LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
Data File : BG043044.D
Acq On : 5 Oct 2019 1:17
Operator : JU
Sample : K5154-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-105D

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-BG092519.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	3.171	7	14	22	rBV2	266174	641937	11.34%	2.172%
2	3.247	22	27	42	rVB	792996	1378481	24.35%	4.664%
3	5.644	429	435	448	rBV	743457	1233777	21.79%	4.174%
4	7.231	697	705	718	rBV2	514894	1041924	18.40%	3.525%
5	7.601	760	768	779	rBV	1141940	1988111	35.12%	6.726%
6	8.059	840	846	853	rBV	226195	385603	6.81%	1.305%
7	8.388	893	902	910	rBV	766491	1365587	24.12%	4.620%
8	9.223	1035	1044	1054	rBV	676181	1250261	22.08%	4.230%
9	10.868	1316	1324	1336	rVB	273837	509647	9.00%	1.724%
10	11.773	1470	1478	1483	rBV	34461	71914	1.27%	0.243%
11	13.306	1730	1739	1750	rBV	1913590	2955887	52.21%	10.001%
12	14.129	1870	1879	1887	rBV	279602	407966	7.21%	1.380%
13	14.217	1889	1894	1899	rVB2	67172	97109	1.72%	0.329%
14	14.681	1959	1973	1982	rBV	484403	785963	13.88%	2.659%
15	16.167	2216	2226	2235	rBV	1914253	2929625	51.75%	9.912%
16	17.425	2433	2440	2451	rBV	639894	1002997	17.72%	3.393%
17	18.318	2586	2592	2606	rBV	534005	729491	12.88%	2.468%
18	19.581	2802	2807	2819	rBV	166371	249248	4.40%	0.843%
19	20.033	2877	2884	2890	rBV	4238518	5661630	100.00%	19.155%
20	21.338	3101	3106	3117	rBV	350954	717933	12.68%	2.429%
21	21.690	3160	3166	3173	rBV	743195	1215601	21.47%	4.113%
22	21.884	3195	3199	3203	rBV	71815	103547	1.83%	0.350%
23	22.495	3298	3303	3307	rBV2	119688	180091	3.18%	0.609%
24	23.189	3415	3421	3429	rVB	156519	283937	5.02%	0.961%
25	23.999	3552	3559	3566	rVB	162596	345549	6.10%	1.169%
26	24.910	3704	3714	3730	rVB2	457059	1628753	28.77%	5.511%
27	26.079	3904	3913	3923	rBV5	110204	334872	5.91%	1.133%
28	27.431	4138	4143	4144	rBV4	35784	59159	1.04%	0.200%

Sum of corrected areas: 29556600

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
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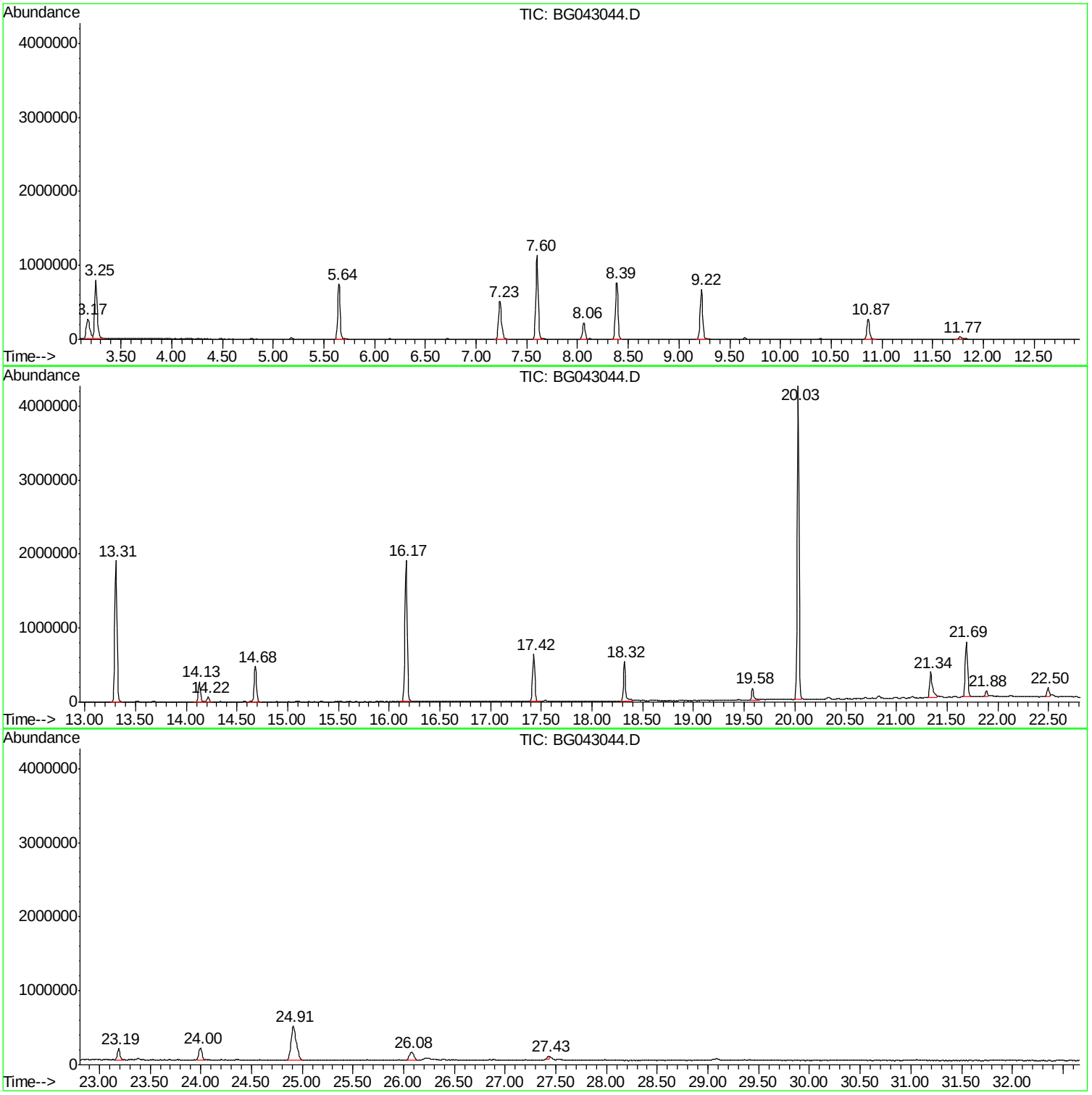
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-105D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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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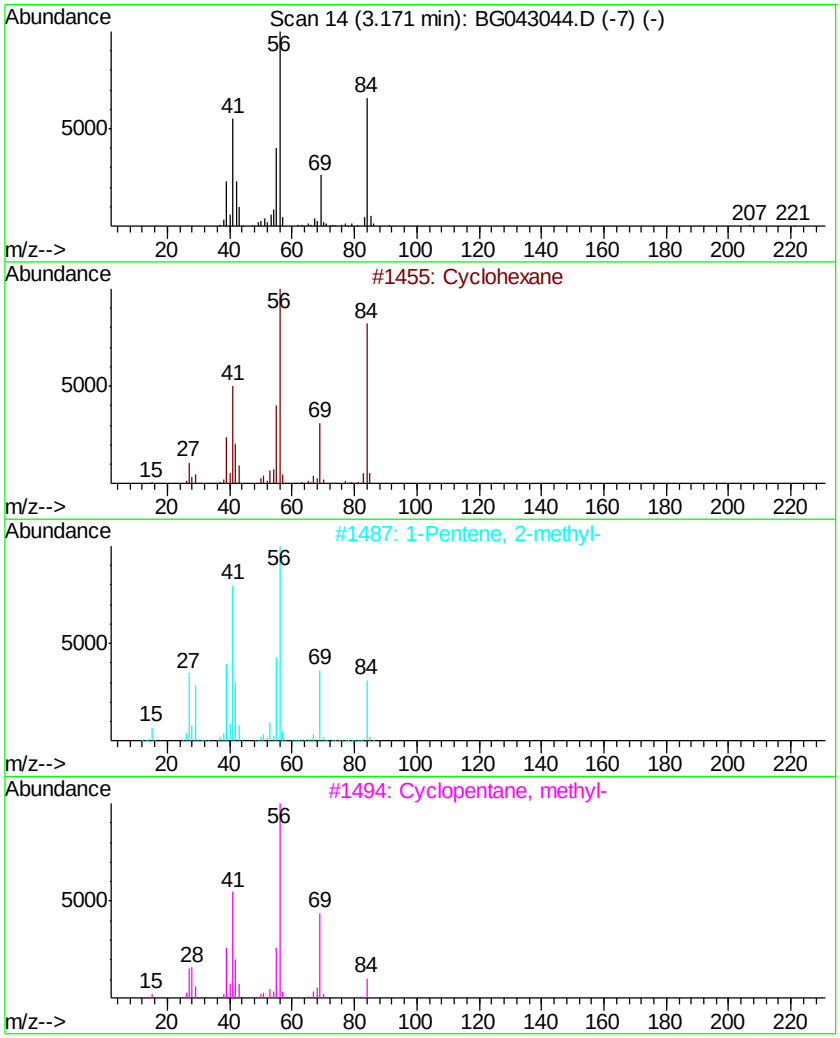
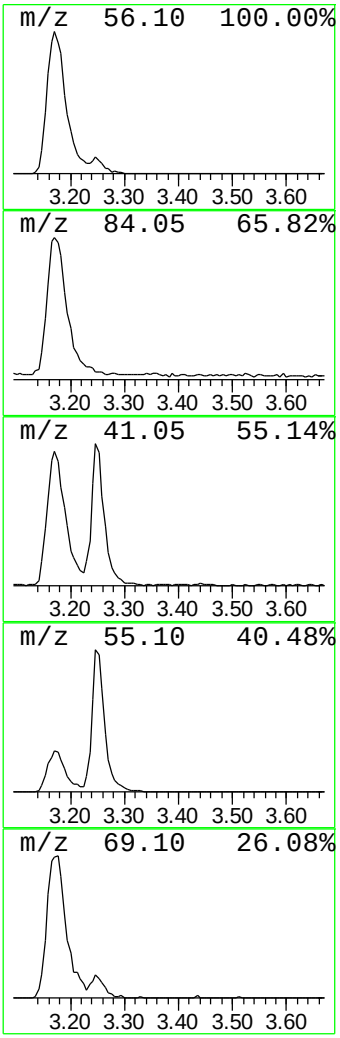
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	33.30 ng	641937	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	95
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	53
4	1-Hexene	84	C6H12	000592-41-6	53
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	47





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Instrument : BNA_G
ClientSampleId : MW-105D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

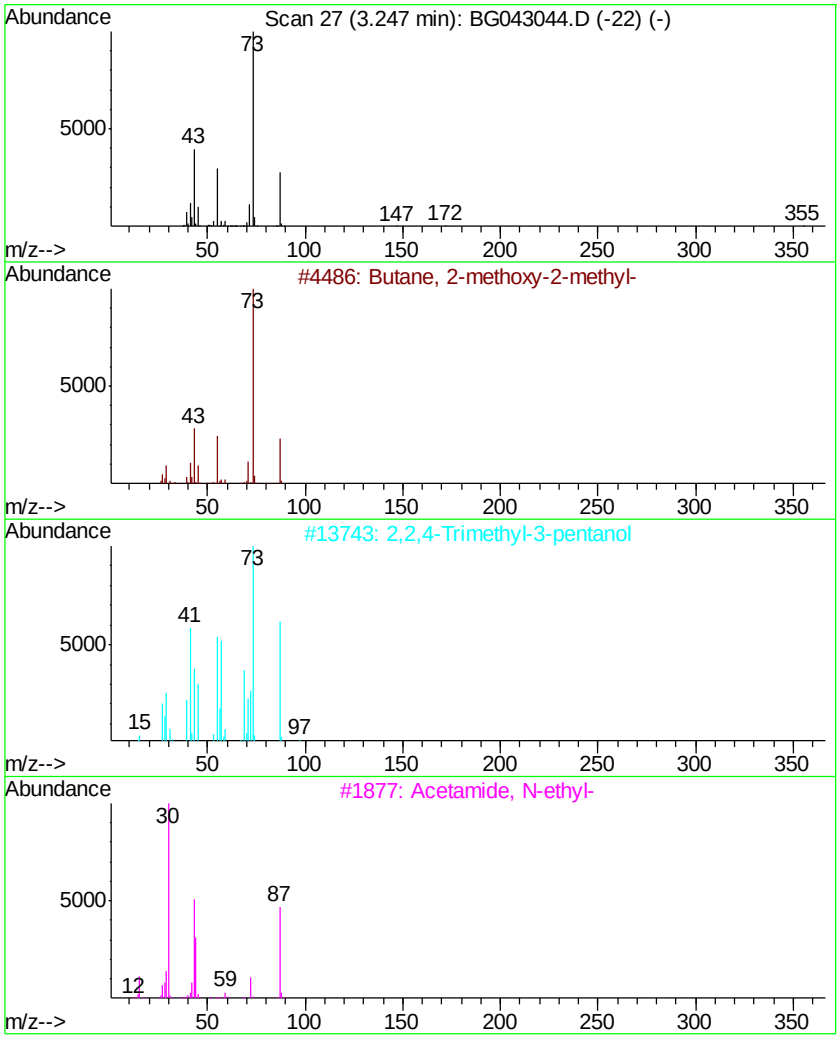
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

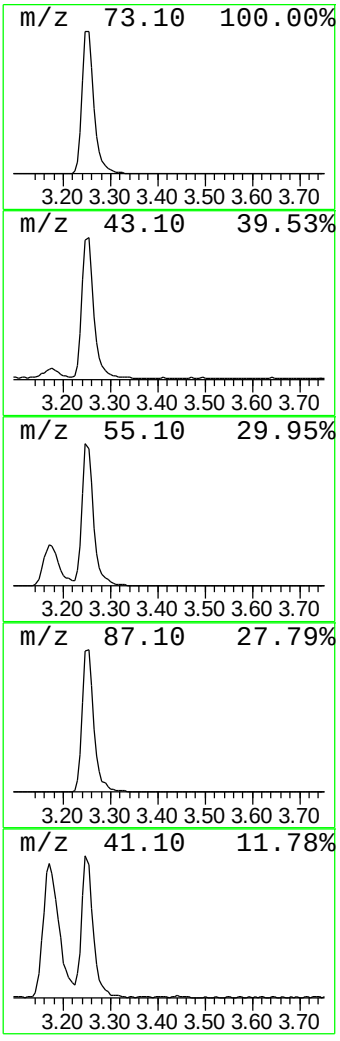
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.25	71.50 ng	1378480	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : MW-105D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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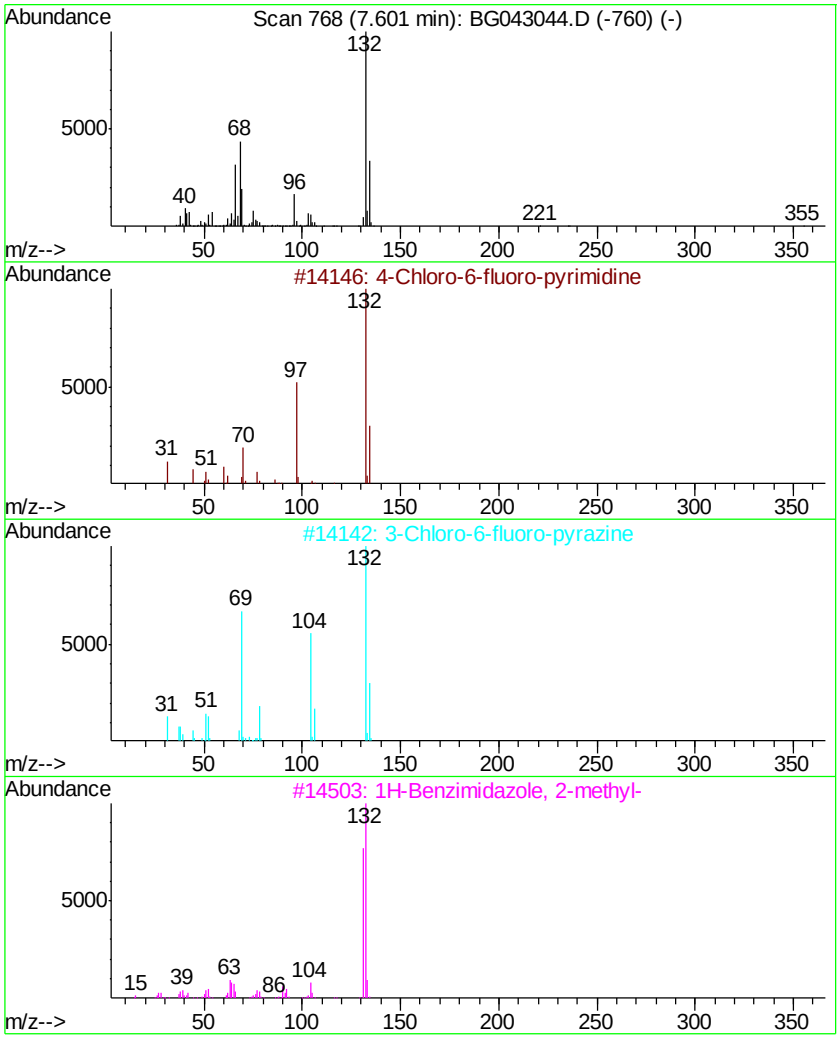
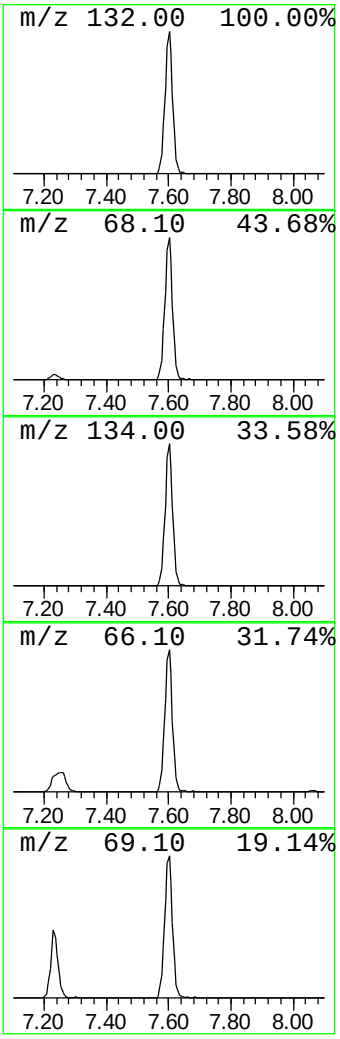
****

Peak Number 3 unknown7.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	103.12 ng	1988110	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-105D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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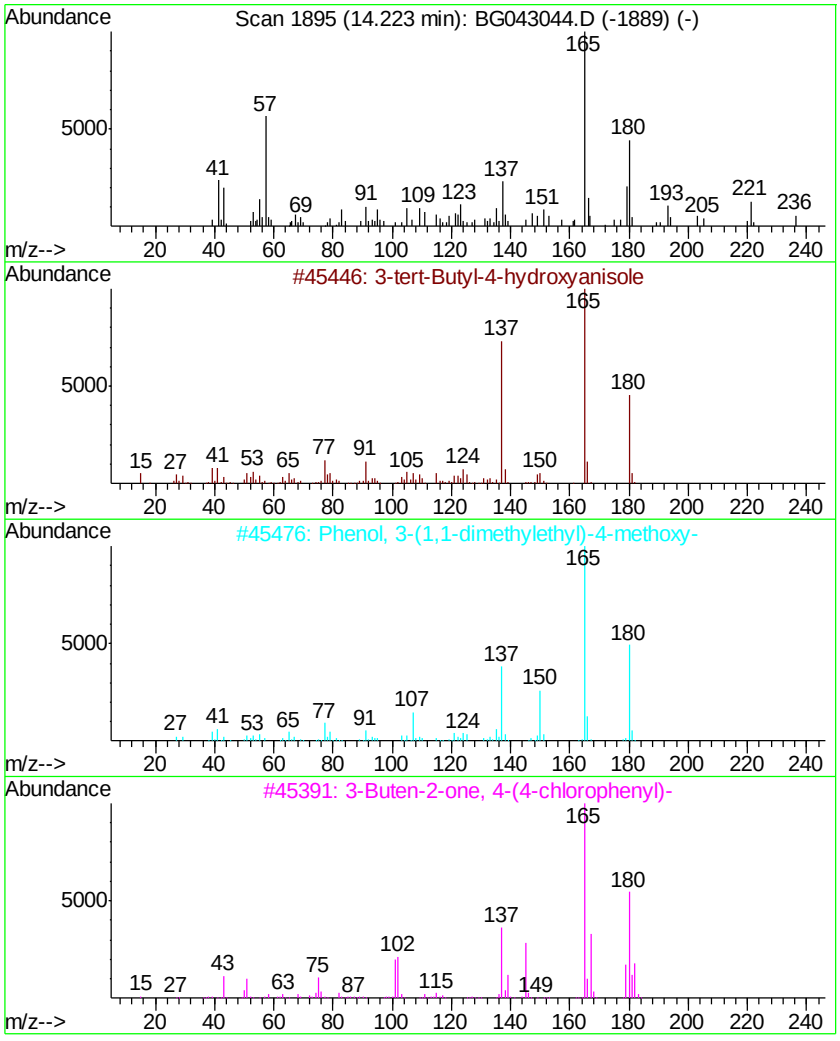
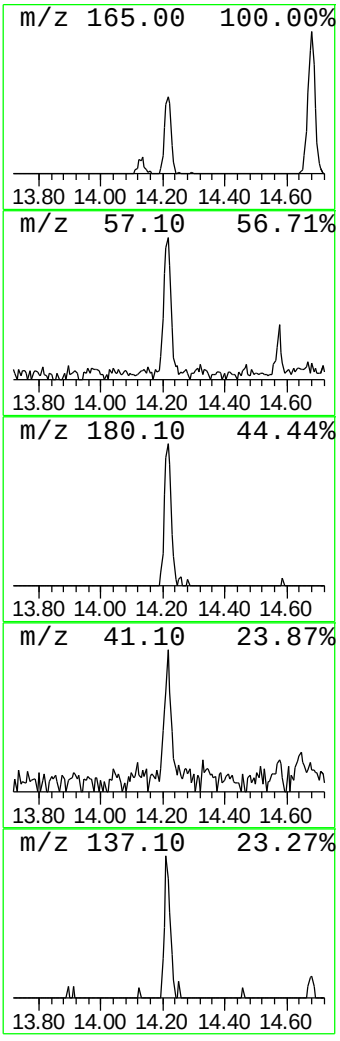
****

Peak Number 5 3-tert-Butyl-4-hydroxyanisole Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	2.47 ng	97109	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-tert-Butyl-4-hydroxyanisole	180	C11H16O2	000121-00-6	60
2	Phenol, 3-(1,1-dimethylethyl)-4-...	180	C11H16O2	000088-32-4	58
3	3-Buten-2-one, 4-(4-chlorophenyl)-	180	C10H9ClO	003160-40-5	53
4	N-Ethyl-2-methyl-4-nitroaniline	180	C9H12N2O2	088374-25-8	53
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	52





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Instrument : BNA_G
ClientSampleId : MW-105D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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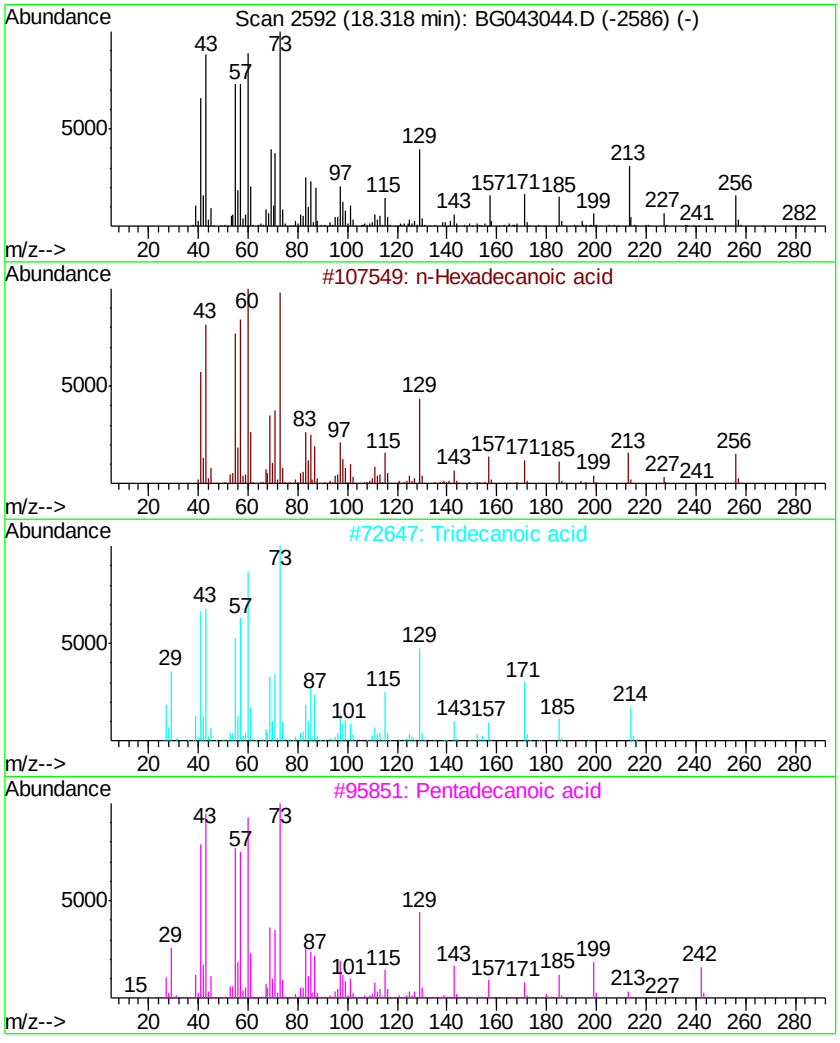
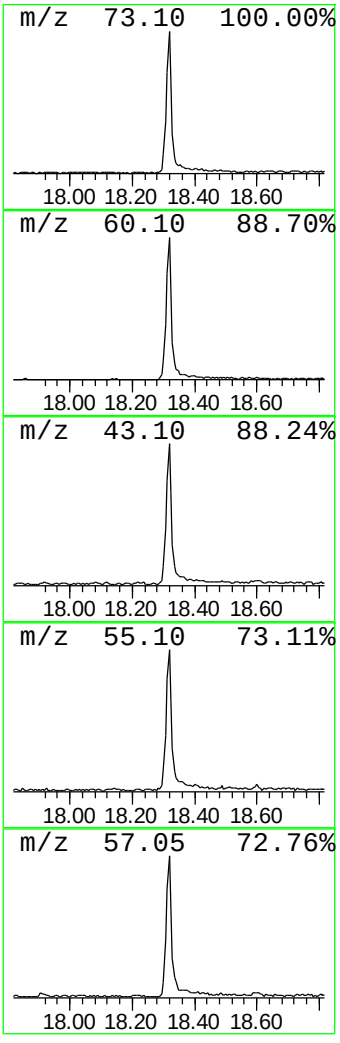
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	14.55 ng	729491	Phenanthrene-d10	17.42

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	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Dodecanoic acid	200	C12H24O2	000143-07-7	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : MW-105D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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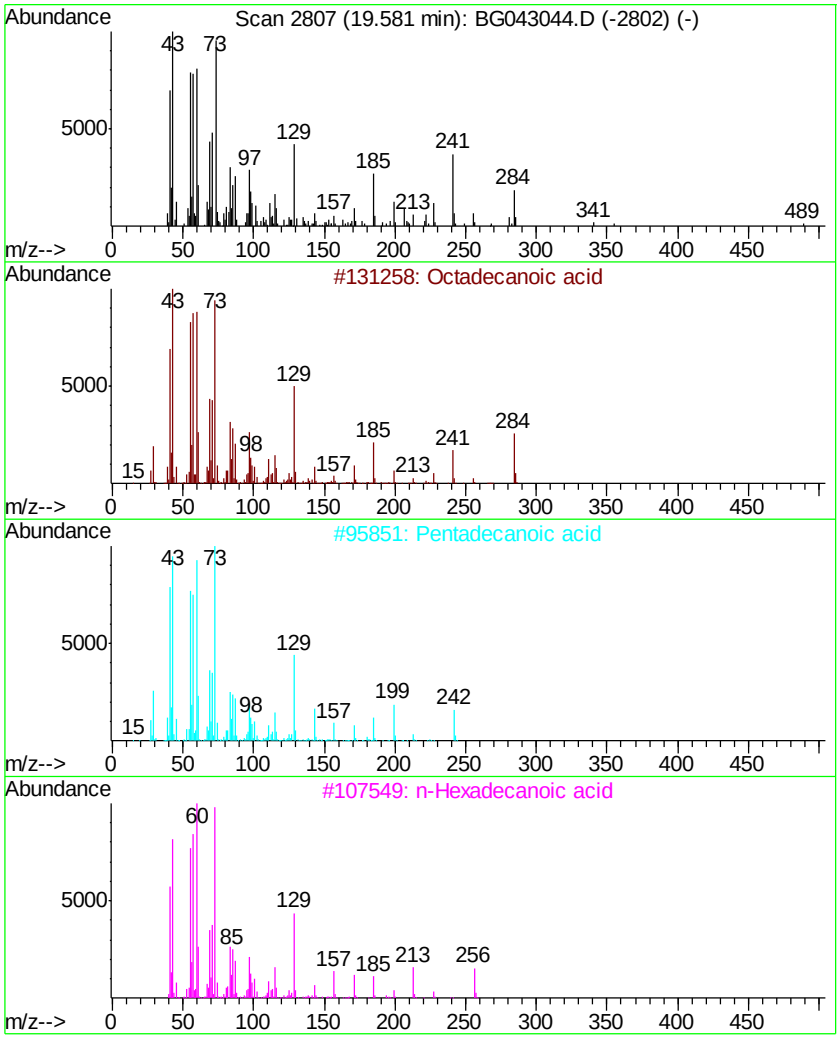
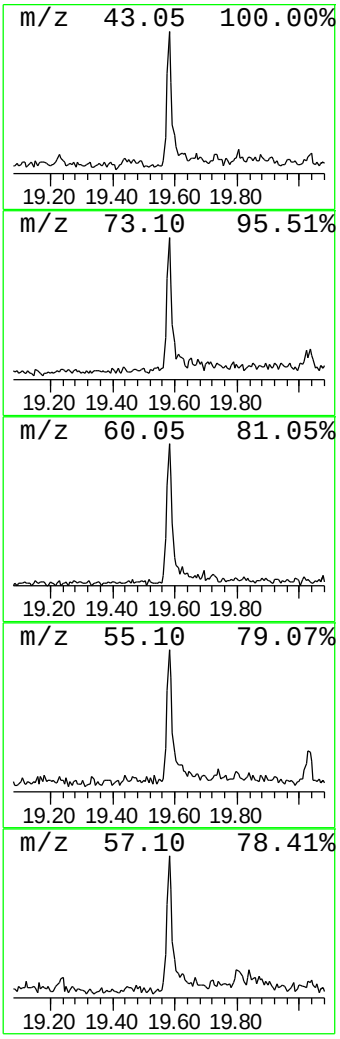
Peak Number 7 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.58	4.10 ng	249248	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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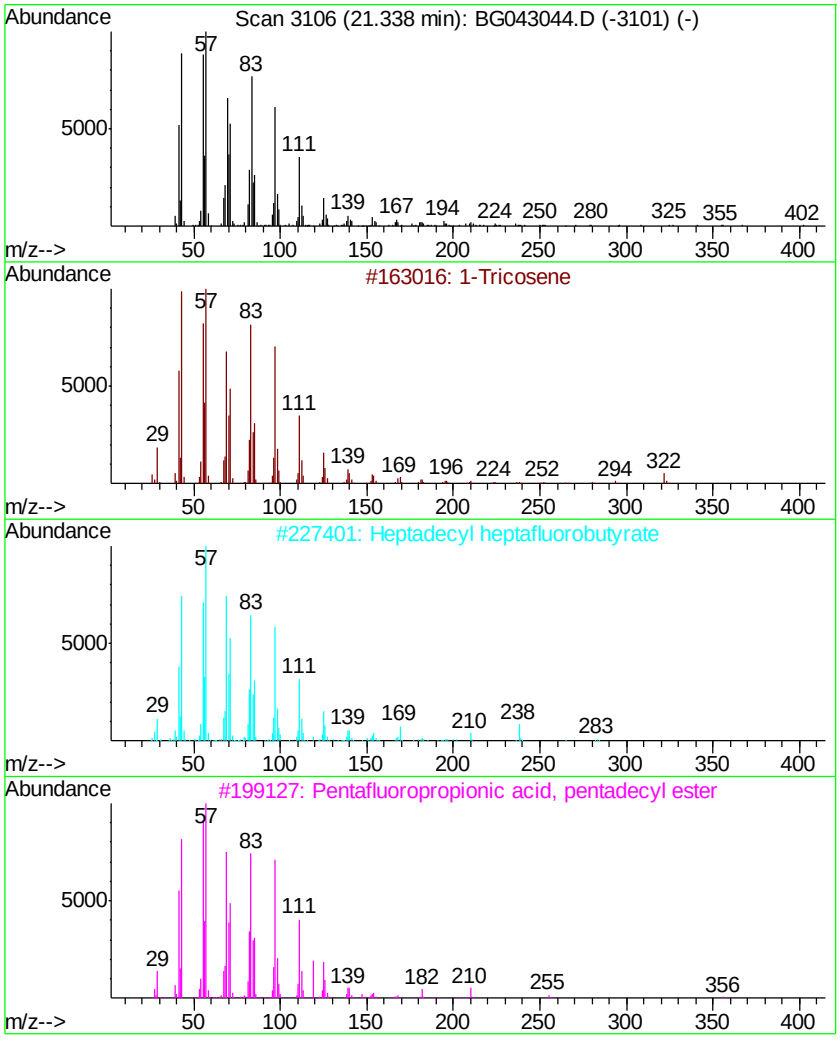
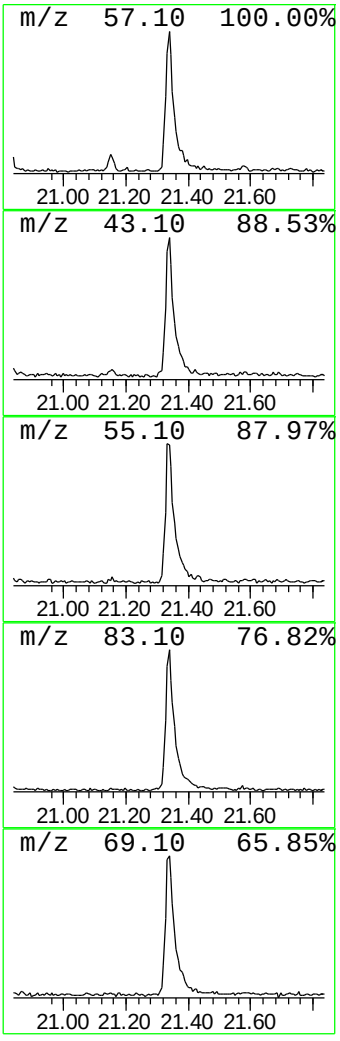
****

Peak Number 8 1-Tricosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	11.81 ng	717933	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4	Cyclotetracosane	336	C24H48	000297-03-0	94
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	94





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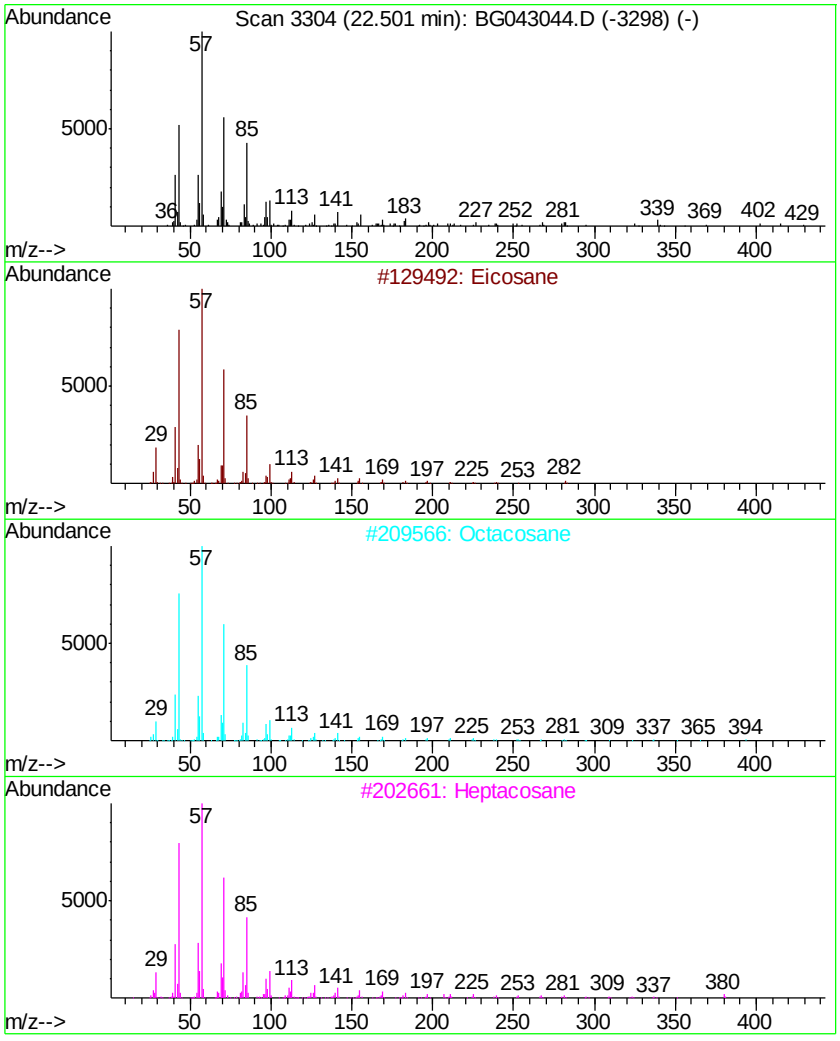
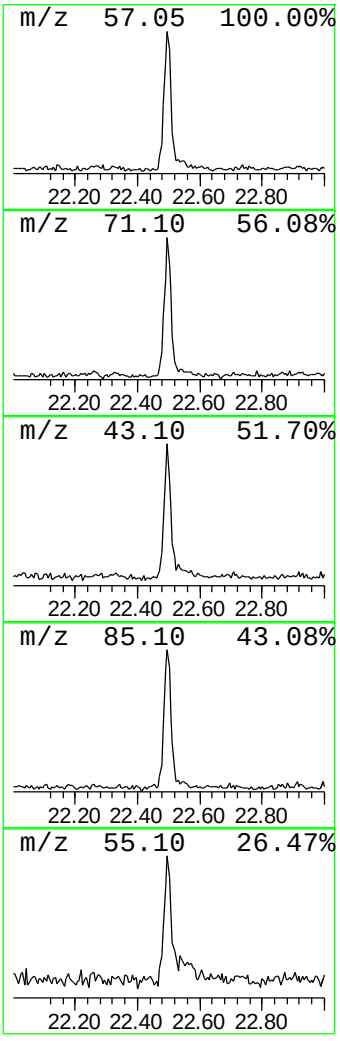
Peak Number 9 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	2.96 ng	180091	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Octacosane	394	C28H58	000630-02-4	87
3	Heptacosane	380	C27H56	000593-49-7	87
4	Docosane	310	C22H46	000629-97-0	87
5	Heneicosane	296	C21H44	000629-94-7	87





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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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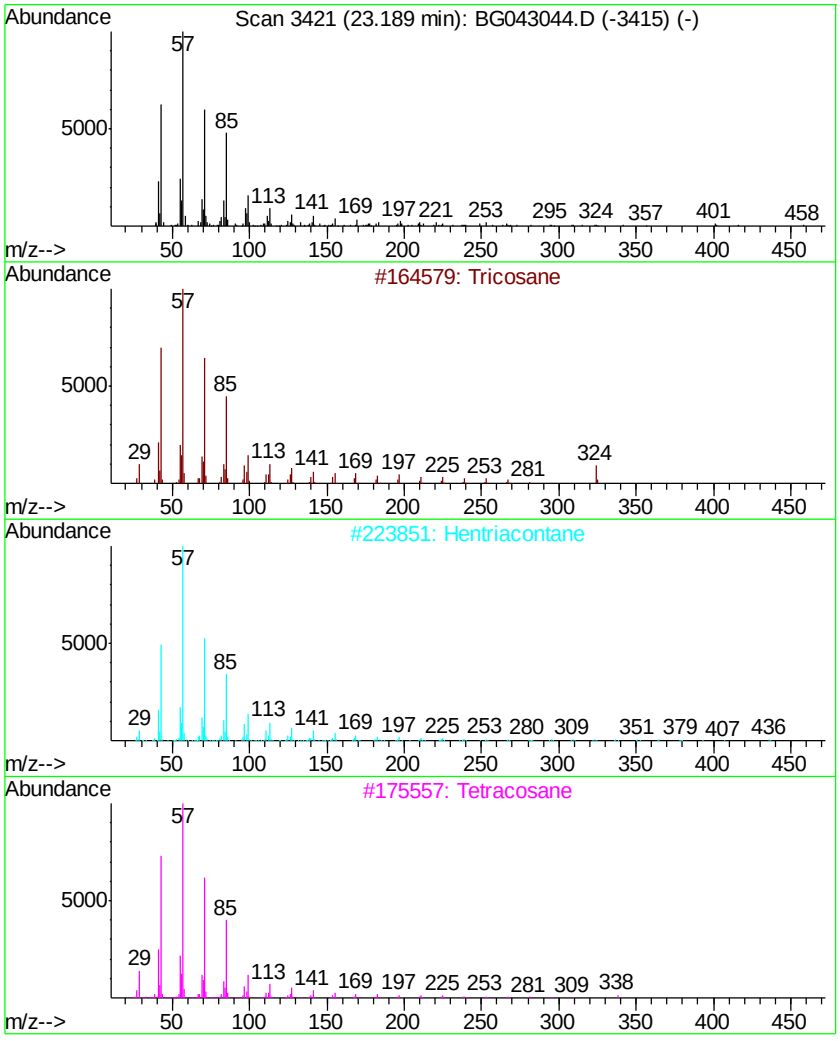
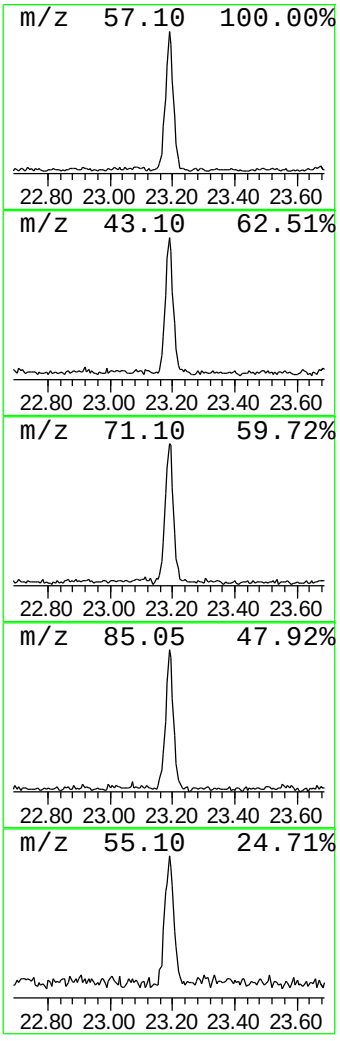
Peak Number 10 Tricosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	4.67 ng	283937	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	93
2	Hentriacontane	437	C31H64	000630-04-6	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Octacosane	394	C28H58	000630-02-4	90





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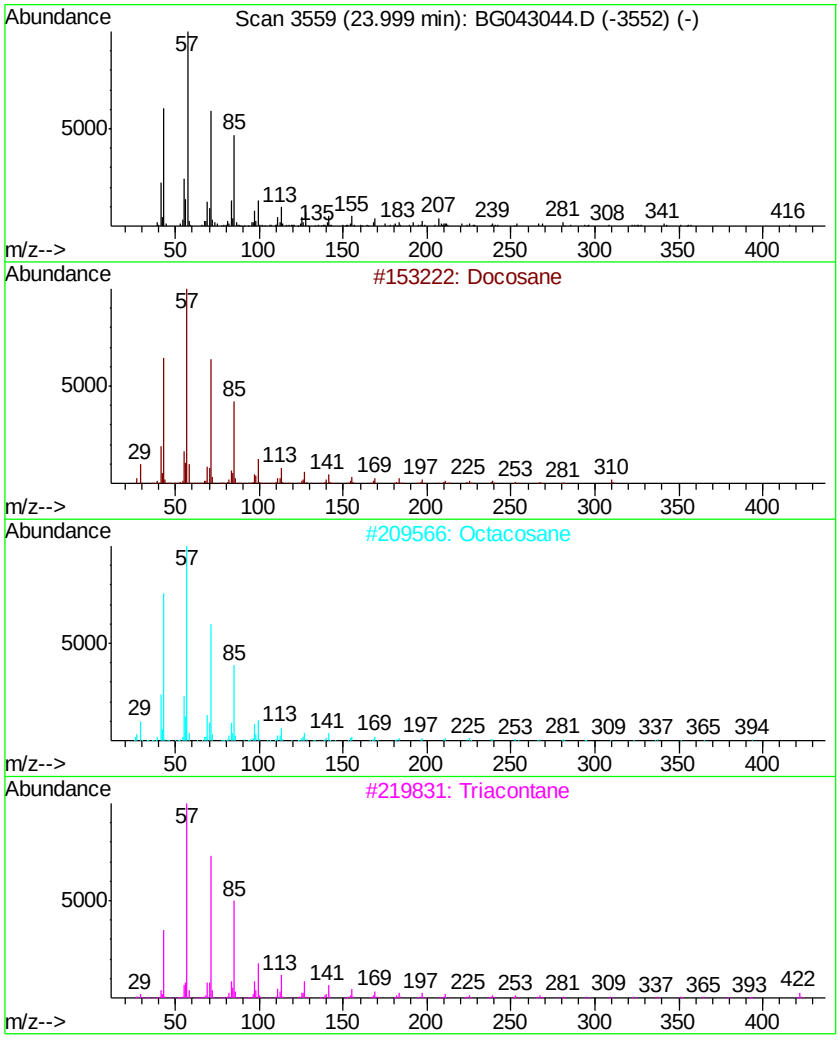
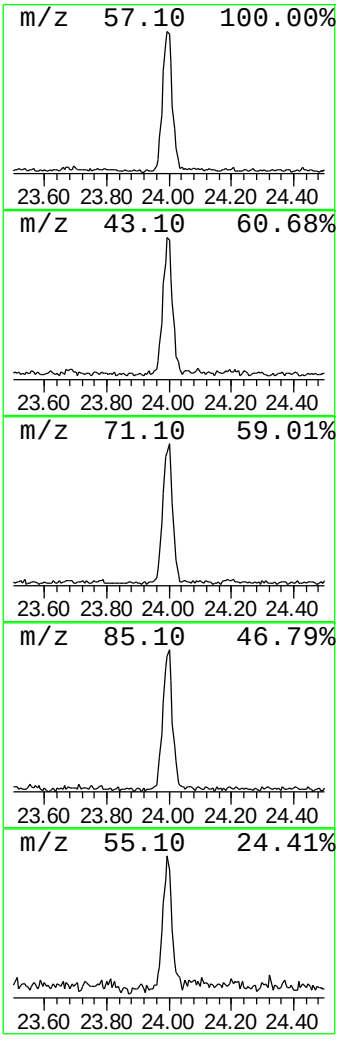
****

Peak Number 11 Docosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	4.24 ng	345549	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Triacontane	422	C30H62	000638-68-6	90
4	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	89
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
Data File : BG043044.D
Acq On : 5 Oct 2019 1:17
Operator : JU
Sample : K5154-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-105D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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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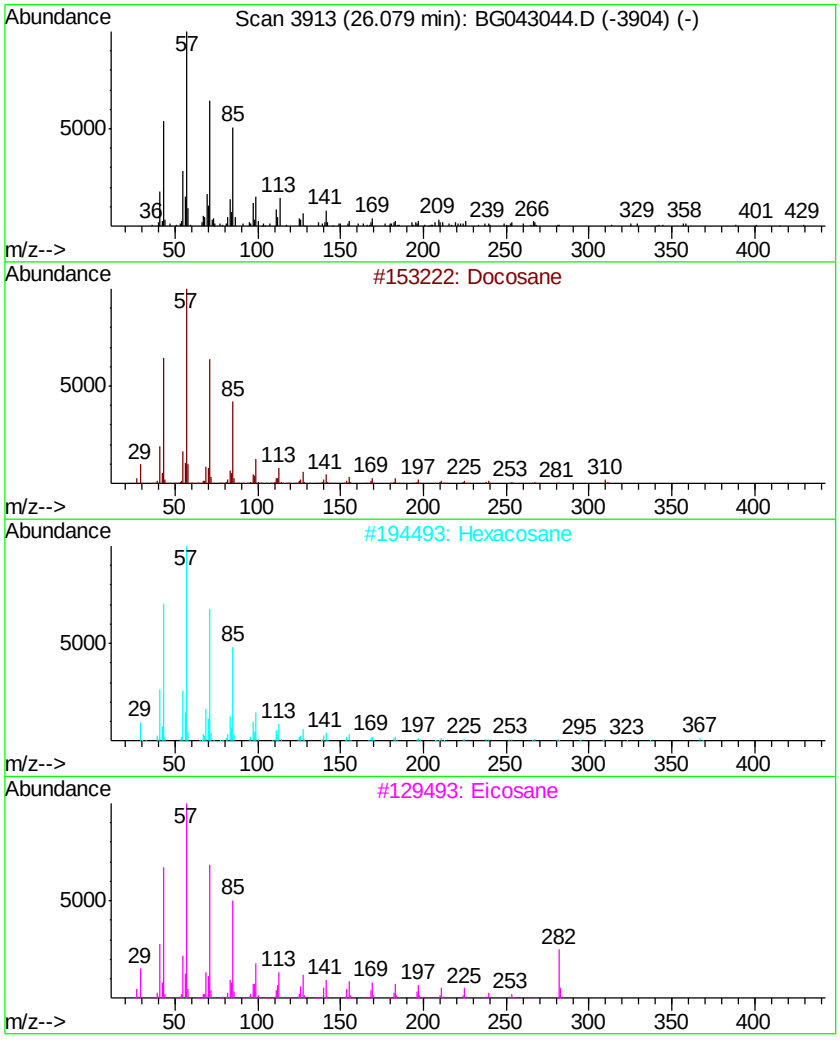
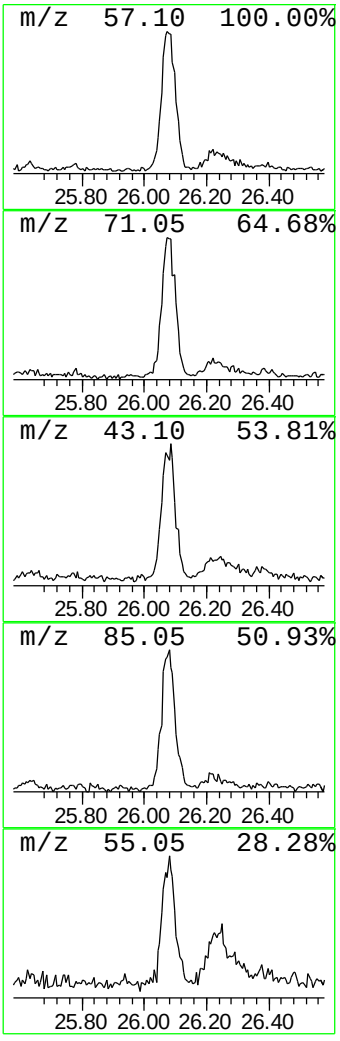
Peak Number 12 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.08	4.11 ng	334872	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Eicosane	282	C20H42	000112-95-8	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Hexatriacontane	507	C36H74	000630-06-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100419\
Data File : BG043044.D
Acq On : 5 Oct 2019 1:17
Operator : JU
Sample : K5154-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-105D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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
1-Pentene, 2-methyl-	3.17	33.3	ng	641937	1	8.07	385603	20.0
Butane, 2-methoxy...	3.25	71.5	ng	1378480	1	8.07	385603	20.0
unknown7.60	7.60	103.1	ng	1988110	1	8.07	385603	20.0
3-tert-Butyl-4-hy...	14.22	2.5	ng	97109	3	14.68	785963	20.0
n-Hexadecanoic acid	18.32	14.6	ng	729491	4	17.42	1003000	20.0
Octadecanoic acid	19.58	4.1	ng	249248	5	21.69	1215600	20.0
1-Tricosene	21.34	11.8	ng	717933	5	21.69	1215600	20.0
Eicosane	22.50	3.0	ng	180091	5	21.69	1215600	20.0
Tricosane	23.19	4.7	ng	283937	5	21.69	1215600	20.0
Docosane	24.00	4.2	ng	345549	6	24.91	1628750	20.0
Hexacosane	26.08	4.1	ng	334872	6	24.91	1628750	20.0