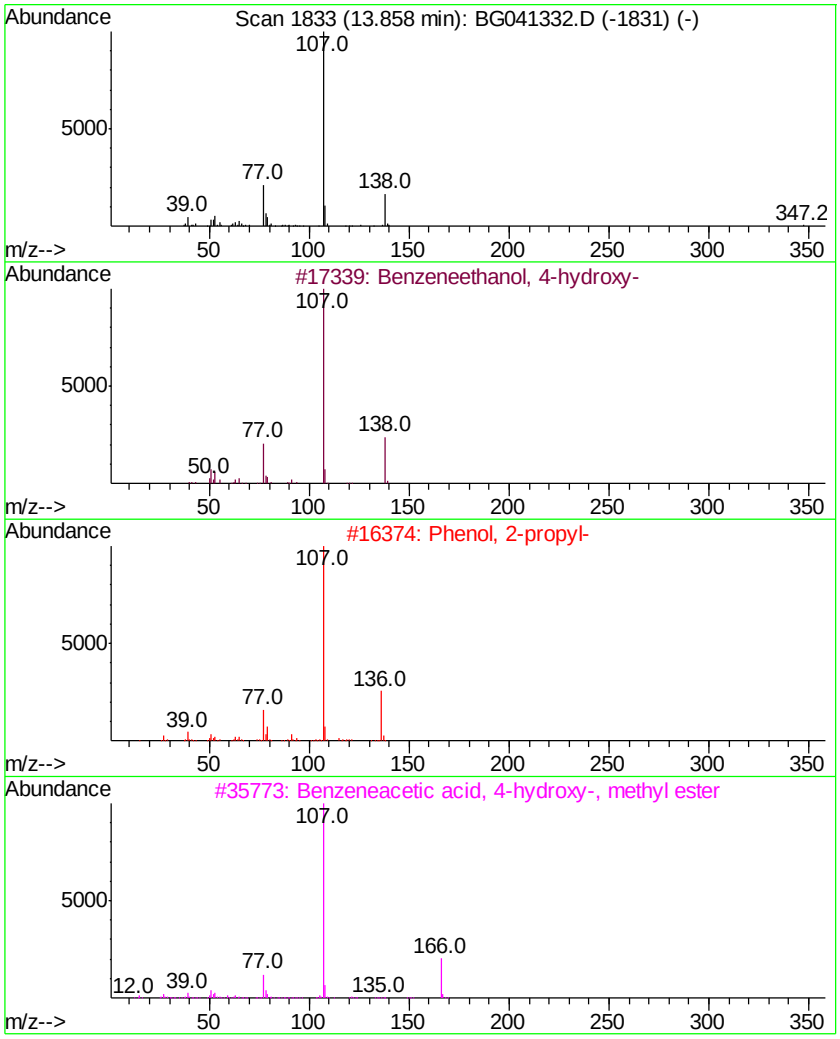
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

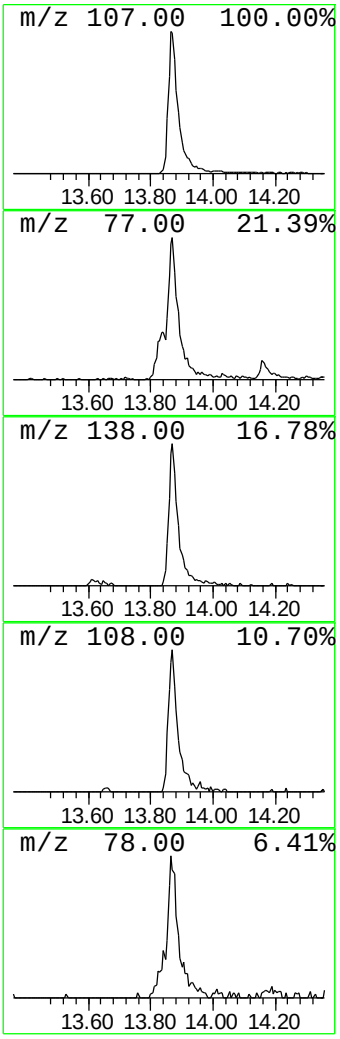
****

Peak Number 3 Benzeneethanol, 4-hydroxy- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	10.53 ng	426483	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanol, 4-hydroxy-	138	C8H10O2	000501-94-0	91
2	Phenol, 2-propyl-	136	C9H12O	000644-35-9	72
3	Benzeneacetic acid, 4-hydroxy-, ...	166	C9H10O3	014199-15-6	72
4	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	72
5	Benzeneacetic acid, 4-hydroxy-	152	C8H8O3	000156-38-7	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041332.D
Acq On : 19 Jun 2019 17:36
Operator : HP/JU
Sample : K3366-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BRANCH-LEAVES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

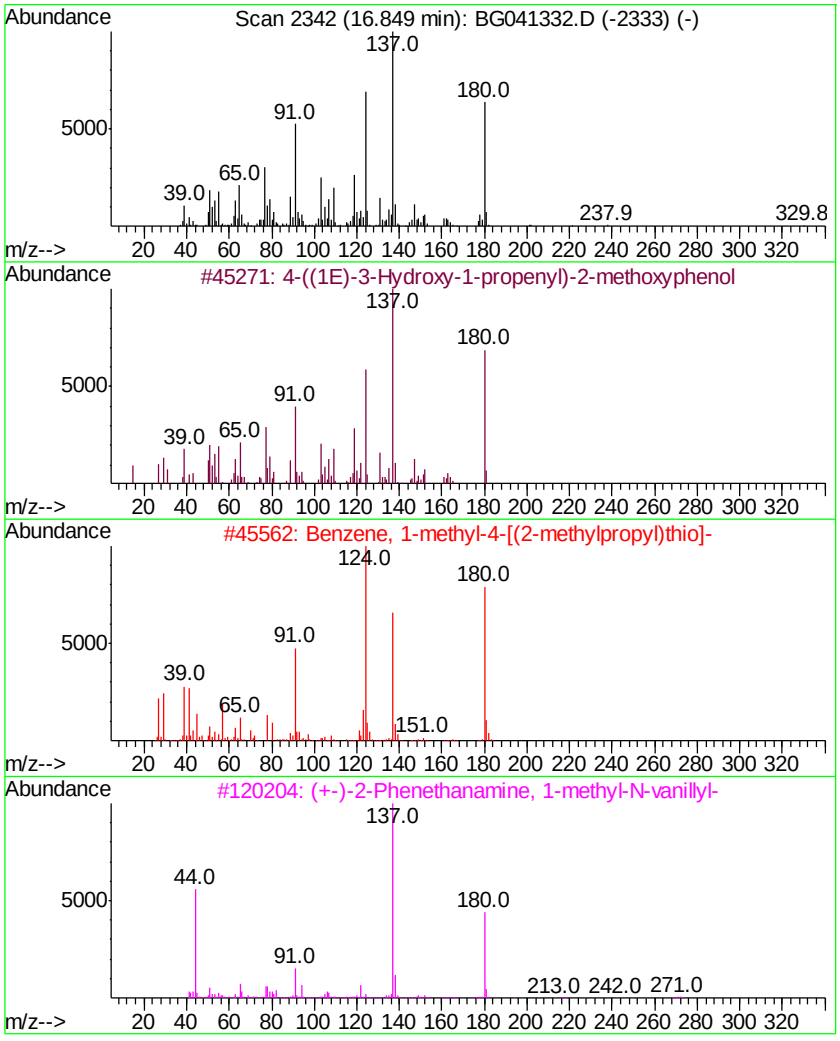
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

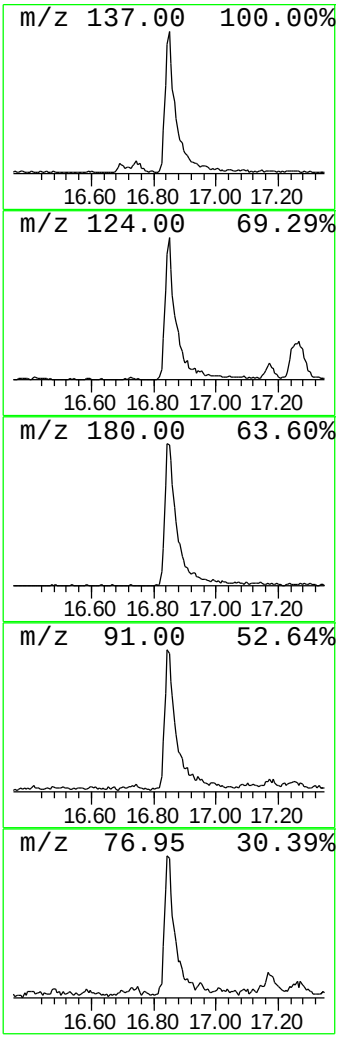
****

Peak Number 4 4-((1E)-3-Hydroxy-1-propeny... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	12.80 ng	794256	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-((1E)-3-Hydroxy-1-propenyl)-2-...	180	C10H12O3	1000297-95-5	97
2	Benzene, 1-methyl-4-[(2-methylpr...	180	C11H16S	054576-37-3	43
3	(+-)-2-Phenethanamine, 1-methyl-...	271	C17H21NO2	1000127-89-8	38
4	6-Methylnicotinic acid	137	C7H7NO2	003222-47-7	30
5	Phenol, 3-methyl-4-nitroso-	137	C7H7NO2	000615-01-0	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041332.D
Acq On : 19 Jun 2019 17:36
Operator : HP/JU
Sample : K3366-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BRANCH-LEAVES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

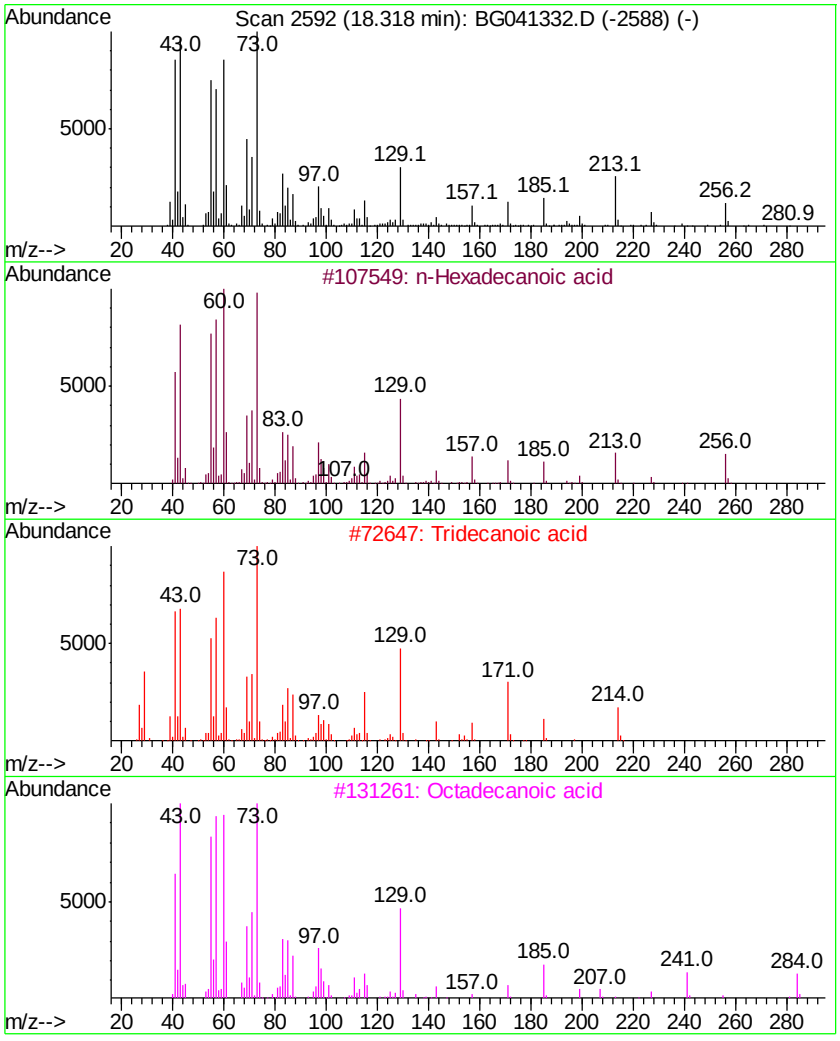
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

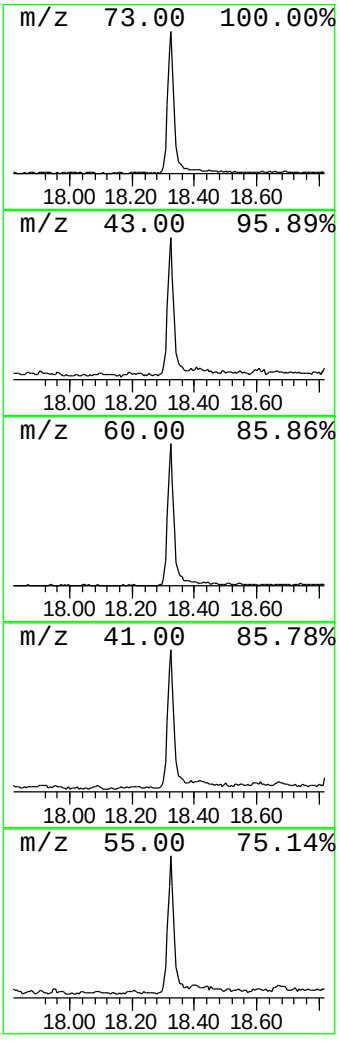
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	13.94 ng	865091	Phenanthrene-d10	17.47

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	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
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Acq On : 19 Jun 2019 17:36
Operator : HP/JU
Sample : K3366-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BRANCH-LEAVES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

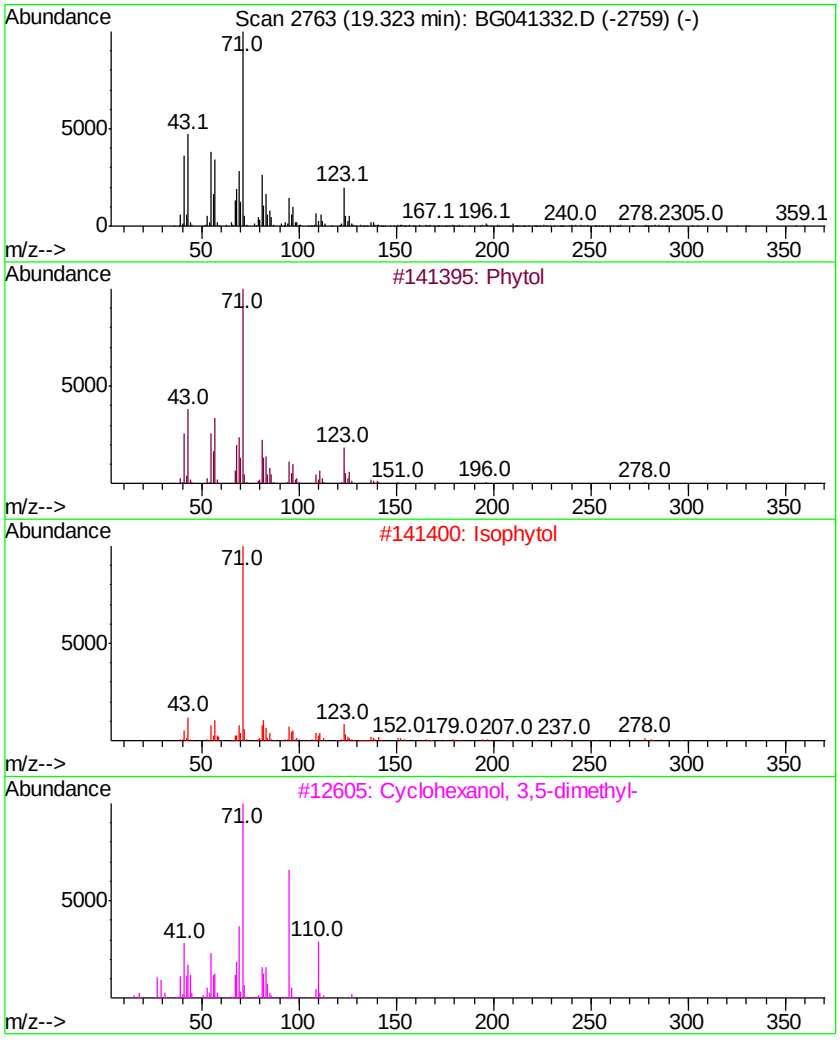
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

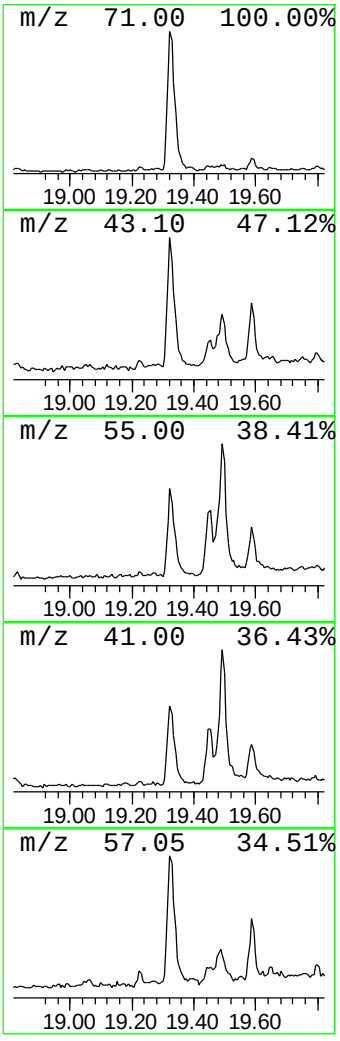
****

Peak Number 6 Phytol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	11.32 ng	702321	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phytol	296	C20H40O	000150-86-7	91
2	Isophytol	296	C20H40O	000505-32-8	53
3	Cyclohexanol, 3,5-dimethyl-	128	C8H16O	005441-52-1	53
4	Butanoic acid, undec-2-enyl ester	240	C15H28O2	1000299-12-5	49
5	Butyric acid, 3-pentadecyl ester	298	C19H38O2	1000280-57-3	47





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Data File : BG041332.D
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Operator : HP/JU
Sample : K3366-04 5X
Misc :
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Instrument : BNA_G
ClientSampleId : BRANCH-LEAVES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

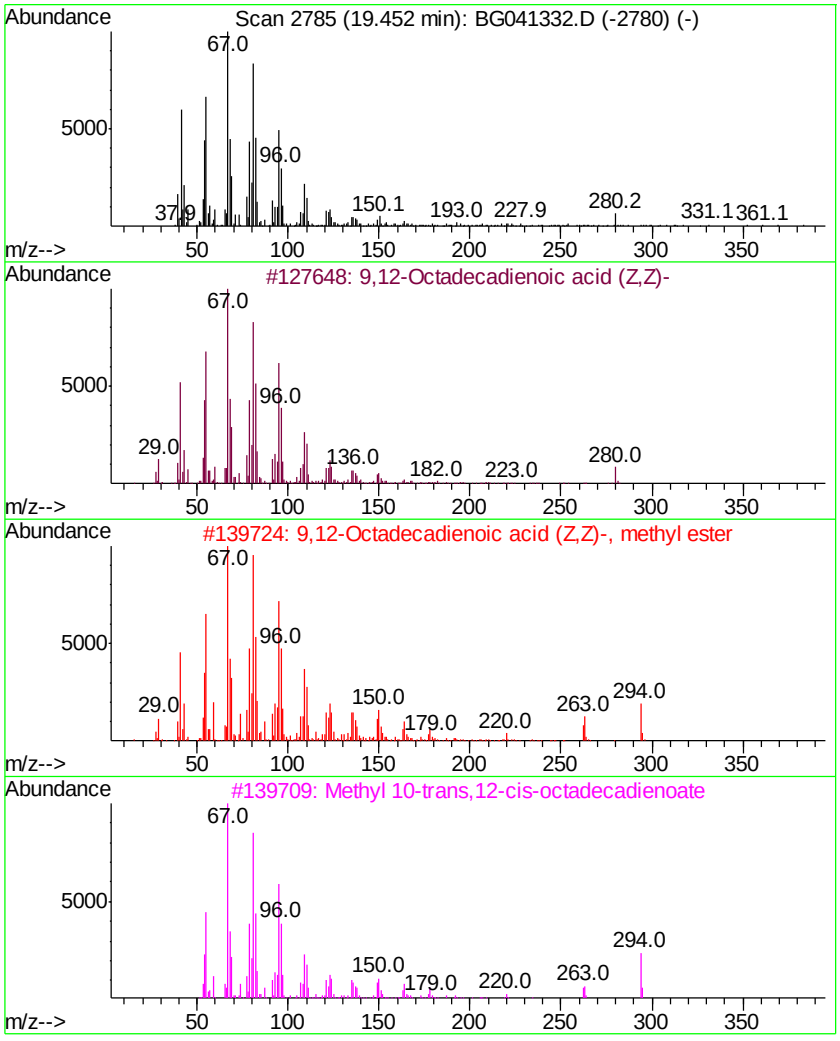
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

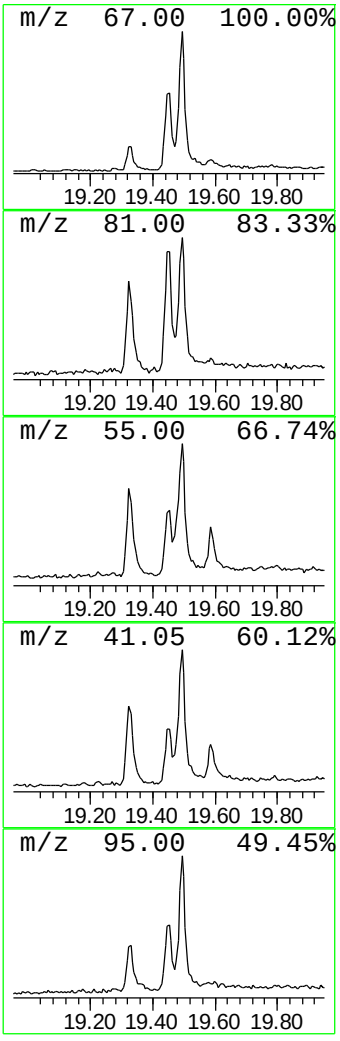
****

Peak Number 7 9,12-Octadecadienoic acid (... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	8.26 ng	512368	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	97
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	94
3	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	90
4	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	87
5	Cyclodecene	138	C10H18	003618-12-0	86





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Data File : BG041332.D
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Misc :
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Instrument : BNA_G
ClientSampleId : BRANCH-LEAVES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

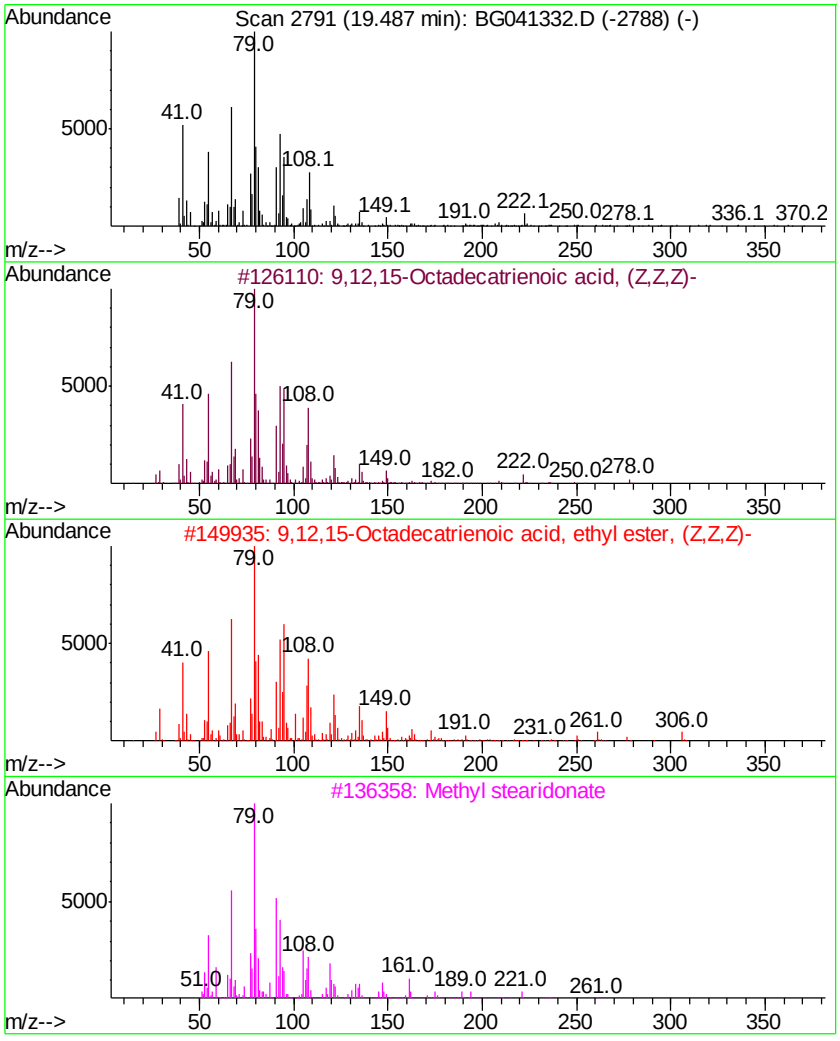
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

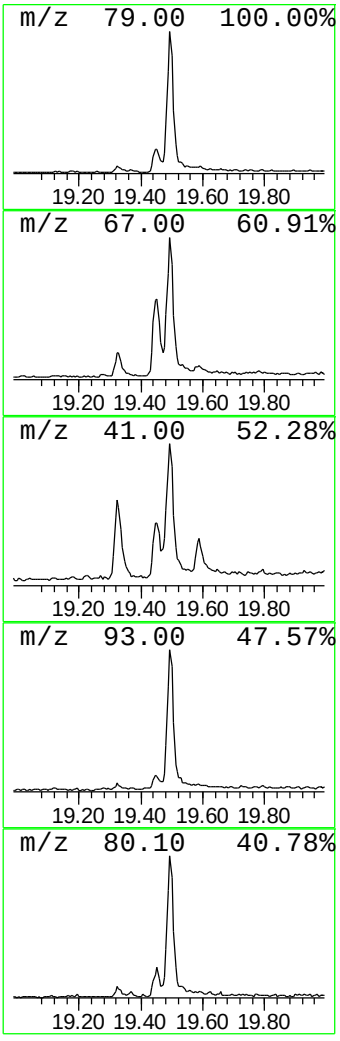
****

Peak Number 8 9,12,15-Octadecatrienoic ac... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.49	17.14 ng	1063740	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12,15-Octadecatrienoic acid, (...	278	C18H30O2	000463-40-1	91
2	9,12,15-Octadecatrienoic acid, e...	306	C20H34O2	001191-41-9	83
3	Methyl stearidonate	290	C19H30O2	1000336-47-8	78
4	9,12,15-Octadecatrien-1-ol, (Z,Z...	264	C18H32O	000506-44-5	68
5	Cyclohexene, 3-ethenyl-	108	C8H12	000766-03-0	53





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Data File : BG041332.D
Acq On : 19 Jun 2019 17:36
Operator : HP/JU
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Misc :
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Instrument : BNA_G
ClientSampleId : BRANCH-LEAVES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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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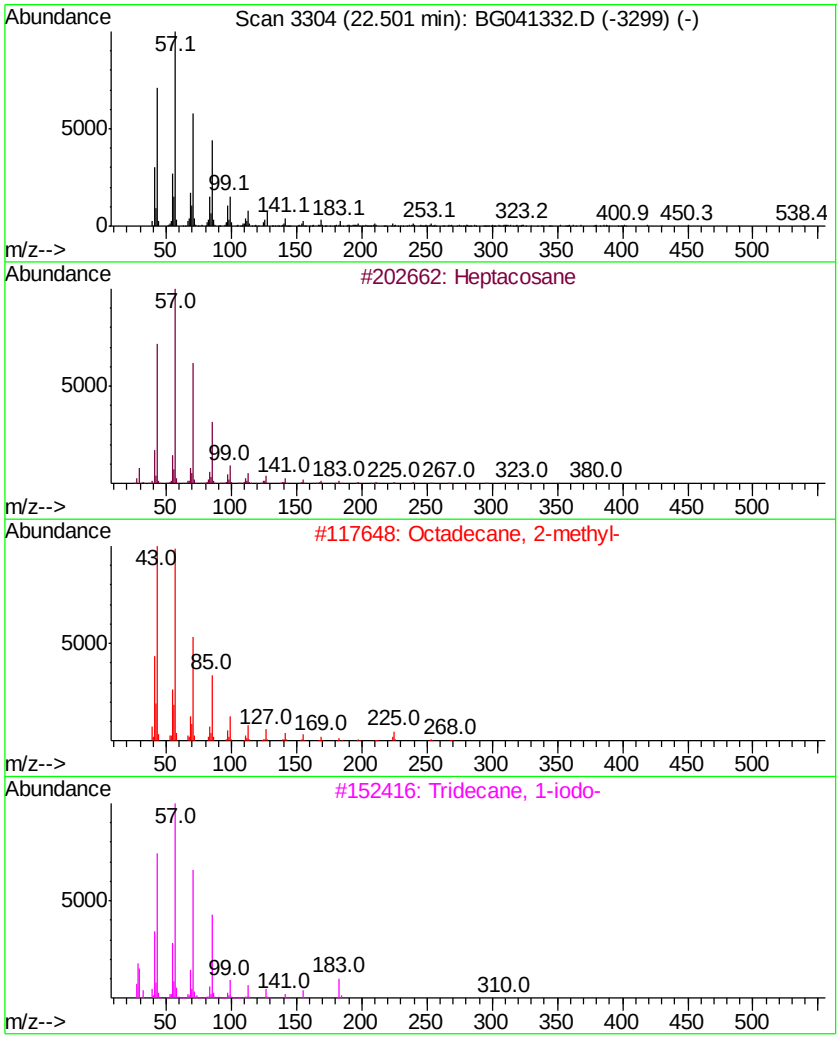
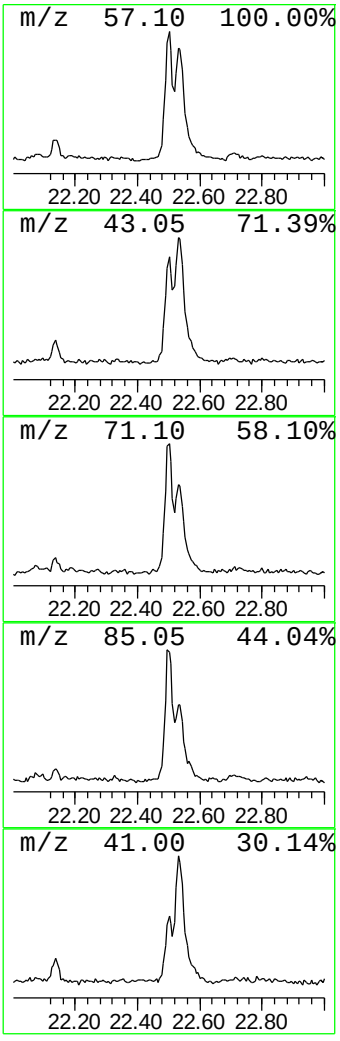
Peak Number 9 Heptacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	8.71 ng	478366	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	95
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4	Octacosane	394	C28H58	000630-02-4	90
5	Hexacosane	366	C26H54	000630-01-3	90





Library Search Compound Report

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Acq On : 19 Jun 2019 17:36
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Misc :
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TIC Integration Parameters: LSCINT.P

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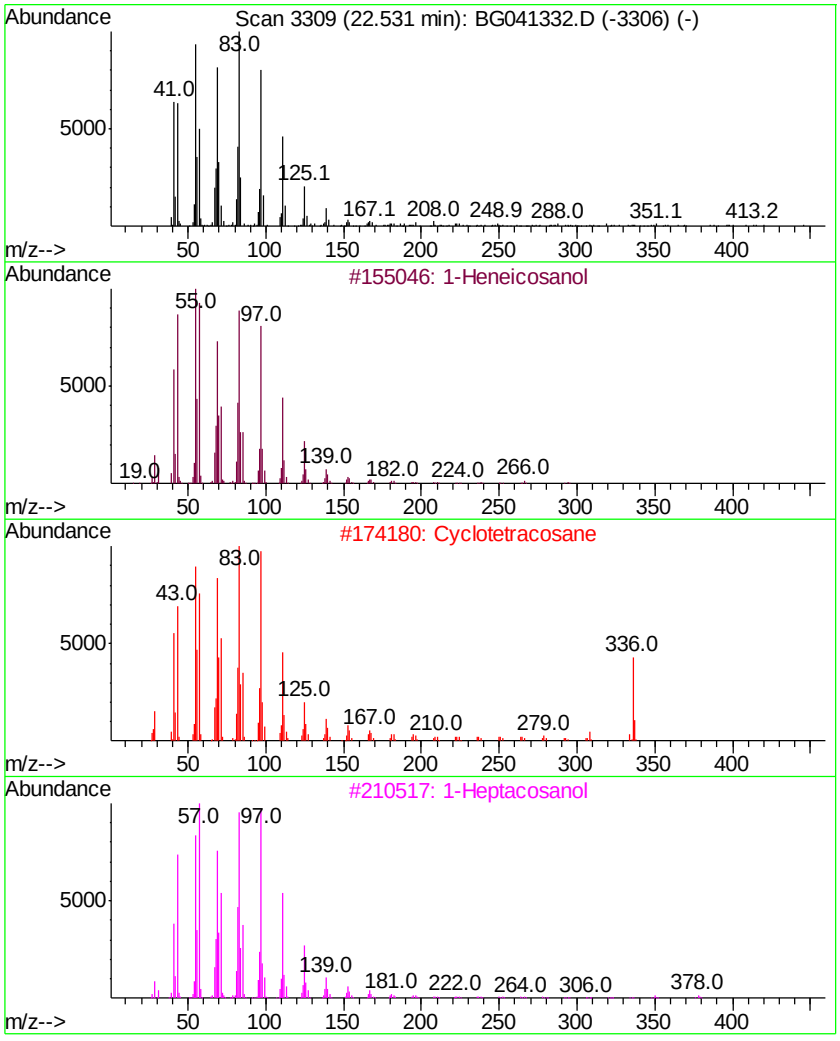
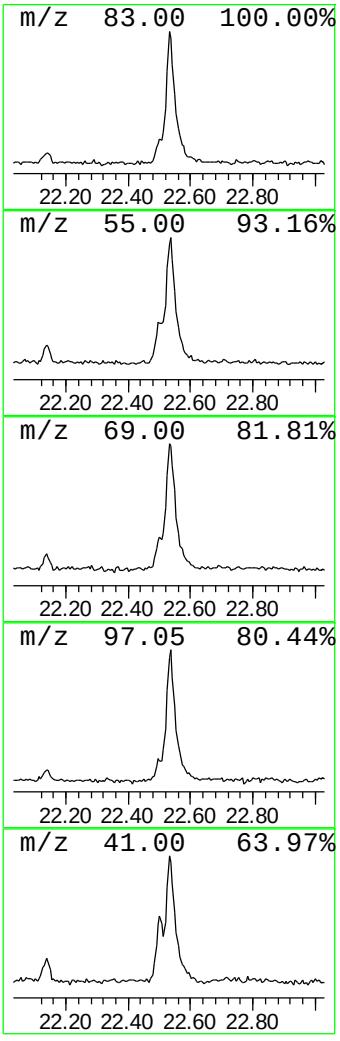
Peak Number 10 1-Heneicosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	22.51 ng	1236650	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	Cyclotetracosane	336	C24H48	000297-03-0	93
3	1-Heptacosanol	396	C27H56O	002004-39-9	91
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	90
5	Behenic alcohol	326	C22H46O	000661-19-8	90





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Acq On : 19 Jun 2019 17:36
Operator : HP/JU
Sample : K3366-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BRANCH-LEAVES

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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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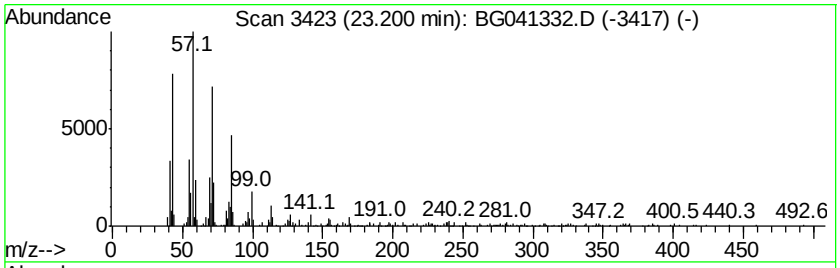
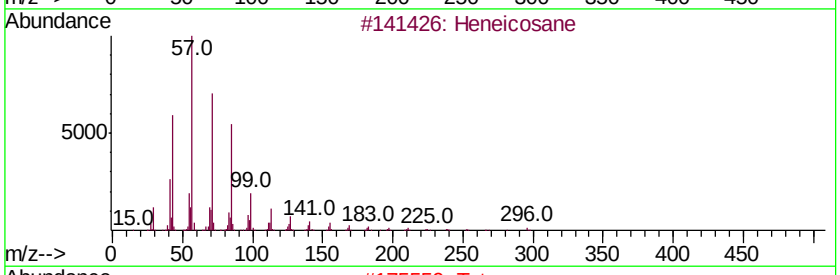
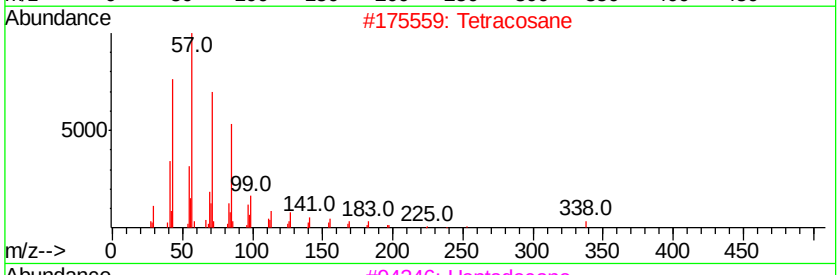
Peak Number 11 Heneicosane Concentration Rank 18

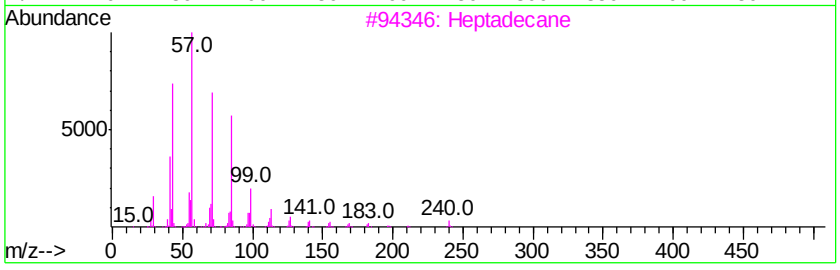
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.20	7.61 ng	417953	Chrysene-d12	21.74

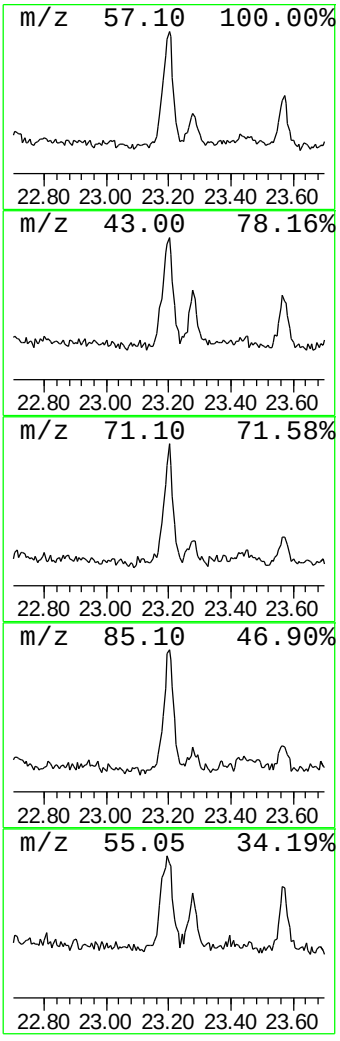
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Tetracosane	338	C24H50	000646-31-1	93
3	Heptadecane	240	C17H36	000629-78-7	89
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	86











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Sample : K3366-04 5X
Misc :
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Instrument : BNA_G
ClientSampleId : BRANCH-LEAVES

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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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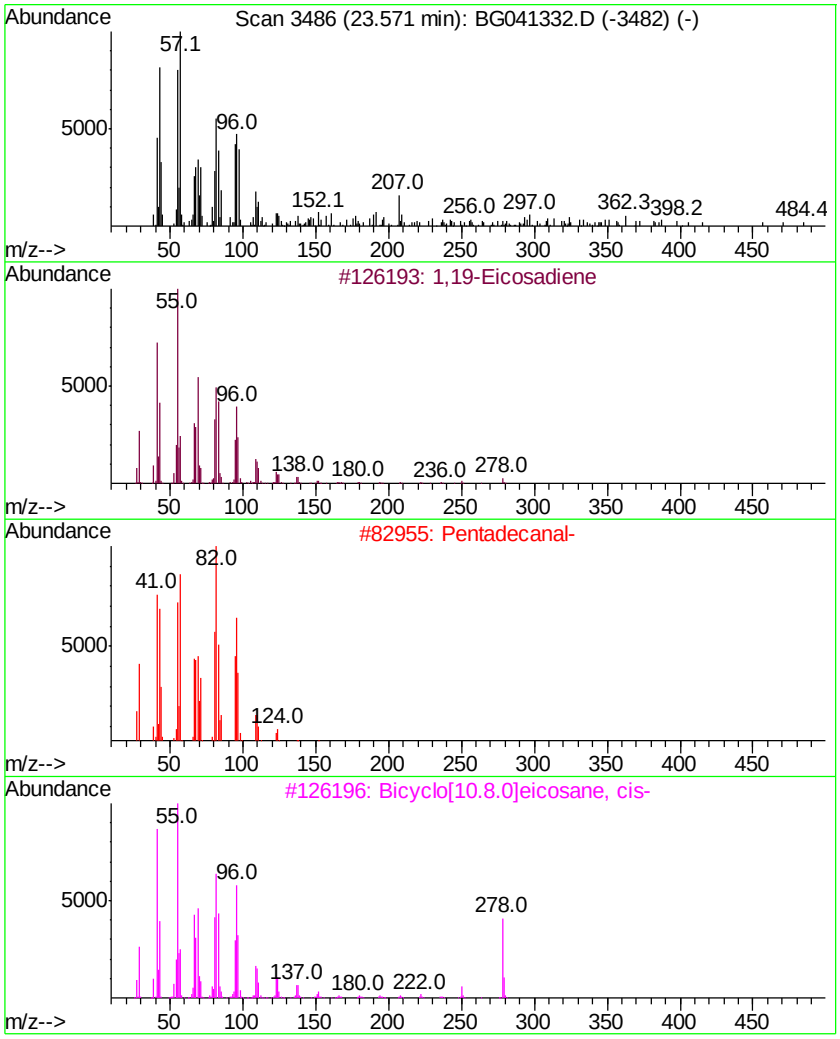
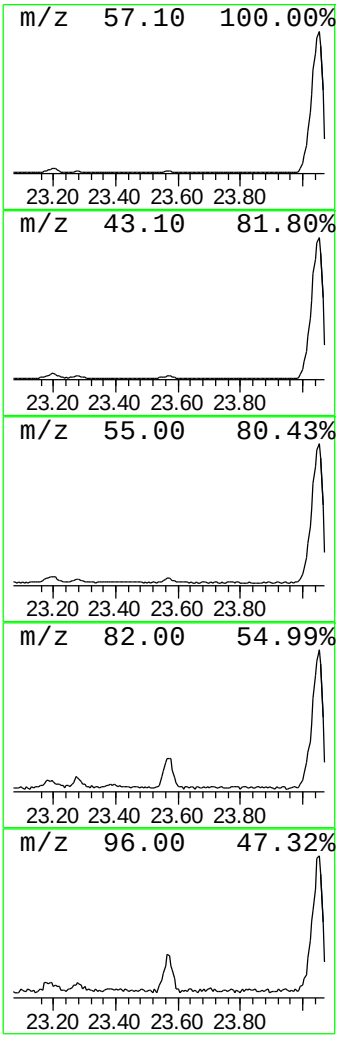
Peak Number 12 1,19-Eicosadiene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.57	4.15 ng	227994	Perylene-d12	25.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	93
2	Pentadecanal-	226	C15H30O	002765-11-9	64
3	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	58
4	11-Dodecen-1-ol trifluoroacetate	280	C14H23F3O2	128792-46-1	52
5	Heptadecanal	254	C17H34O	1000376-70-0	52





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ClientSampleId :
BRANCH-LEAVES

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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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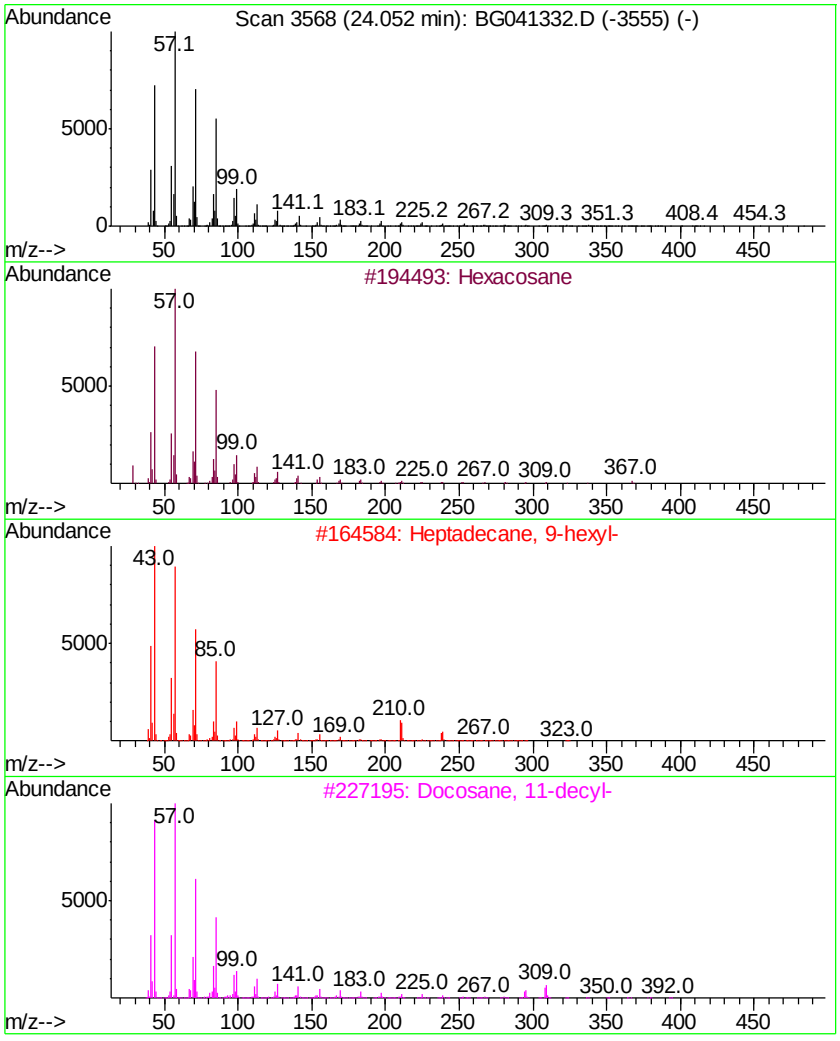
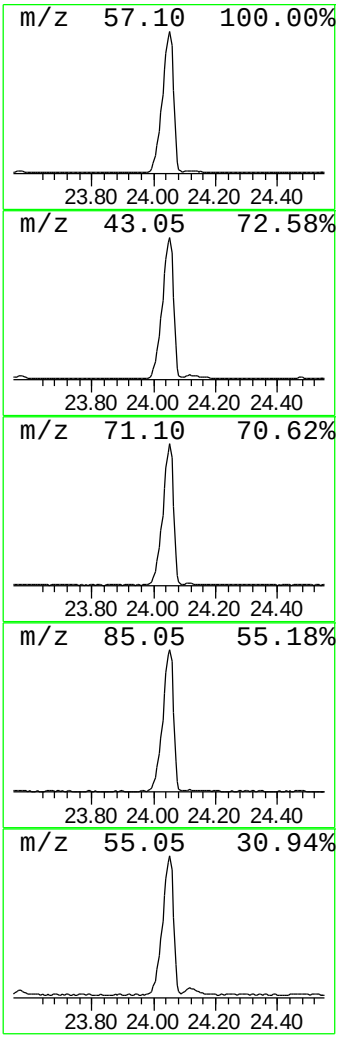
Peak Number 13 Hexacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.05	234.03 ng	12866100	Perylene-d12	25.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
3	Docosane, 11-decyl-	451	C32H66	055401-55-3	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Nonacosane	408	C29H60	000630-03-5	91





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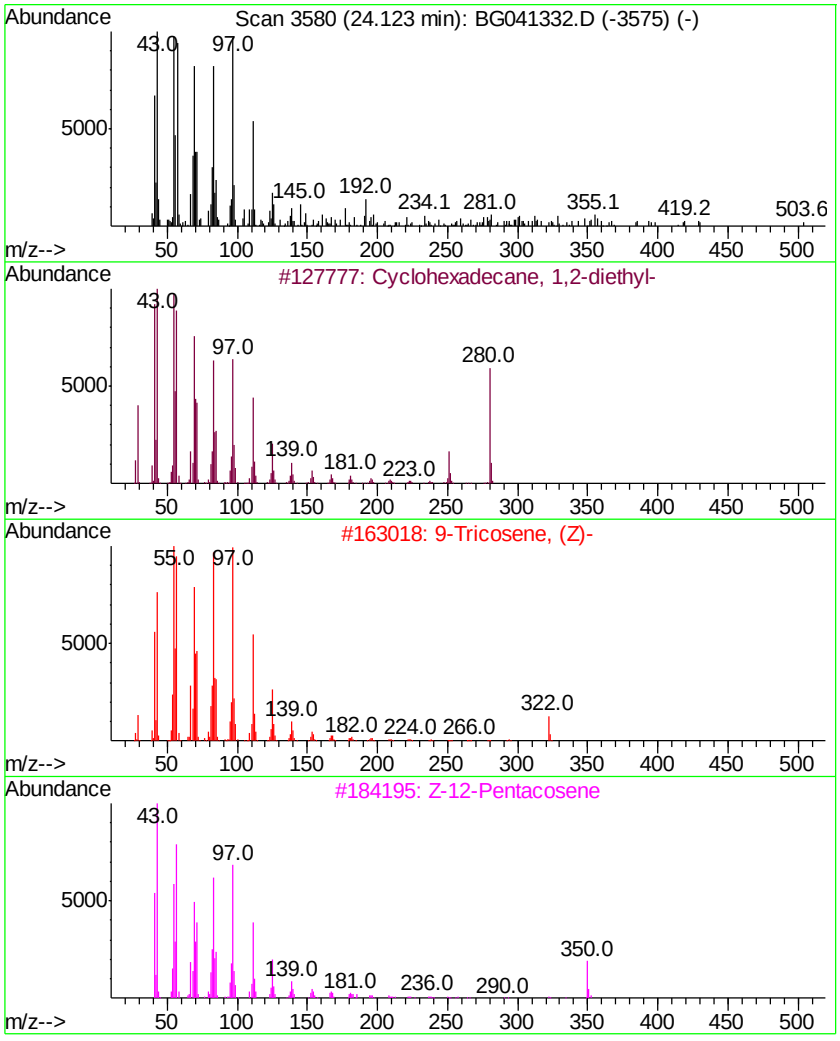
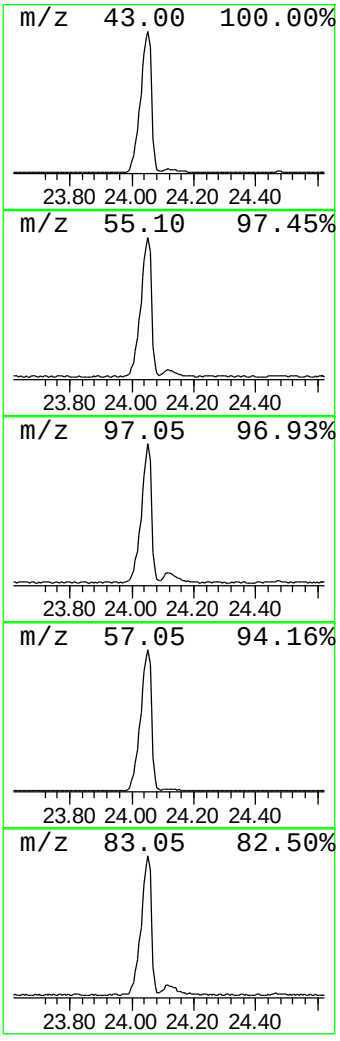
Peak Number 14 Cyclohexadecane, 1,2-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.12	7.91 ng	434942	Perylene-d12	25.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	93
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
3	Z-12-Pentacosene	350	C25H50	1000131-09-4	93
4	1-Eicosene	280	C20H40	003452-07-1	93
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	91





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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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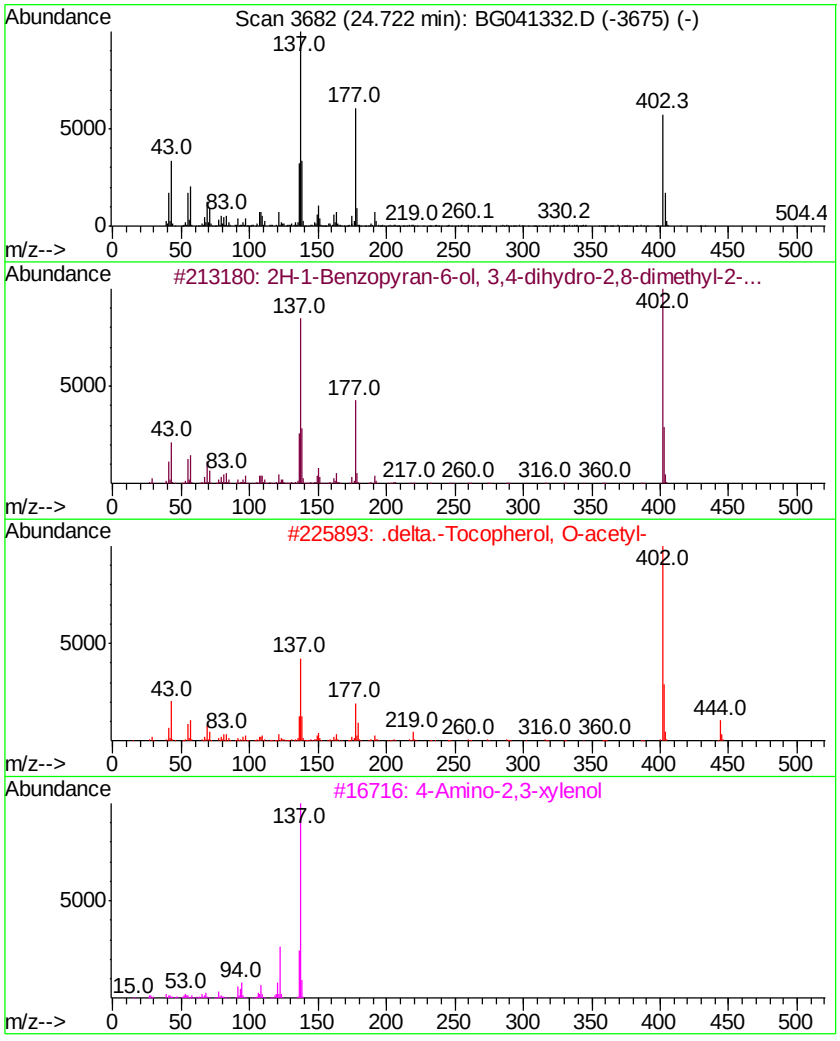
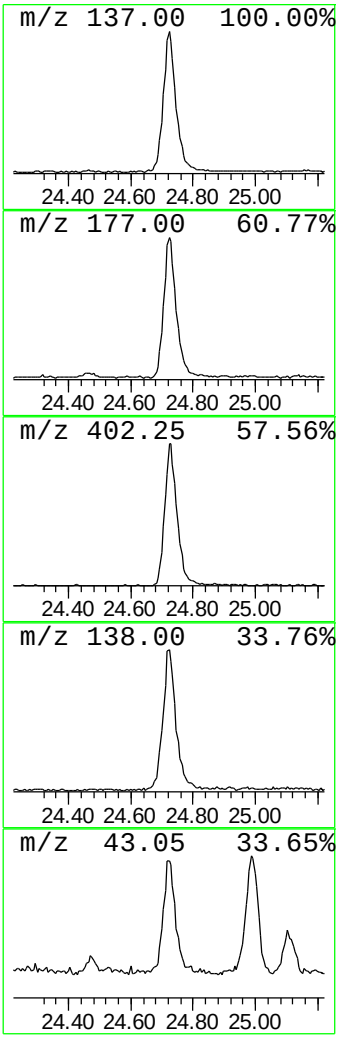
Peak Number 15 2H-1-Benzopyran-6-ol, 3,4-d... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.72	25.42 ng	1397410	Perylene-d12	25.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1-Benzopyran-6-ol, 3,4-dihydr...	402	C27H46O2	000119-13-1	99
2	.delta.-Tocopherol, O-acetyl-	444	C29H48O3	1000374-73-1	91
3	4-Amino-2,3-xylenol	137	C8H11NO	003096-69-3	35
4	1,3-Benzodioxol-5-amine	137	C7H7NO2	014268-66-7	35
5	6-Amino-2,4-dimethylphenol	137	C8H11NO	041458-65-5	35





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TIC Library : C:\Database\NIST11.L
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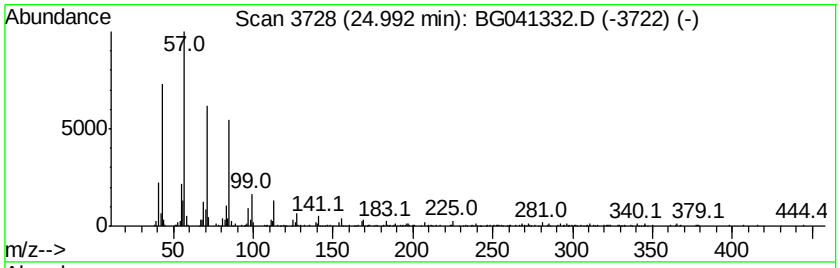
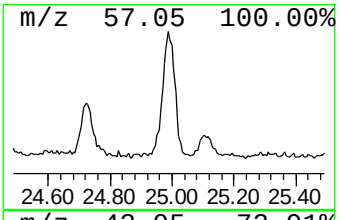
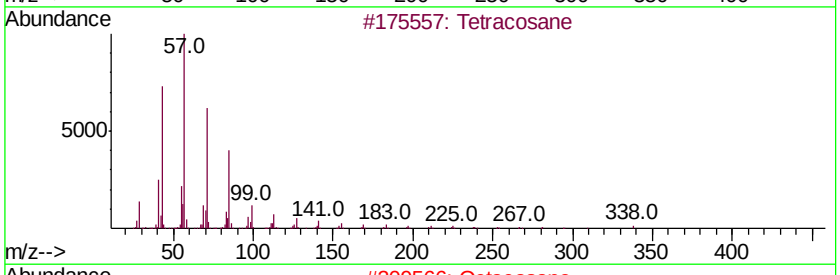
Peak Number 16 Tetracosane Concentration Rank 19

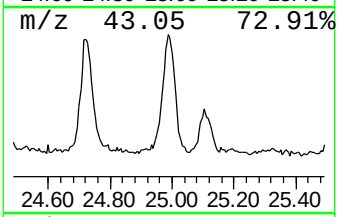
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.99	6.98 ng	383867	Perylene-d12	25.06

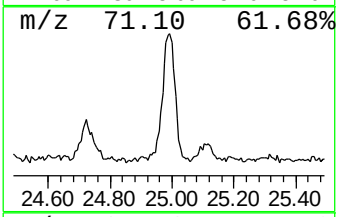
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Octacosane	394	C28H58	000630-02-4	90
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	90
4	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	87
5	Heneicosane	296	C21H44	000629-94-7	86

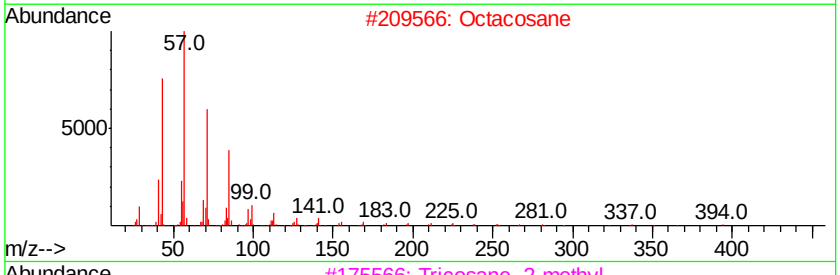


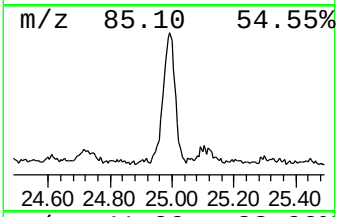


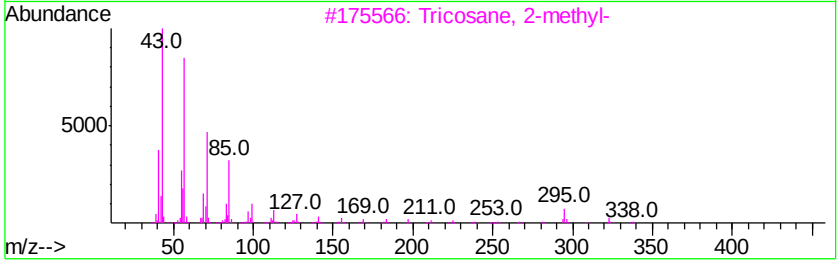


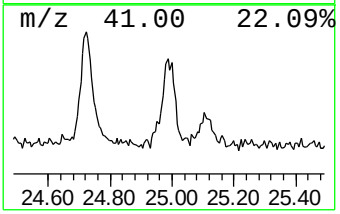












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Sample : K3366-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BRANCH-LEAVES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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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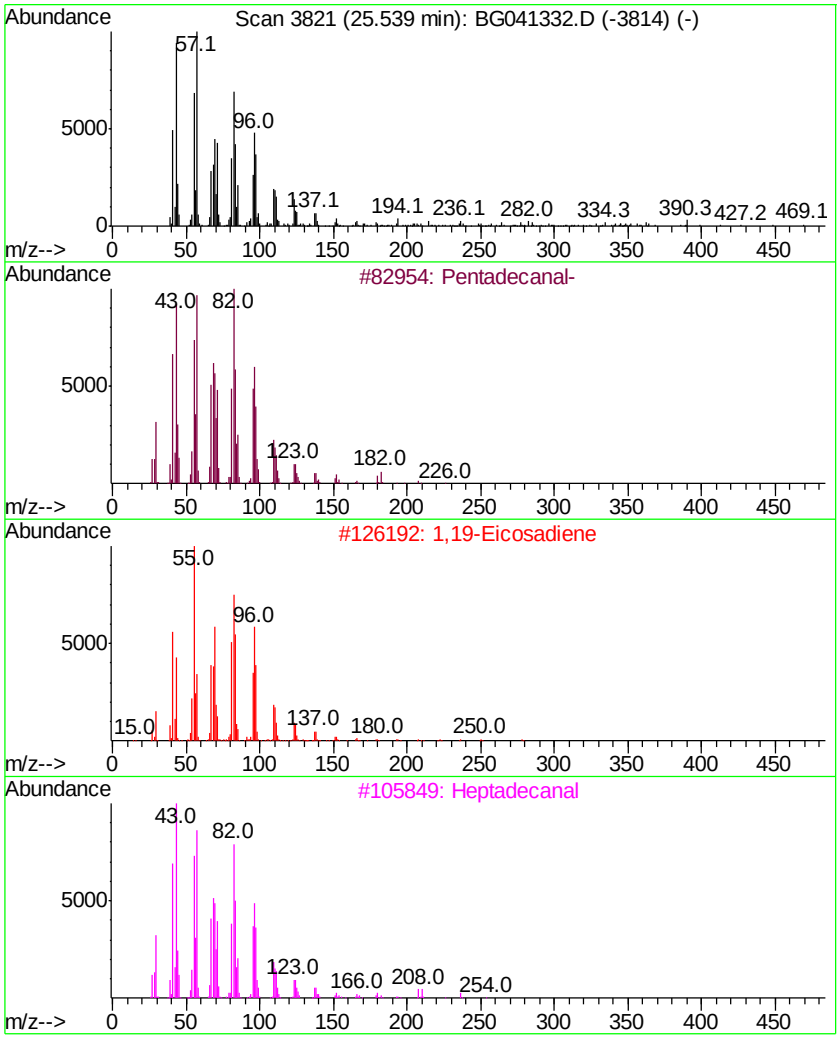
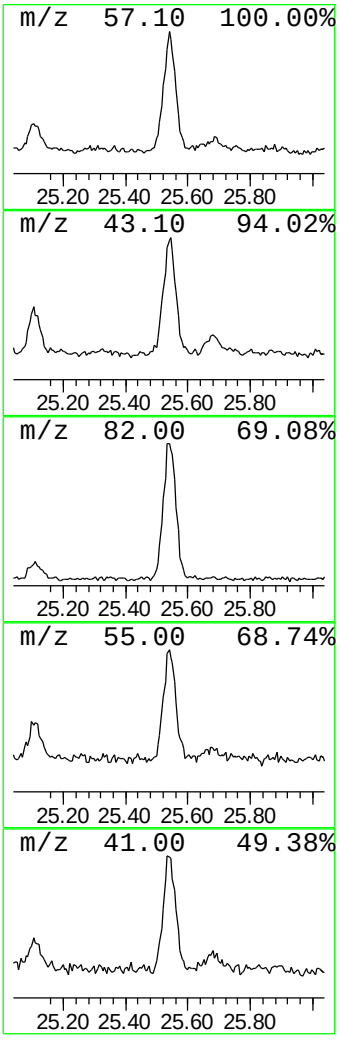
Peak Number 17 Pentadecanal- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.54	14.75 ng	810747	Perylene-d12	25.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanal-	226	C15H30O	002765-11-9	94
2	1,19-Eicosadiene	278	C20H38	014811-95-1	93
3	Heptadecanal	254	C17H34O	1000376-70-0	90
4	Disparlure	282	C19H38O	029804-22-6	90
5	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	90





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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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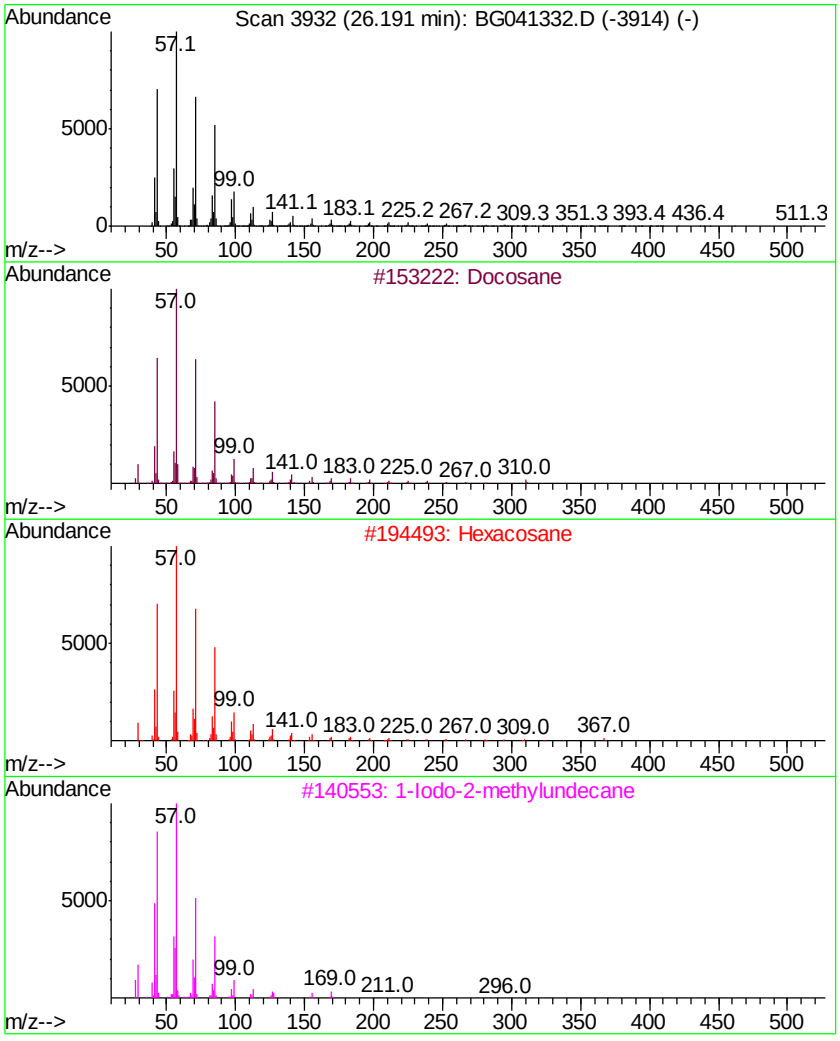
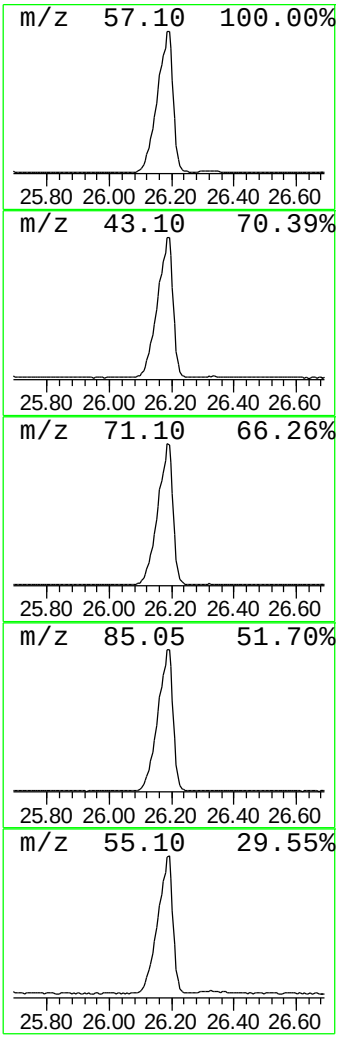
Peak Number 18 Docosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.19	201.34 ng	11069000	Perylene-d12	25.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	94
2	Hexacosane	366	C26H54	000630-01-3	94
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	93
4	Tetracosane	338	C24H50	000646-31-1	91
5	Tetratriacontane	479	C34H70	014167-59-0	91





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Misc :
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Instrument : BNA_G
ClientSampleId : BRANCH-LEAVES

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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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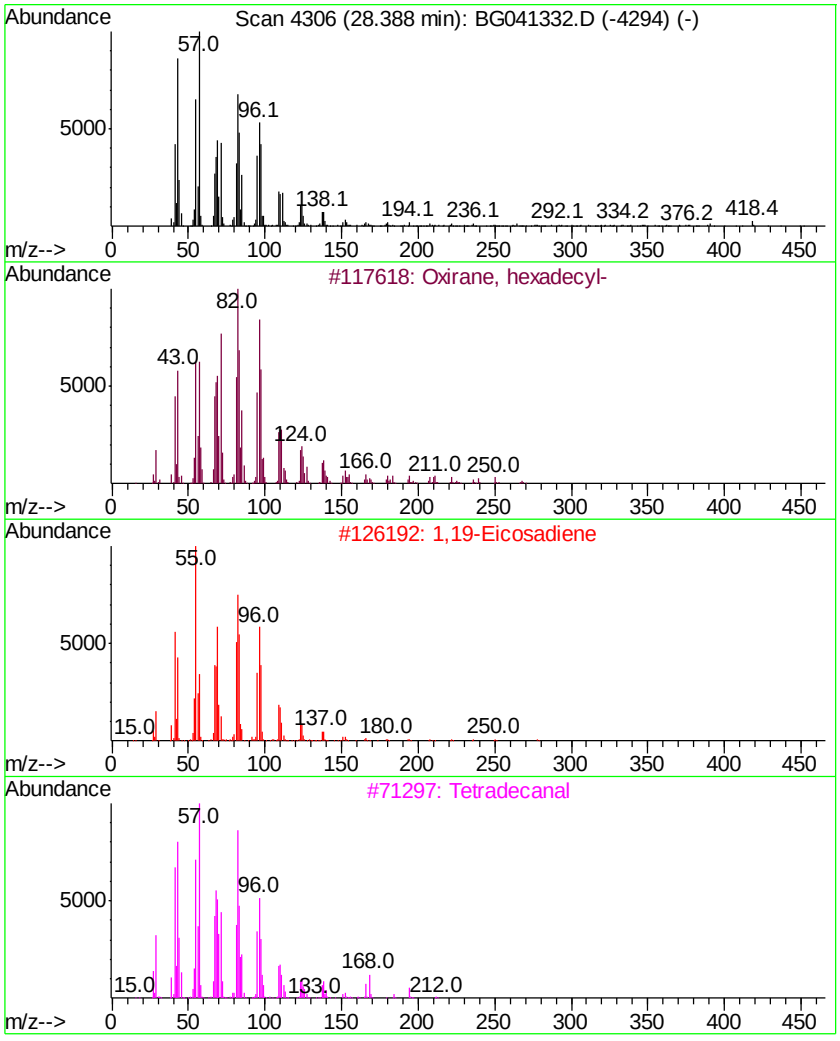
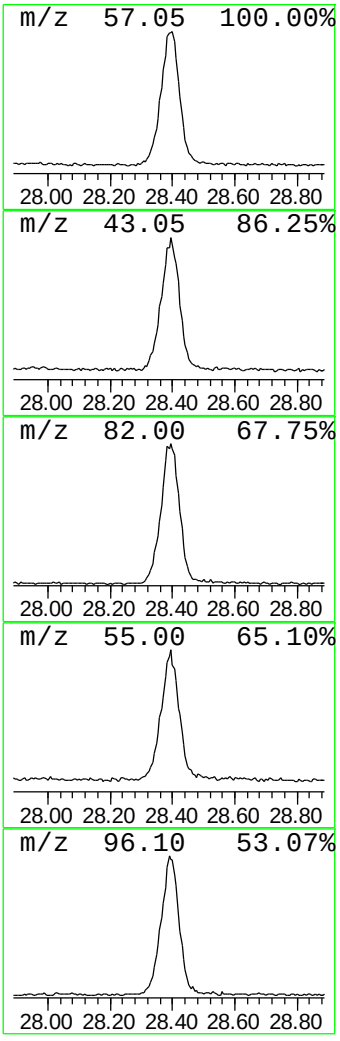
Peak Number 19 Oxirane, hexadecyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.39	55.64 ng	3058790	Perylene-d12	25.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2	1,19-Eicosadiene	278	C20H38	014811-95-1	93
3	Tetradecanal	212	C14H28O	000124-25-4	91
4	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	83
5	Hexadecanal	240	C16H32O	000629-80-1	83





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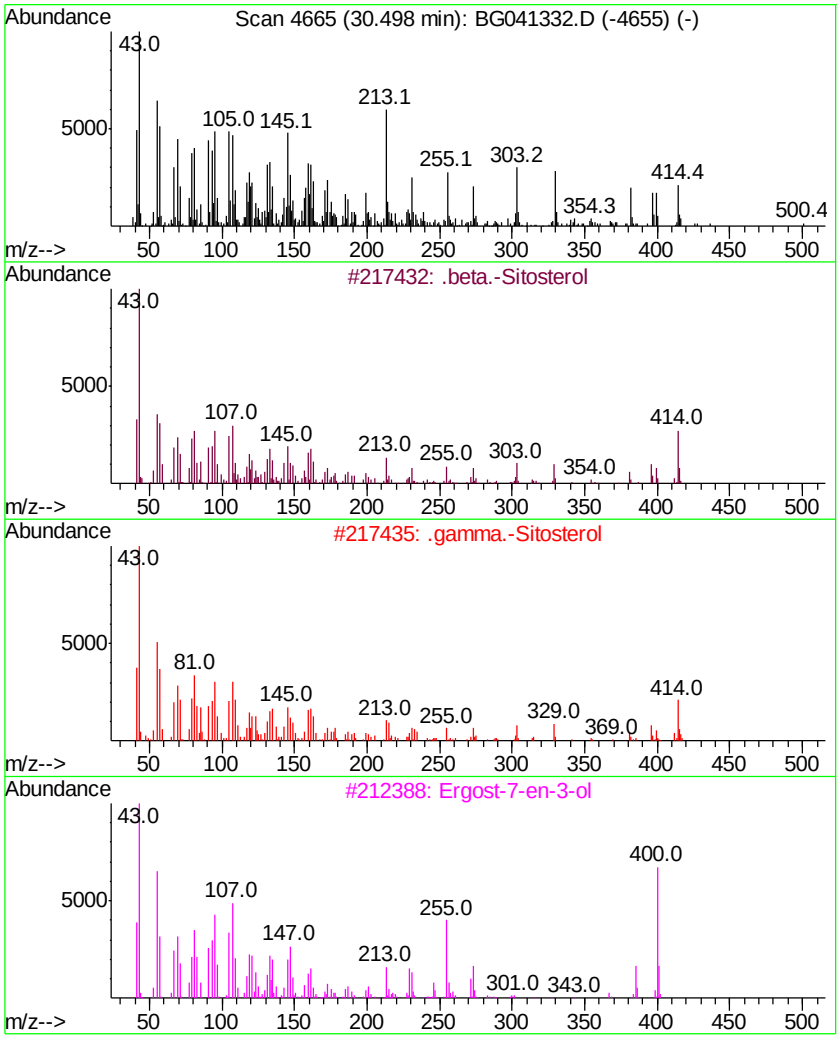
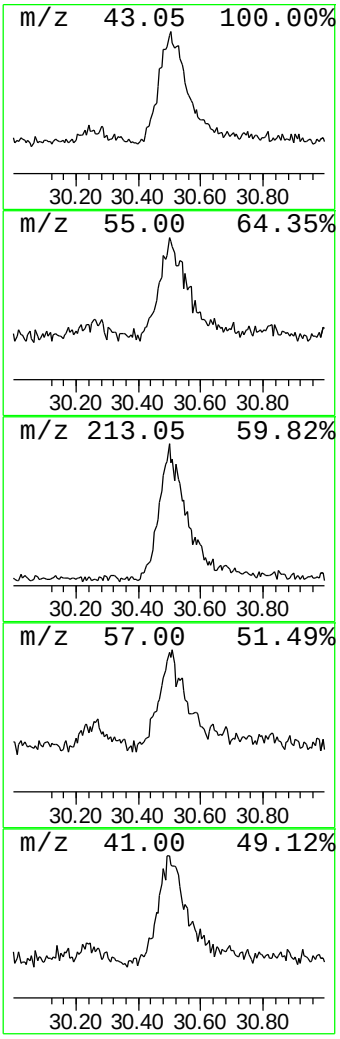
Peak Number 20 .beta.-Sitosterol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.50	29.41 ng	1616800	Perylene-d12	25.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	92
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	64
3	Ergost-7-en-3-ol	400	C28H48O	116179-22-7	47
4	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	46
5	Campesterol	400	C28H48O	000474-62-4	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061919\
Data File : BG041332.D
Acq On : 19 Jun 2019 17:36
Operator : HP/JU
Sample : K3366-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BRANCH-LEAVES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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
unknown7.61	7.61	8.5	ng	177857	1	8.08	416323	20.0
Benzeneethanol, 4...	13.86	10.5	ng	426483	3	14.72	810007	20.0
4-((1E)-3-Hydroxy...	16.85	12.8	ng	794256	4	17.47	1241330	20.0
n-Hexadecanoic acid	18.32	13.9	ng	865091	4	17.47	1241330	20.0
Phytol	19.32	11.3	ng	702321	4	17.47	1241330	20.0
9,12-Octadecadien...	19.45	8.3	ng	512368	4	17.47	1241330	20.0
9,12,15-Octadecat...	19.49	17.1	ng	1063740	4	17.47	1241330	20.0
Heptacosane	22.50	8.7	ng	478366	5	21.74	1098830	20.0
1-Heneicosanol	22.53	22.5	ng	1236650	5	21.74	1098830	20.0
Heneicosane	23.20	7.6	ng	417953	5	21.74	1098830	20.0
1,19-Eicosadiene	23.57	4.2	ng	227994	6	25.06	1099520	20.0
Hexacosane	24.05	234.0	ng	12866100	6	25.06	1099520	20.0
Cyclohexadecane, ...	24.12	7.9	ng	434942	6	25.06	1099520	20.0
2H-1-Benzopyran-6...	24.72	25.4	ng	1397410	6	25.06	1099520	20.0
Tetracosane	24.99	7.0	ng	383867	6	25.06	1099520	20.0
Pentadecanal-	25.54	14.8	ng	810747	6	25.06	1099520	20.0
Docosane	26.19	201.3	ng	11069000	6	25.06	1099520	20.0
Oxirane, hexadecyl-	28.39	55.6	ng	3058790	6	25.06	1099520	20.0
.beta.-Sitosterol	30.50	29.4	ng	1616800	6	25.06	1099520	20.0