LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101819\
Data File : BG043280.D
Acq On : 18 Oct 2019 18:06
Operator : JU
Sample : K5406-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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	3.133	3	7	15	rVB	150616	302849	8.81%	1.212%
2	3.209	15	20	36	rVB	845858	1395174	40.57%	5.584%
3	5.618	422	430	446	rBV	467534	860835	25.03%	3.446%
4	7.210	693	701	713	rBV2	337392	736378	21.41%	2.947%
5	7.575	754	763	774	rBV	750965	1356337	39.44%	5.429%
6	8.033	831	841	850	rBV	160068	292279	8.50%	1.170%
7	8.362	888	897	903	rBV	536089	955122	27.77%	3.823%
8	8.409	903	905	915	rVB	38844	61762	1.80%	0.247%
9	9.196	1032	1039	1055	rVB	385096	822803	23.93%	3.293%
10	9.619	1107	1111	1115	rBV	25835	38414	1.12%	0.154%
11	9.672	1115	1120	1126	rVB2	22275	39064	1.14%	0.156%
12	10.242	1211	1217	1222	rBV4	37694	72541	2.11%	0.290%
13	10.841	1309	1319	1334	rBV	184331	413643	12.03%	1.656%
14	11.423	1413	1418	1424	rBV5	20444	38614	1.12%	0.155%
15	11.758	1469	1475	1482	rVB3	18277	38655	1.12%	0.155%
16	11.946	1494	1507	1513	rBV2	46820	103350	3.01%	0.414%
17	12.287	1561	1565	1574	rBV9	17758	51137	1.49%	0.205%
18	12.387	1574	1582	1590	rVB3	43125	86695	2.52%	0.347%
19	12.710	1627	1637	1651	rBV	202711	428568	12.46%	1.715%
20	13.286	1724	1735	1746	rBV	1280215	2060437	59.91%	8.247%
21	13.832	1824	1828	1834	rVB10	22580	41633	1.21%	0.167%
22	13.985	1849	1854	1860	rBV6	54209	112700	3.28%	0.451%
23	14.108	1870	1875	1883	rBV	163836	247276	7.19%	0.990%
24	14.220	1889	1894	1897	rBV3	34564	58192	1.69%	0.233%
25	14.249	1897	1899	1904	rVB6	29259	44265	1.29%	0.177%
26	14.384	1916	1922	1930	rBV2	57851	109349	3.18%	0.438%
27	14.472	1930	1937	1949	rVB2	18646	50843	1.48%	0.204%
28	14.660	1962	1969	1976	rBV	368316	647993	18.84%	2.594%
29	15.277	2071	2074	2083	rVB8	40058	91437	2.66%	0.366%
30	15.489	2106	2110	2115	rBV7	29794	47620	1.38%	0.191%
31	15.589	2122	2127	2136	rVB4	70705	183773	5.34%	0.736%
32	15.700	2142	2146	2153	rBV2	48950	89927	2.61%	0.360%
33	15.835	2165	2169	2179	rVB5	65988	160170	4.66%	0.641%
34	16.047	2199	2205	2211	rBV	171915	348082	10.12%	1.393%

LSC Area Percent Report

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Acq On : 18 Oct 2019 18:06
Operator : JU
Sample : K5406-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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

35	16.153	2217	2223	2230	rBV	1147040	1775901	51.64%	7.108%
36	16.294	2244	2247	2250	rBV2	43115	53839	1.57%	0.215%
37	17.404	2431	2436	2446	rBV2	442608	732289	21.29%	2.931%
38	18.309	2585	2590	2598	rBV	723445	1084571	31.54%	4.341%
39	19.572	2801	2805	2814	rBV	434692	622560	18.10%	2.492%
40	20.019	2875	2881	2890	rBV	2498171	3439068	100.00%	13.765%
41	21.323	3099	3103	3113	rVB	234619	380100	11.05%	1.521%
42	21.676	3158	3163	3173	rVB	480657	839601	24.41%	3.361%
43	21.870	3192	3196	3201	rVB2	132564	182340	5.30%	0.730%
44	22.475	3294	3299	3310	rVB	196161	369987	10.76%	1.481%
45	23.162	3410	3416	3424	rVB	253687	472832	13.75%	1.893%
46	23.967	3546	3553	3561	rVB	244425	517327	15.04%	2.071%
47	24.901	3701	3712	3724	rVB3	455695	1431023	41.61%	5.728%
48	26.035	3896	3905	3914	rVB2	143466	431588	12.55%	1.727%
49	27.375	4125	4133	4146	rVB4	73788	263122	7.65%	1.053%

Sum of corrected areas: 24984065

LSC Report - Integrated Chromatogram

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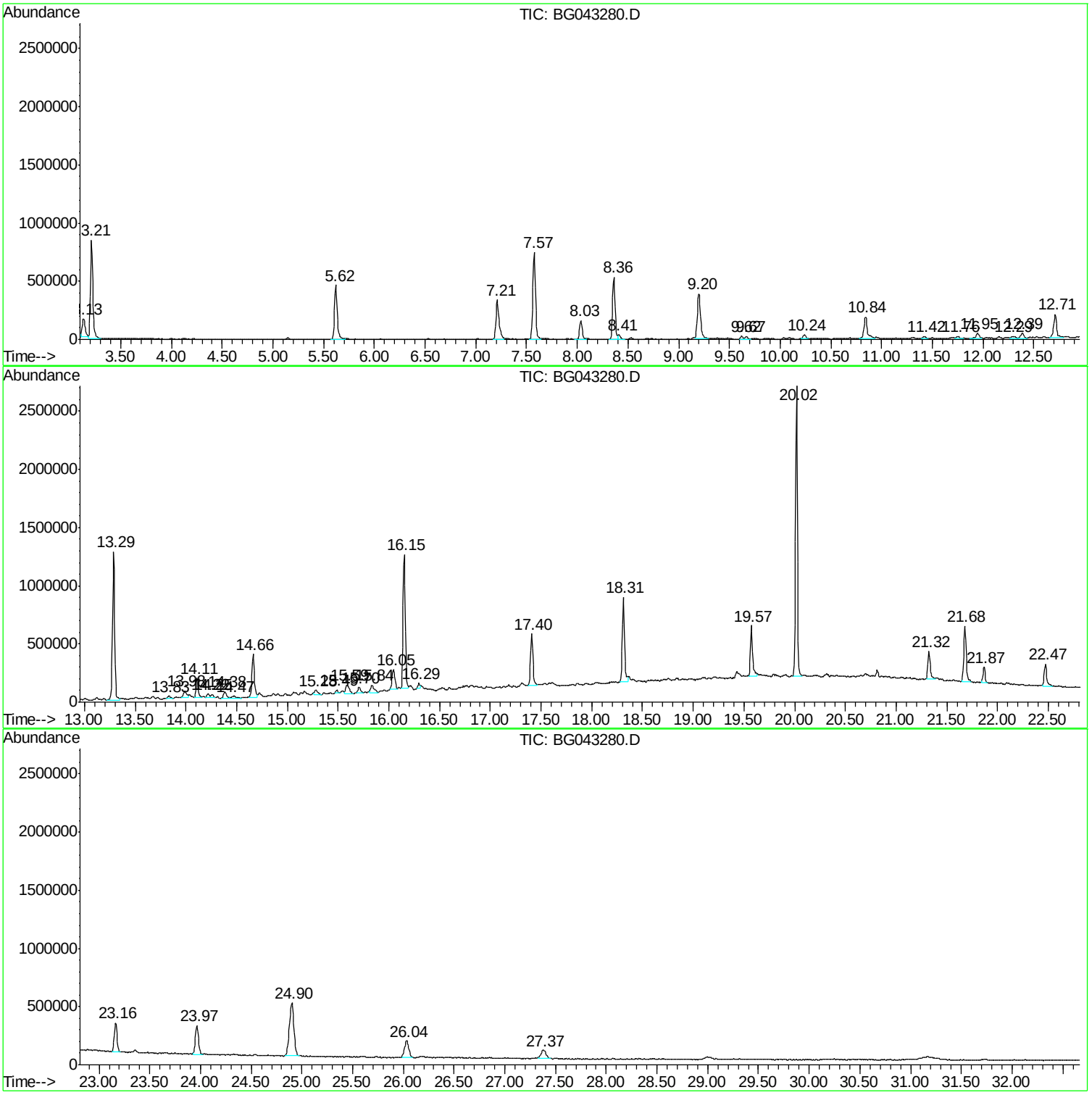
Data File : BG043280.D
Acq On : 18 Oct 2019 18:06
Operator : JU
Sample : K5406-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101819\
Data File : BG043280.D
Acq On : 18 Oct 2019 18:06
Operator : JU
Sample : K5406-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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

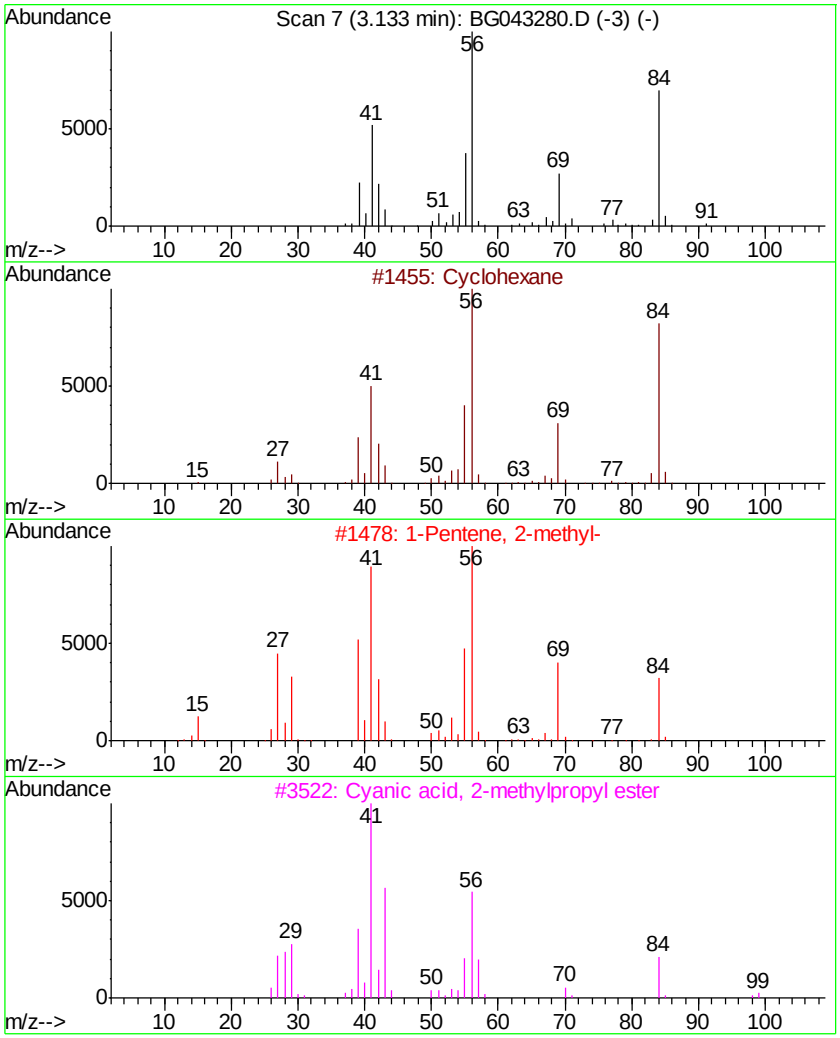
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

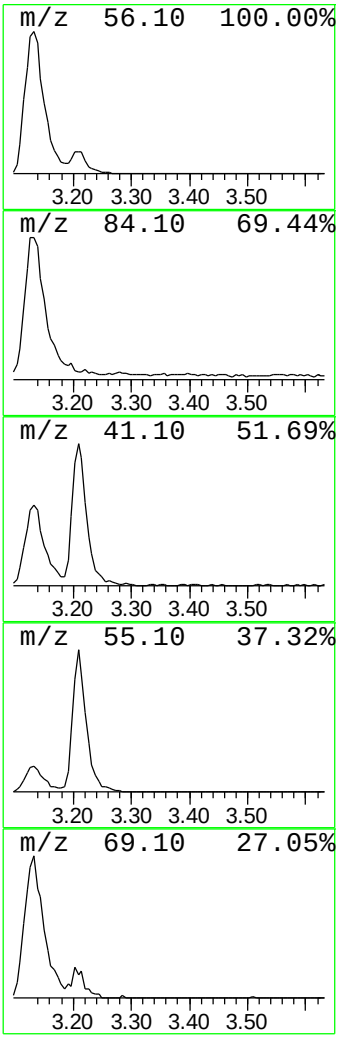
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	20.72 ng	302849	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78
3	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	64
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	59
5	2-Acetylpiperidine	127	C7H13NO	097073-22-8	45





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Data File : BG043280.D
Acq On : 18 Oct 2019 18:06
Operator : JU
Sample : K5406-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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

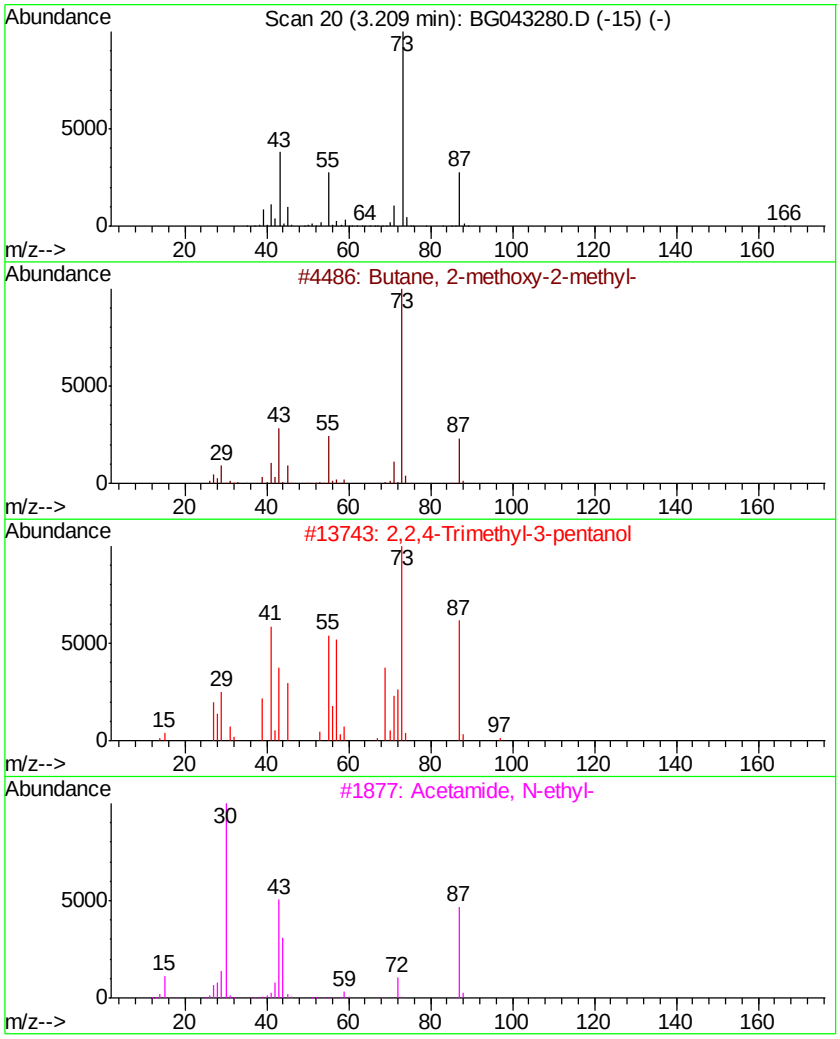
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

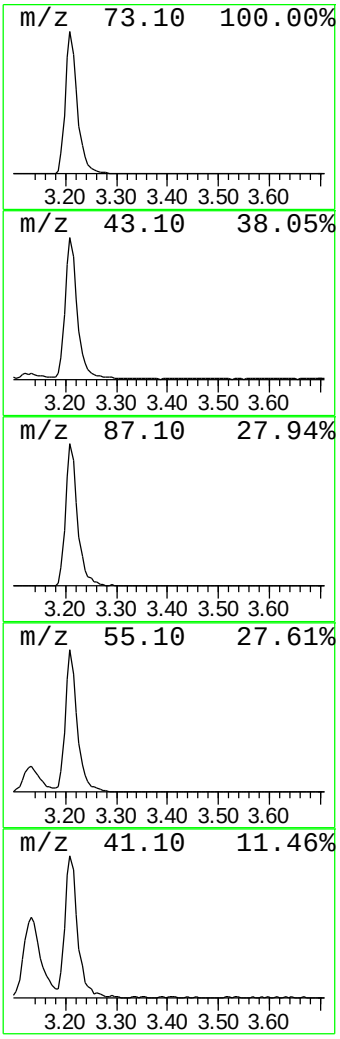
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	95.47 ng	1395170	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101819\
Data File : BG043280.D
Acq On : 18 Oct 2019 18:06
Operator : JU
Sample : K5406-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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

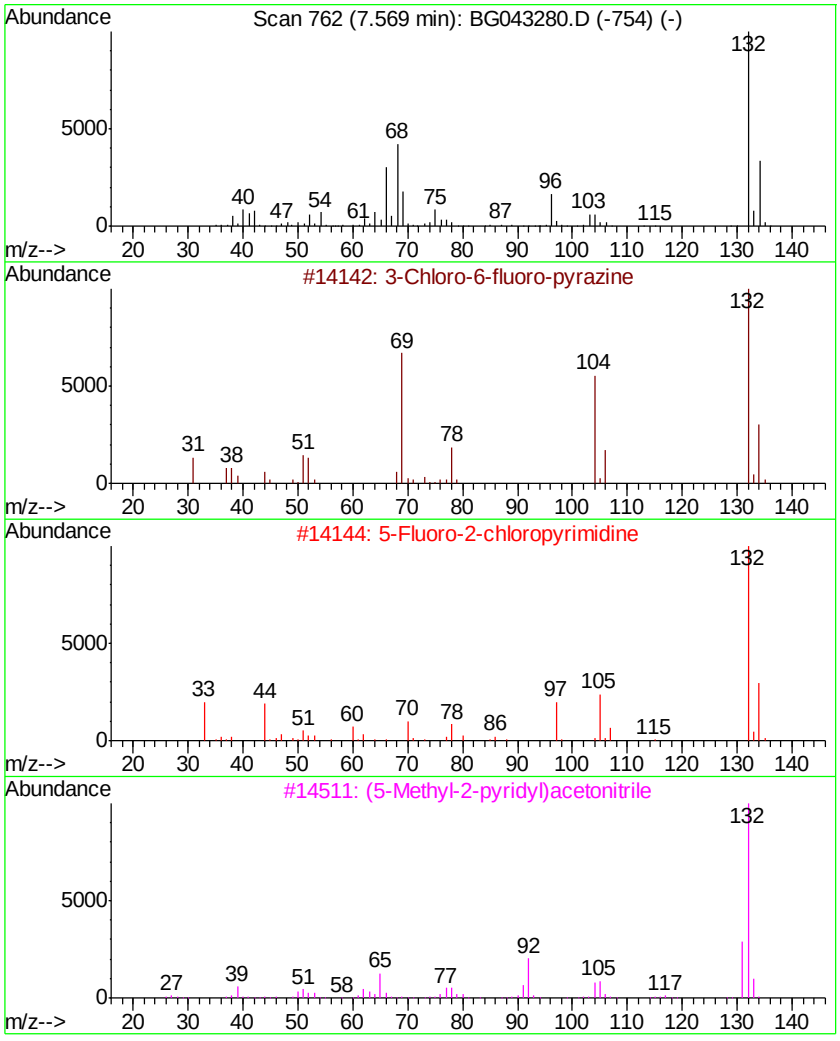
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

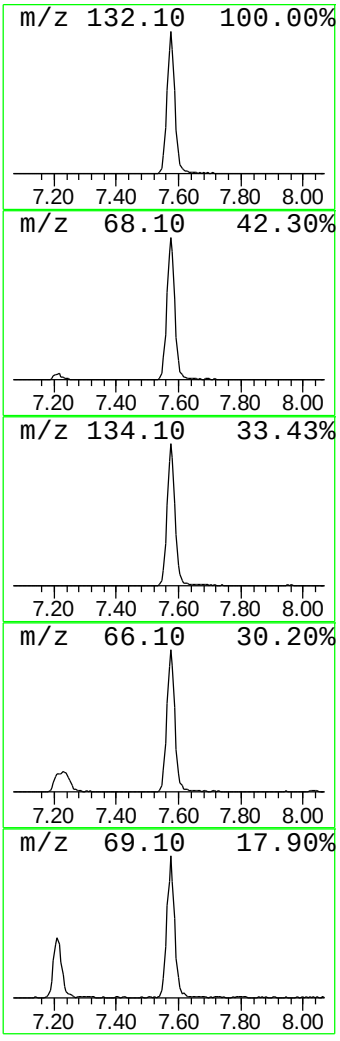
****

Peak Number 3 unknown7.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	92.81 ng	1356340	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Sample : K5406-01
Misc :
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Instrument : BNA_G
ClientSampleId : MW-18

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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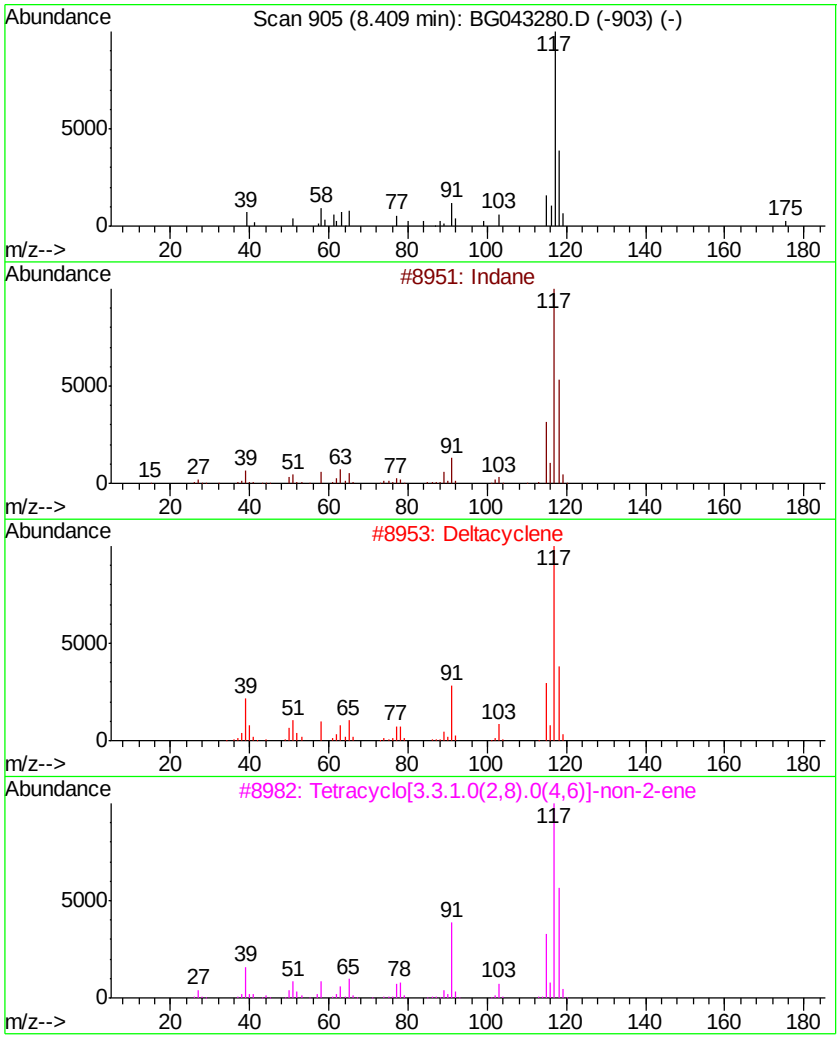
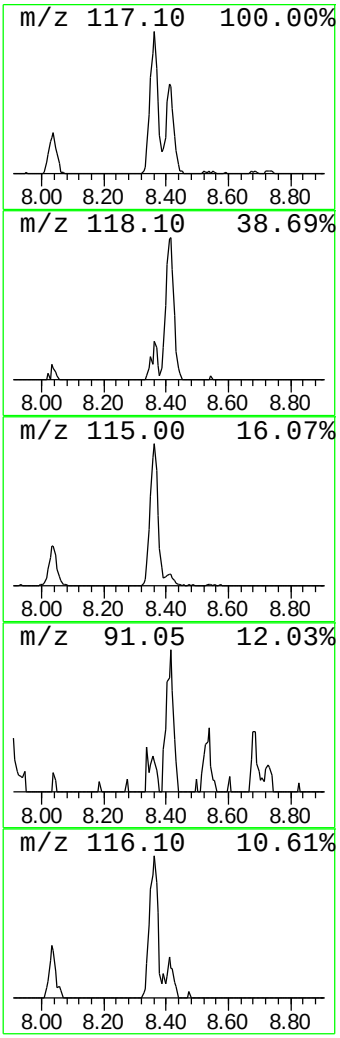
****

Peak Number 5 Indane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	4.23 ng	61762	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	80
2	Deltacyclene	118	C9H10	007785-10-6	80
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	59
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101819\
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Acq On : 18 Oct 2019 18:06
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Sample : K5406-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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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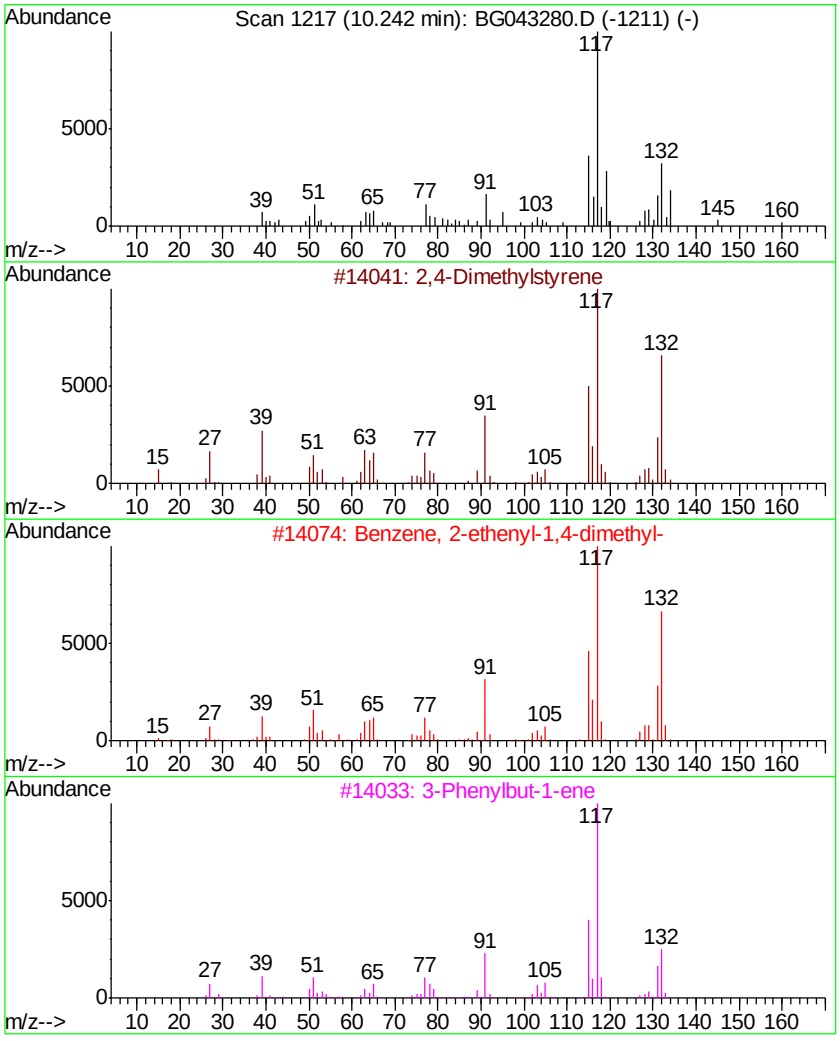
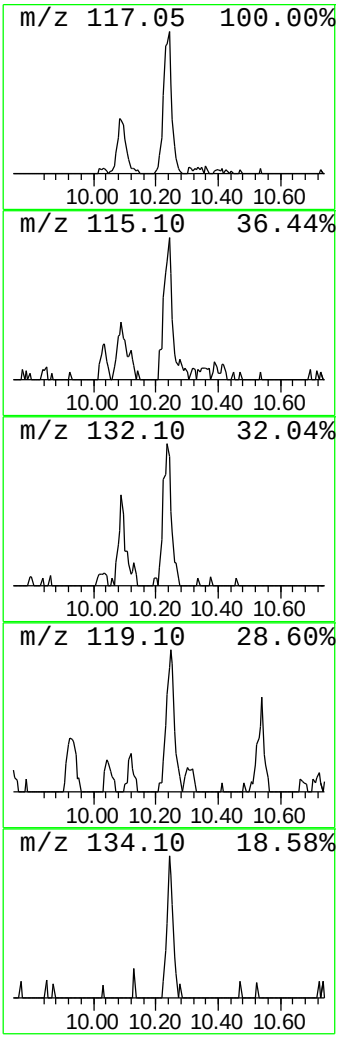
****

Peak Number 6 2,4-Dimethylstyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	3.51 ng	72541	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	91
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	80





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Instrument : BNA_G
ClientSampleId : MW-18

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

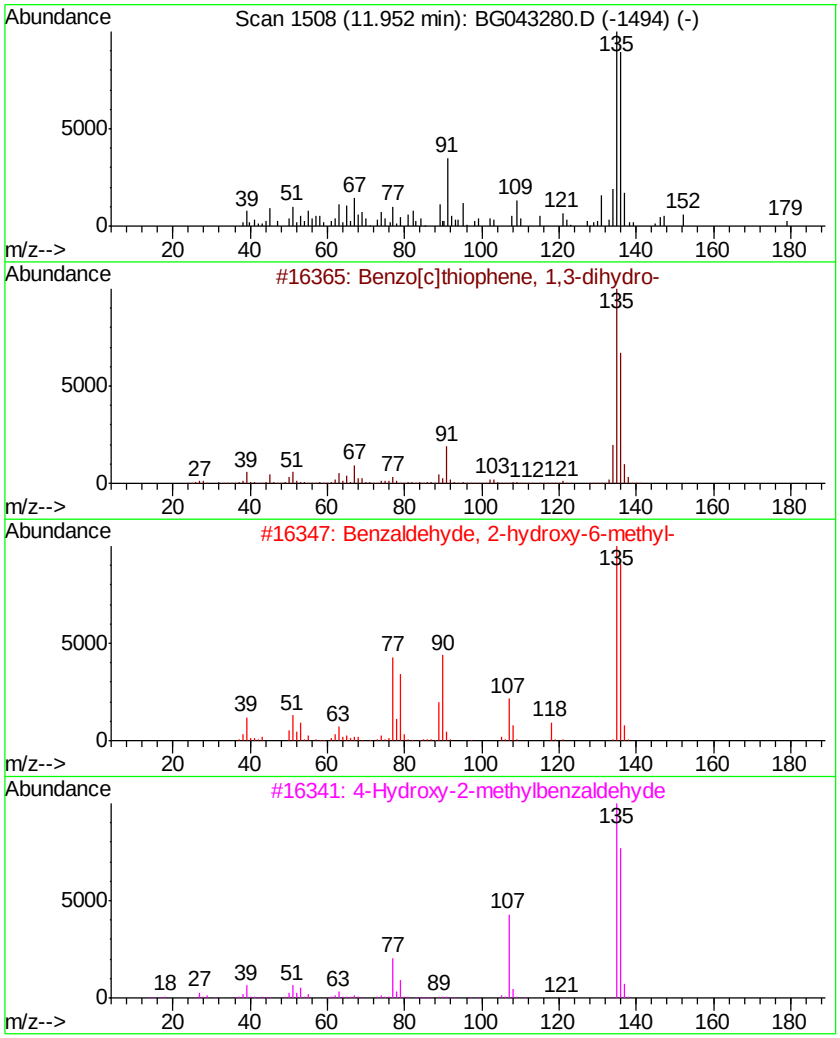
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

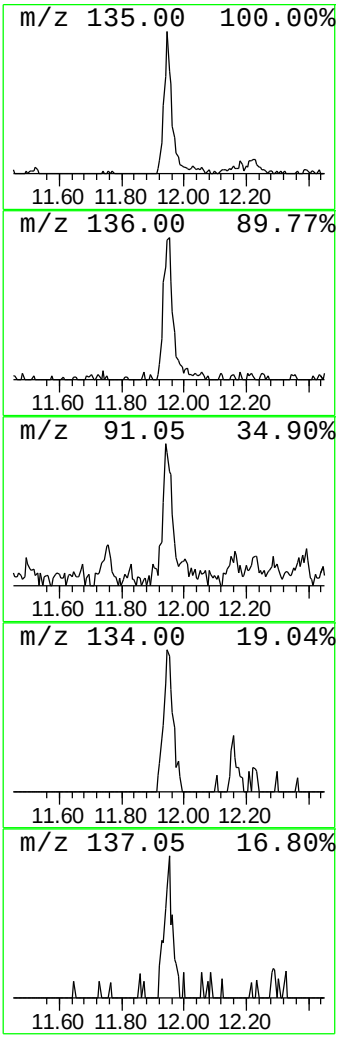
****

Peak Number 7 Benzo[c]thiophene, 1,3-dihy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	5.00 ng	103350	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	81
2	Benzaldehyde, 2-hydroxy-6-methyl-	136	C8H8O2	018362-36-2	53
3	4-Hydroxy-2-methylbenzaldehyde	136	C8H8O2	041438-18-0	53
4	Pyrazine, 2,6-diethyl-	136	C8H12N2	013067-27-1	53
5	Benzaldehyde, 2-hydroxy-4-methyl-	136	C8H8O2	000698-27-1	53





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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

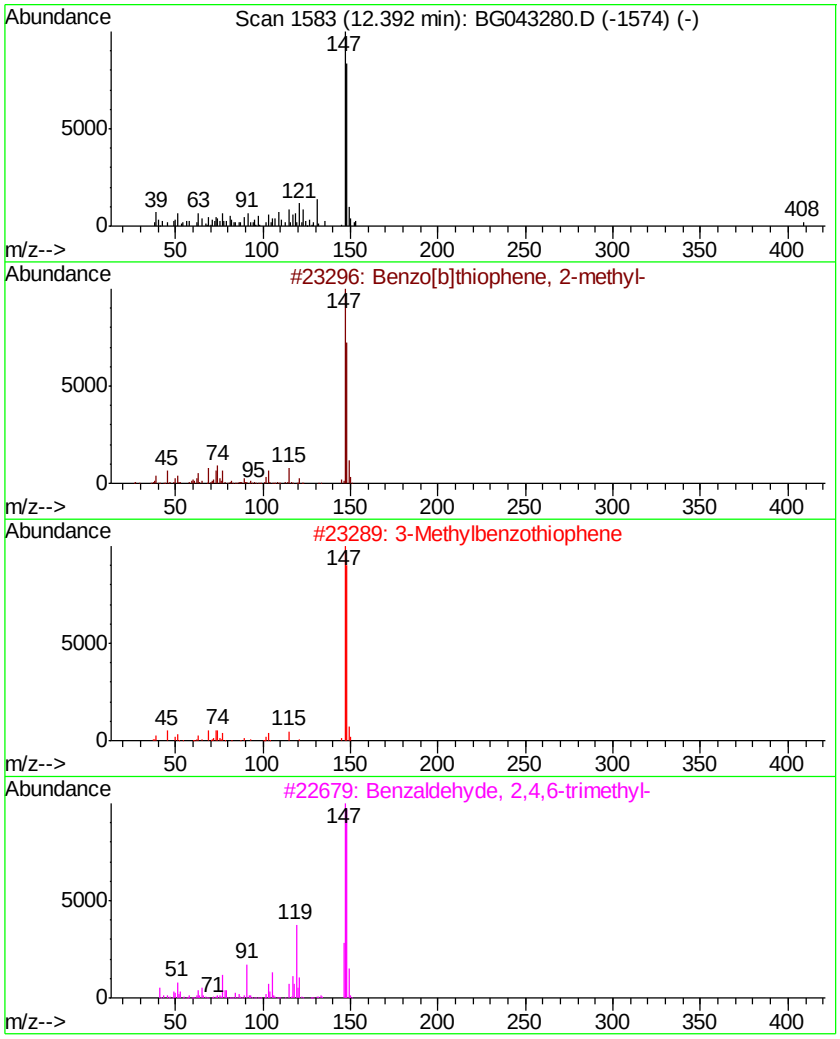
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

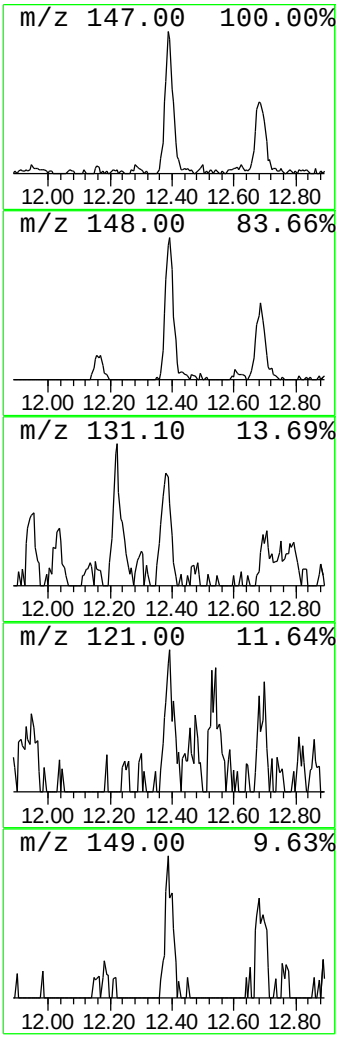
****

Peak Number 8 Benzo[b]thiophene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	4.19 ng	86695	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	81
2	3-Methylbenzothiophene	148	C9H8S	001455-18-1	81
3	Benzaldehyde, 2,4,6-trimethyl-	148	C10H12O	000487-68-3	80
4	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	74
5	2-Methyl-5-hydroxybenzofuran	148	C9H8O2	006769-56-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101819\
Data File : BG043280.D
Acq On : 18 Oct 2019 18:06
Operator : JU
Sample : K5406-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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

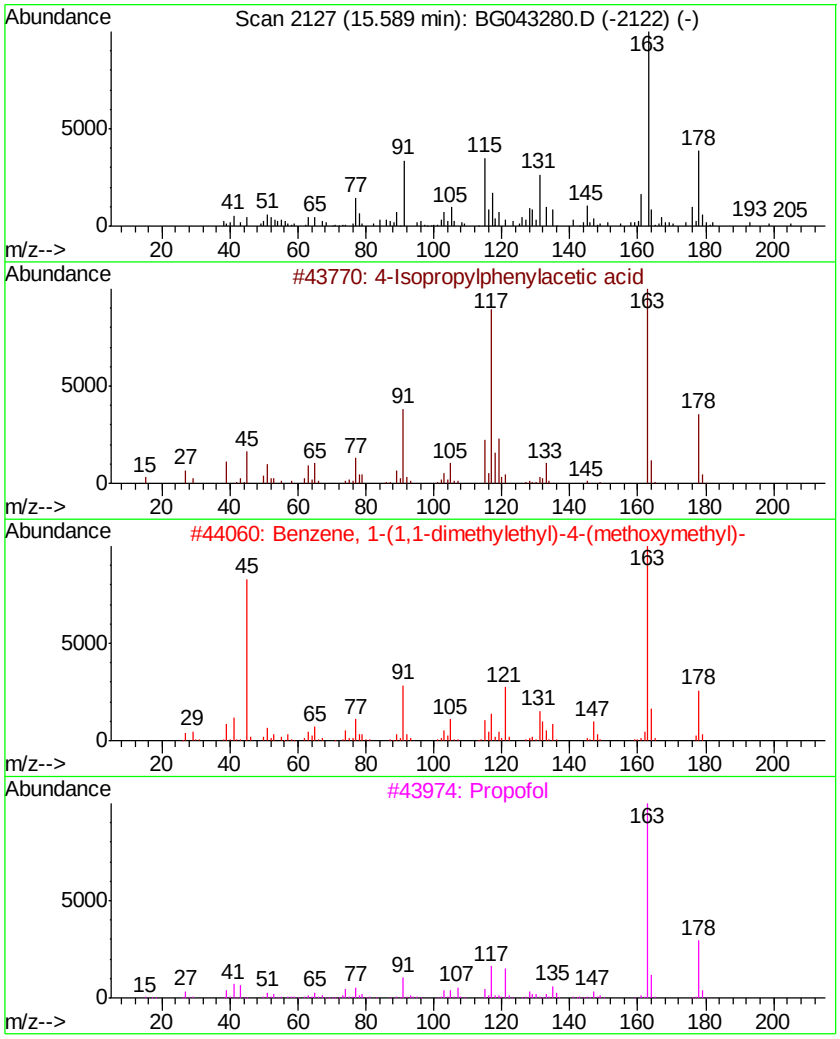
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

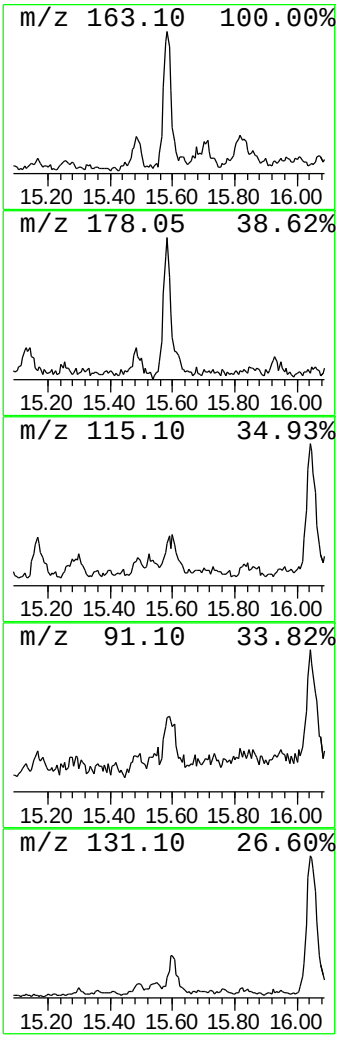
****

Peak Number 9 4-Isopropylphenylacetic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	5.67 ng	183773	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	60
2	Benzene, 1-(1,1-dimethylethyl)-4...	178	C12H18O	003395-87-7	58
3	Propofol	178	C12H18O	002078-54-8	53
4	2-tert-Butyl-6-methylphenol, met...	178	C12H18O	1000333-48-1	52
5	Pyridine, 2,6-epidioxy-5-ethyl-3...	178	C9H10N2O2	1000263-31-1	49





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Acq On : 18 Oct 2019 18:06
Operator : JU
Sample : K5406-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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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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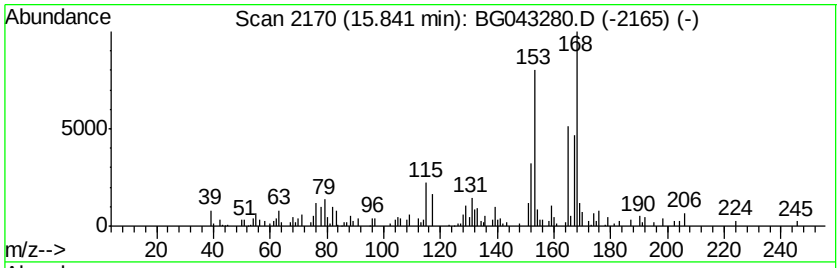
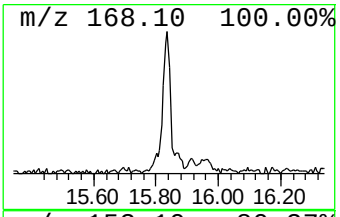
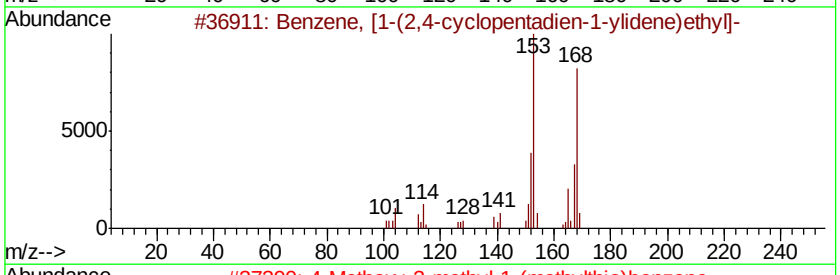
Peak Number 10 Benzene, [1-(2,4-cyclopenta... Concentration Rank 15

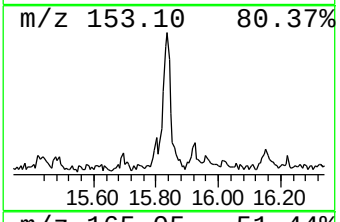
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	4.94 ng	160170	Acenaphthene-d10	14.66

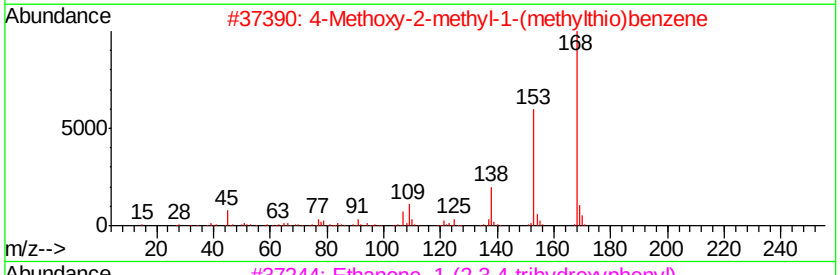
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	81
2	4-Methoxy-2-methyl-1-(methylthio...	168	C9H12OS	022583-04-6	47
3	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	46
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	46
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	46

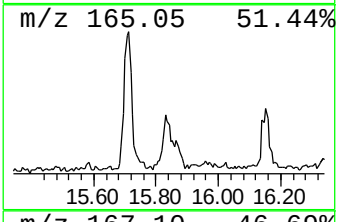


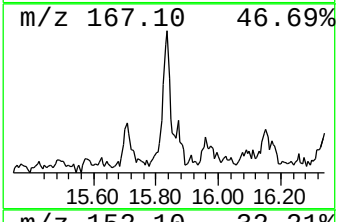


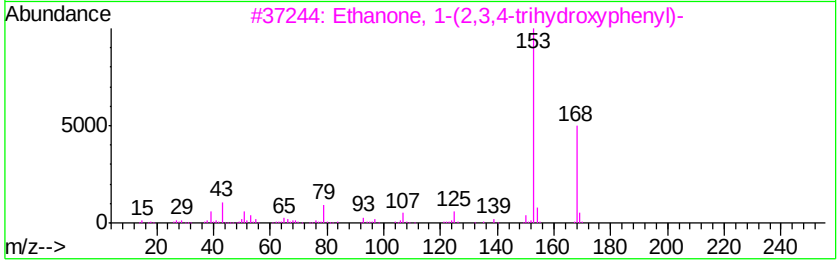


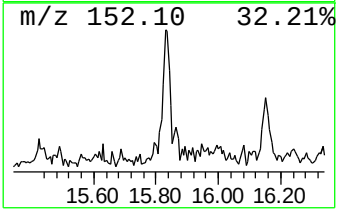












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Acq On : 18 Oct 2019 18:06
Operator : JU
Sample : K5406-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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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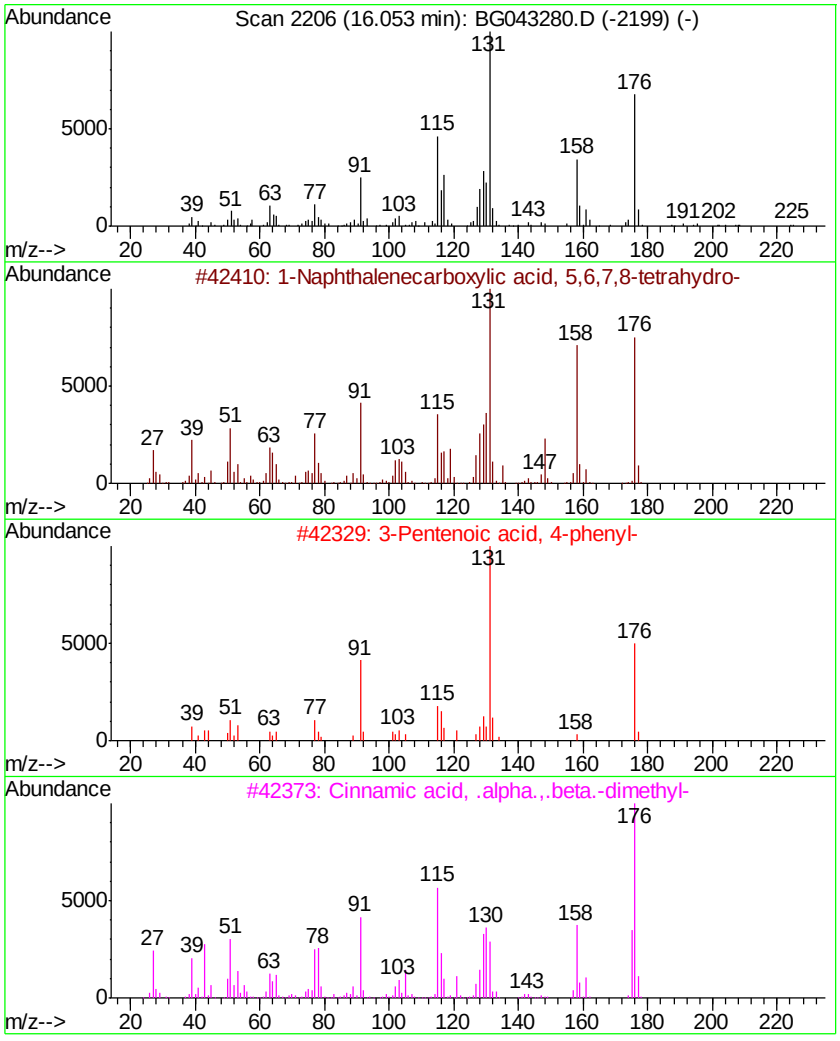
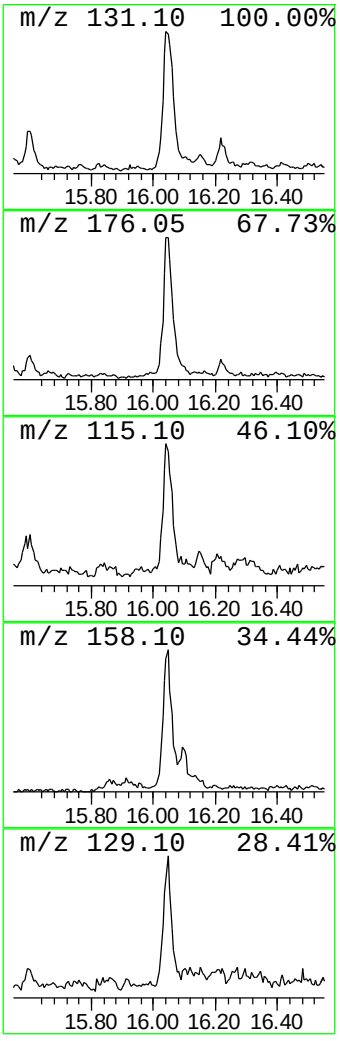
Peak Number 11 1-Naphthalenecarboxylic aci... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	9.51 ng	348082	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	64
2	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	43
3	Cinnamic acid, .alpha.,.beta.-di...	176	C11H12O2	1000151-56-4	38
4	Benzoimidazol-1-yl-acetic acid	176	C9H8N2O2	1000317-79-2	38
5	2-Propenoic acid, 3-phenyl-, eth...	176	C11H12O2	004192-77-2	35





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Instrument : BNA_G
ClientSampleId : MW-18

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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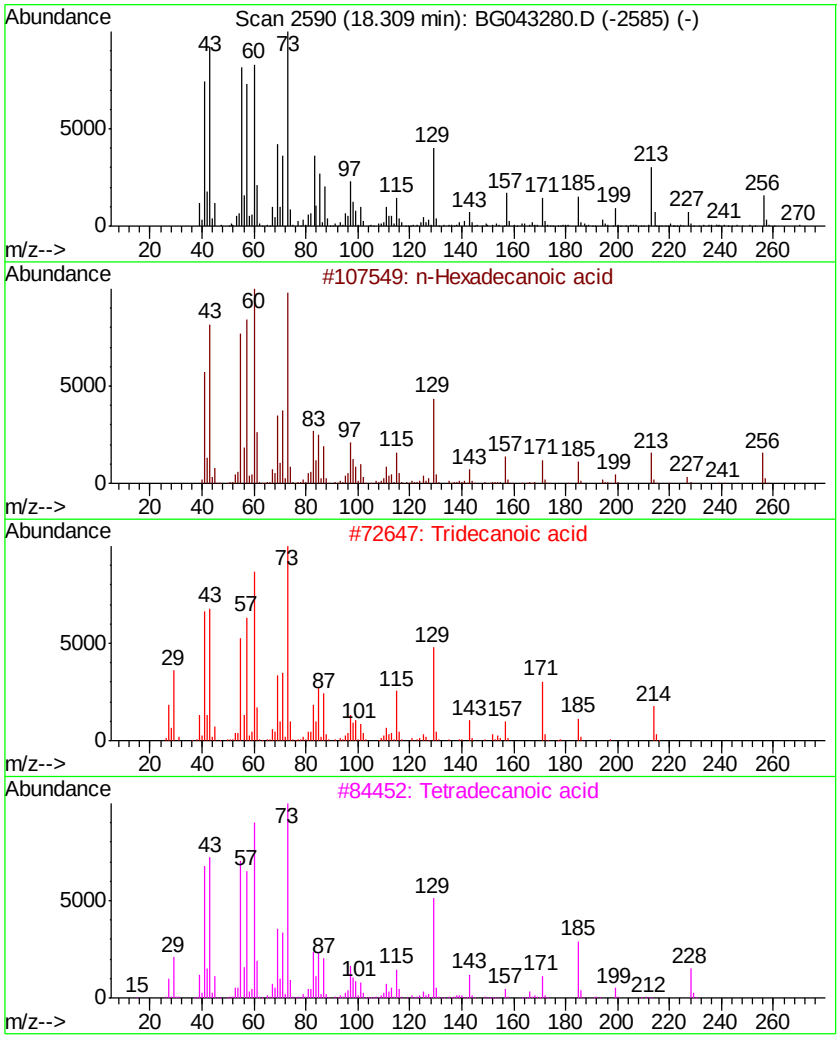
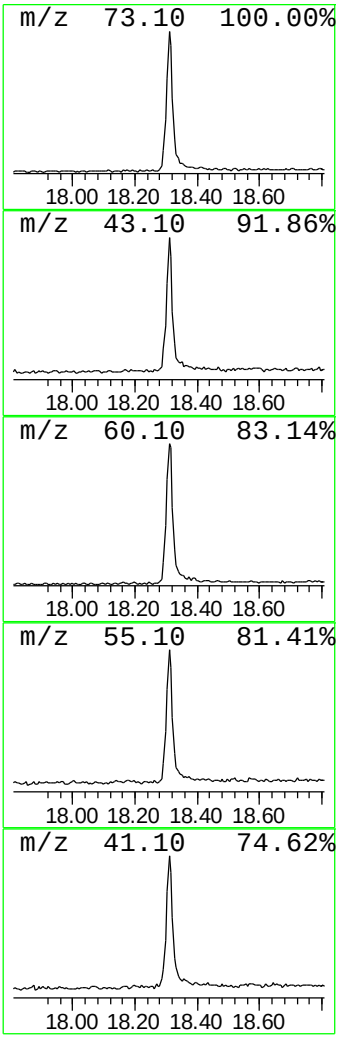
Peak Number 12 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	29.62 ng	1084570	Phenanthrene-d10	17.40

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	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





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Sample : K5406-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId : MW-18

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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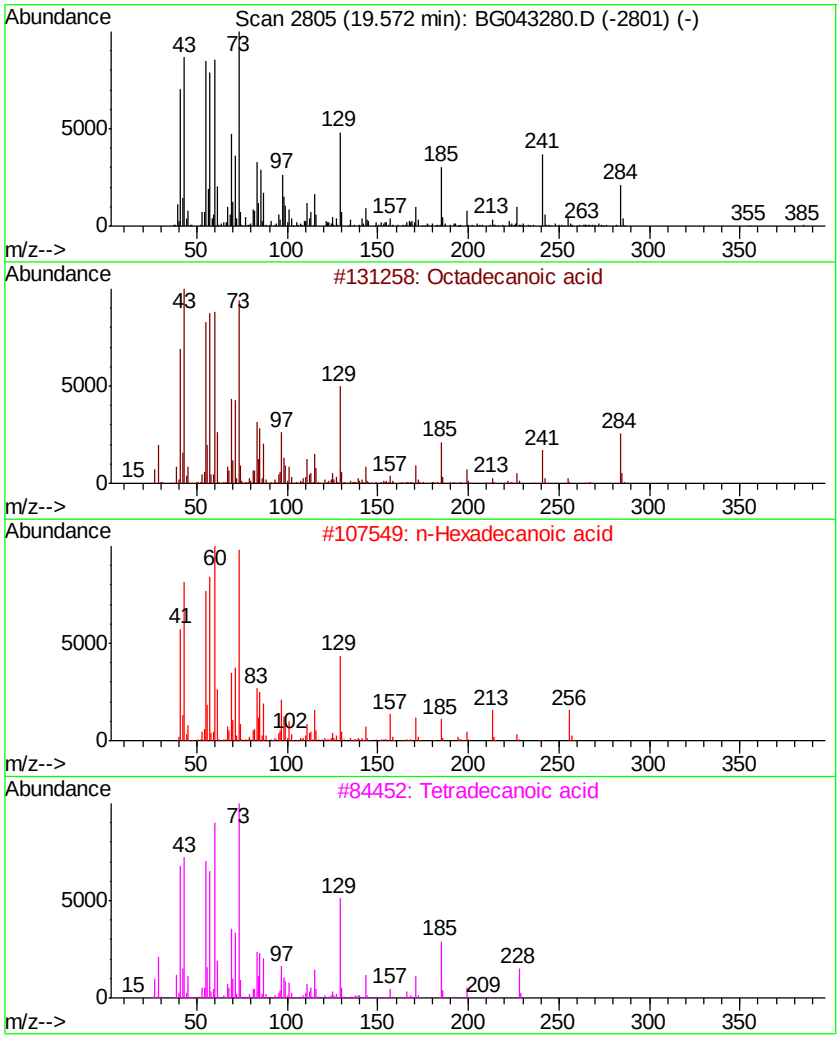
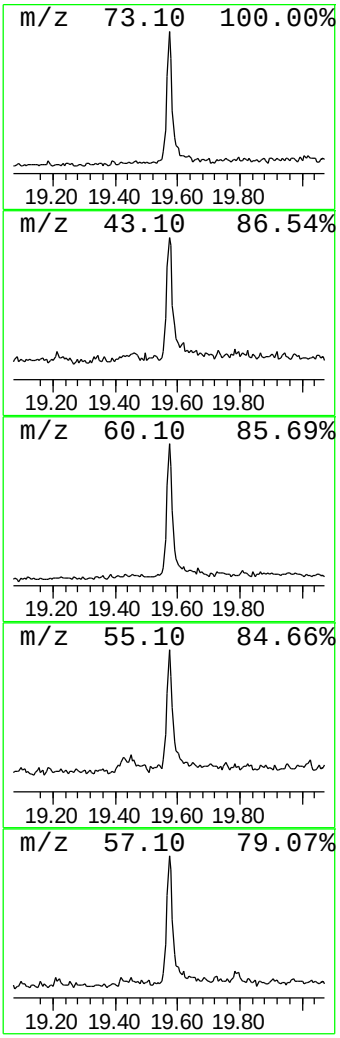
Peak Number 13 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.57	14.83 ng	622560	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64





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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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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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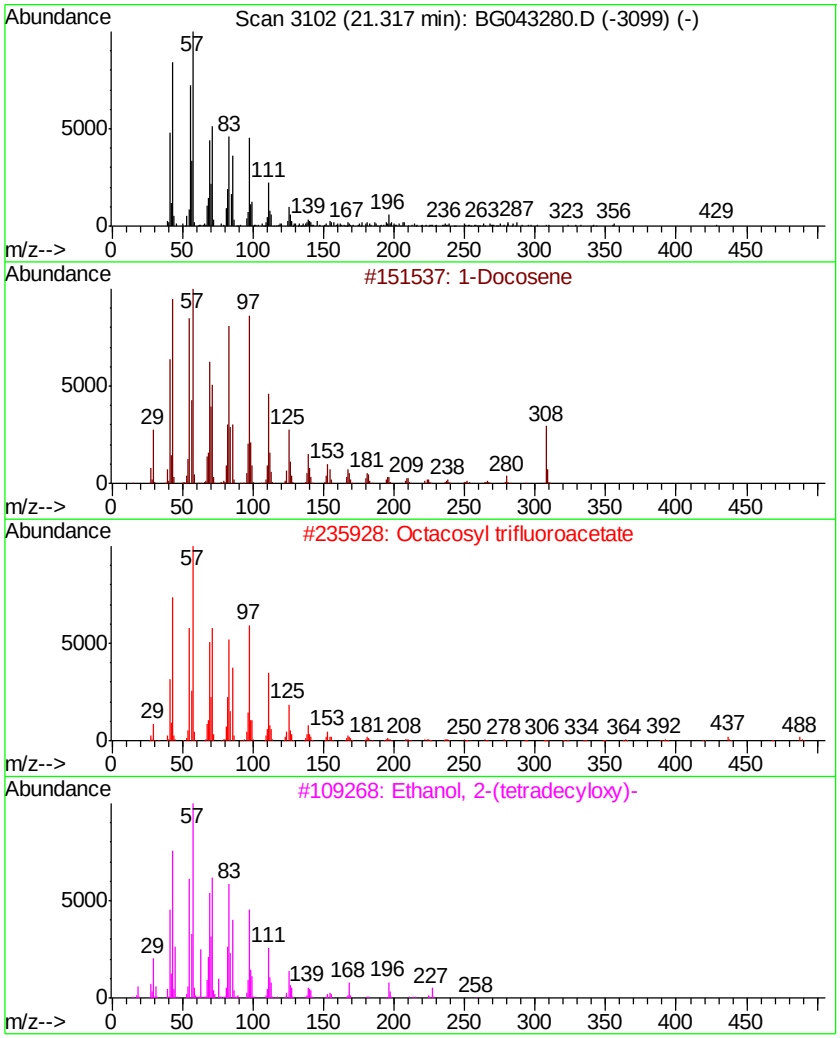
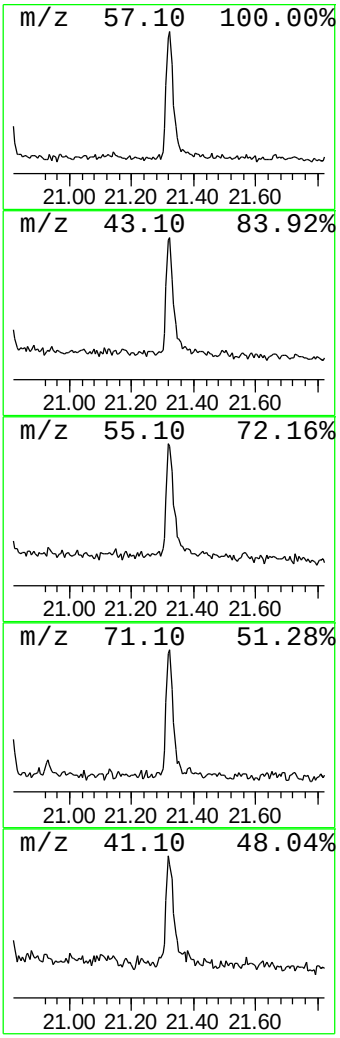
Peak Number 14 1-Docosene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	9.05 ng	380100	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	81





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Instrument : BNA_G
ClientSampleId : MW-18

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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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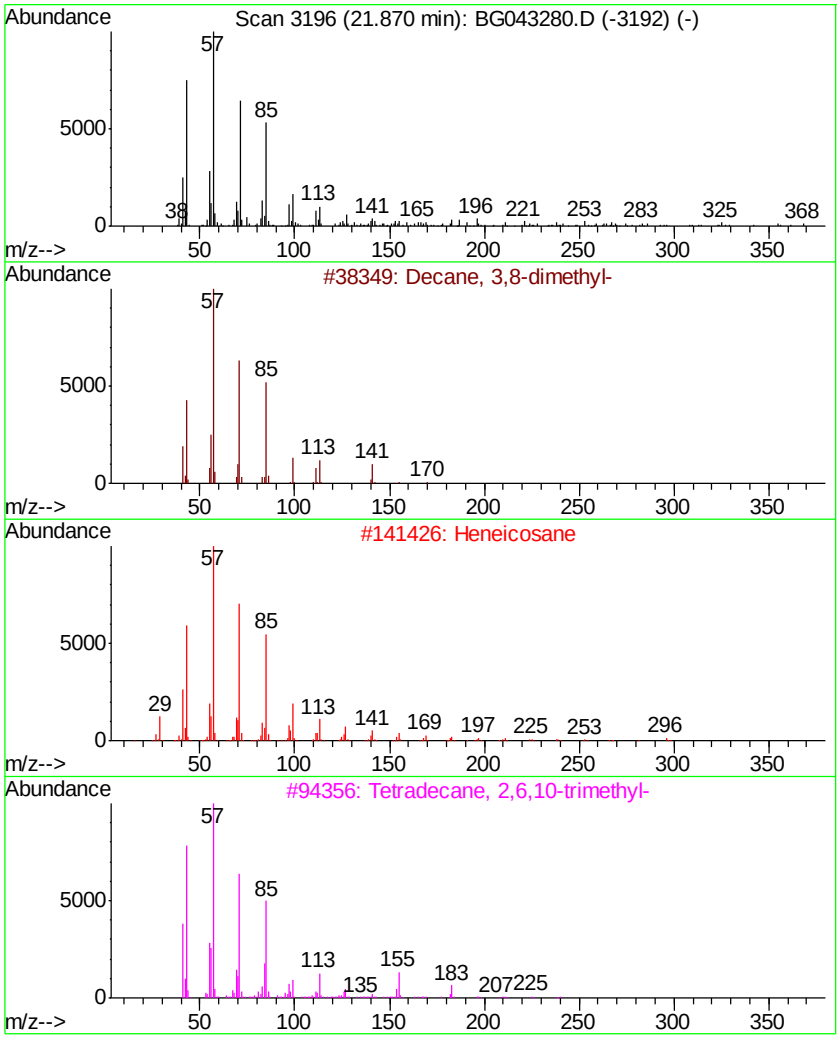
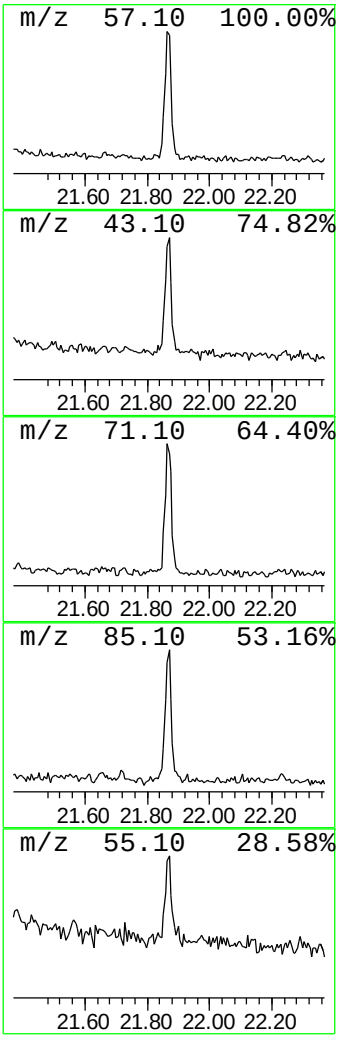
Peak Number 15 Decane, 3,8-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	4.34 ng	182340	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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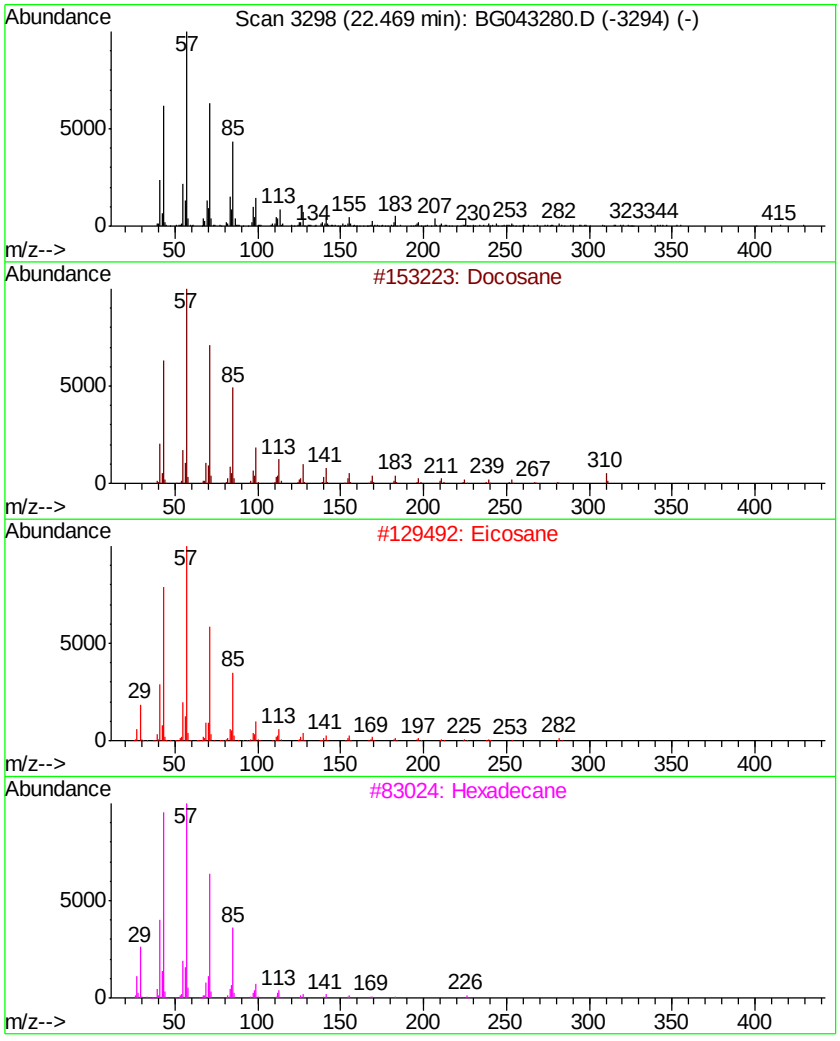
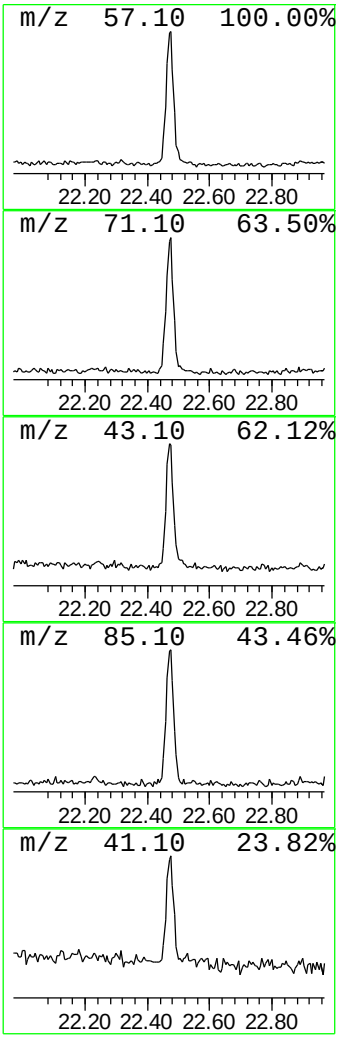
Peak Number 16 Docosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	8.81 ng	369987	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	97
2	Eicosane	282	C20H42	000112-95-8	95
3	Hexadecane	226	C16H34	000544-76-3	93
4	Hexacosane	366	C26H54	000630-01-3	90
5	Nonadecane	268	C19H40	000629-92-5	90





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Instrument : BNA_G
ClientSampleId : MW-18

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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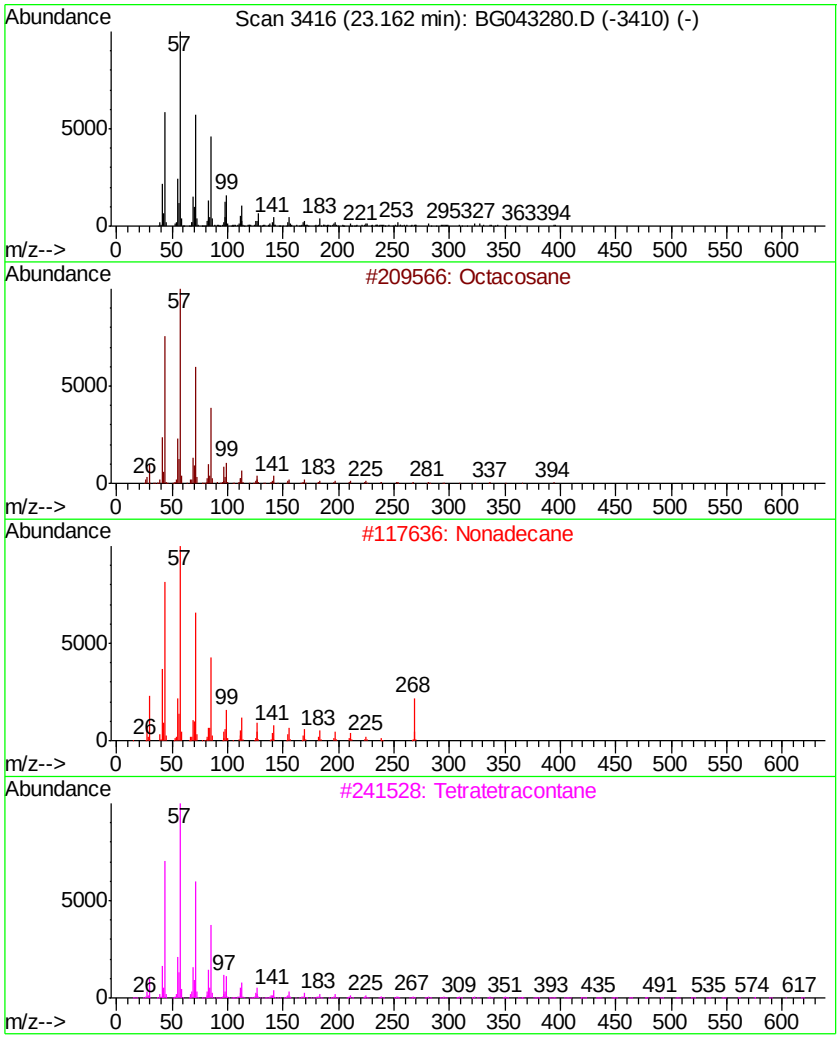
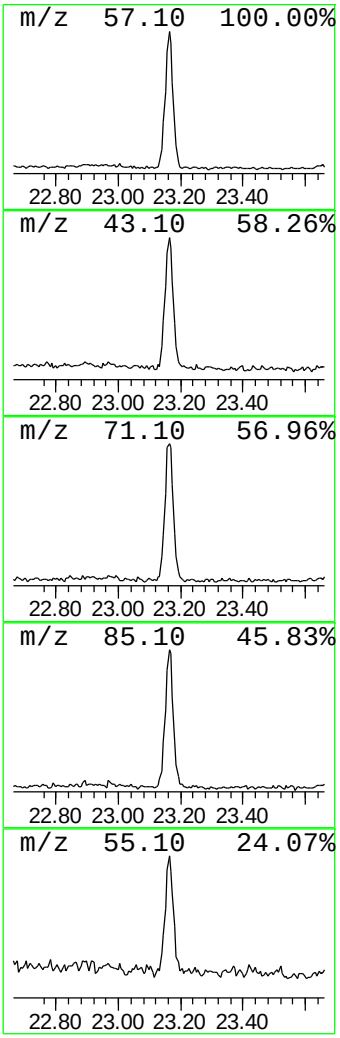
Peak Number 17 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	11.26 ng	472832	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	98
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Triacontane	422	C30H62	000638-68-6	87





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Instrument : BNA_G
ClientSampleId : MW-18

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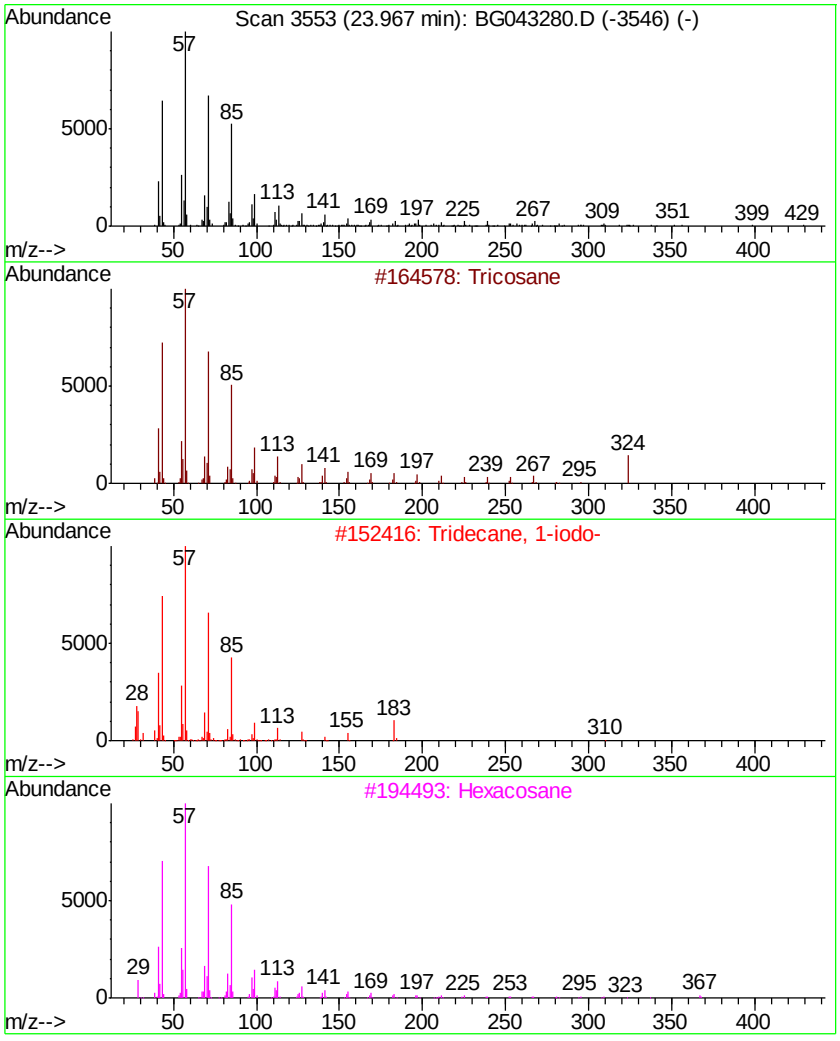
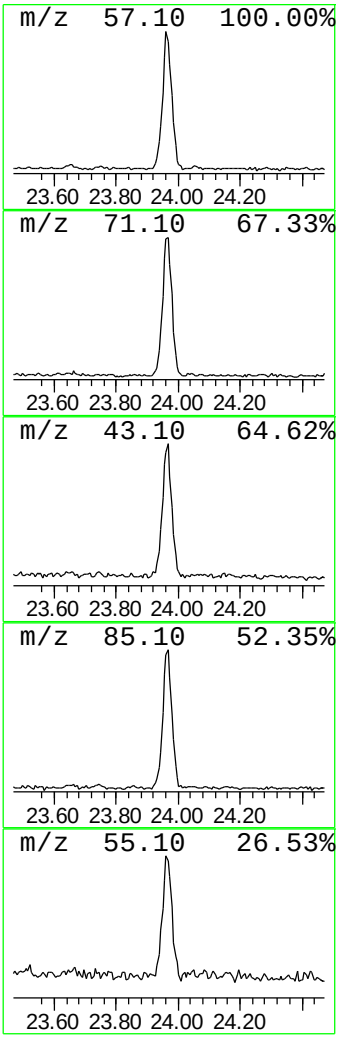
Peak Number 18 Tricosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	7.23 ng	517327	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





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Instrument : BNA_G
ClientSampleId : MW-18

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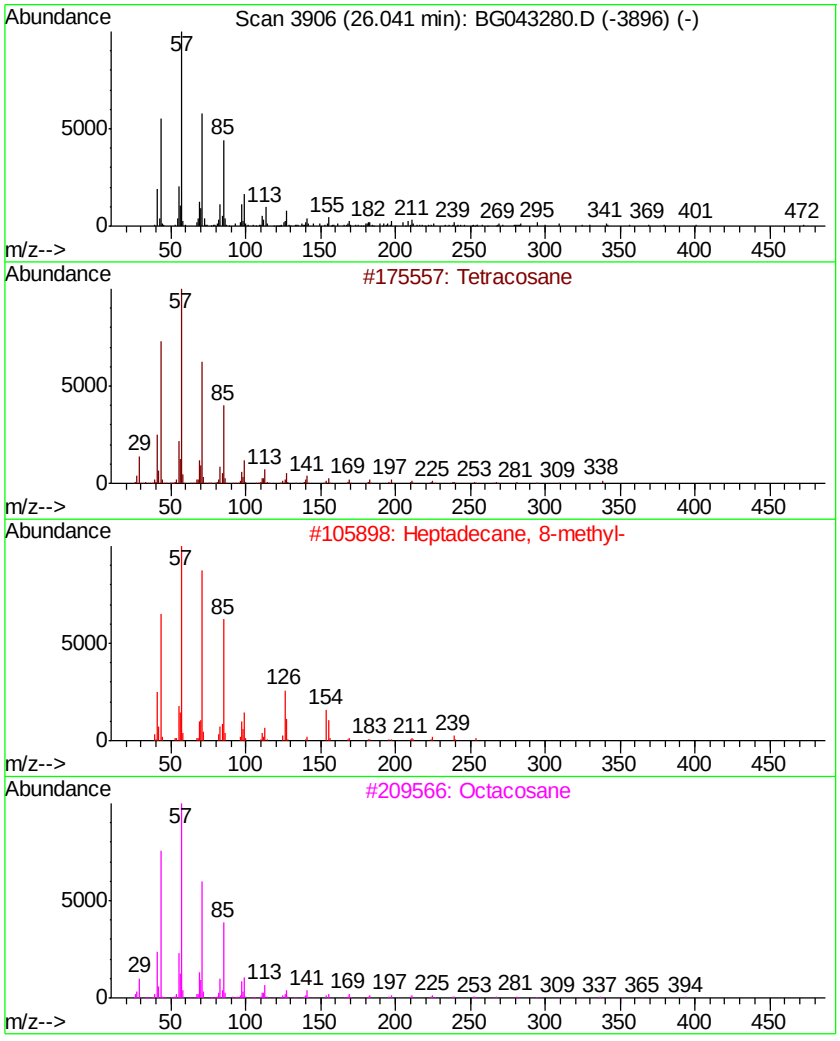
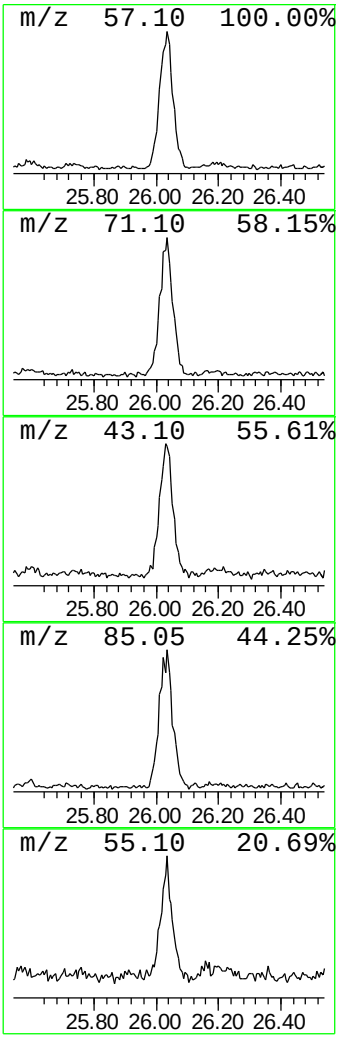
Peak Number 19 Tetracosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.04	6.03 ng	431588	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Docosane	310	C22H46	000629-97-0	87





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Sample : K5406-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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

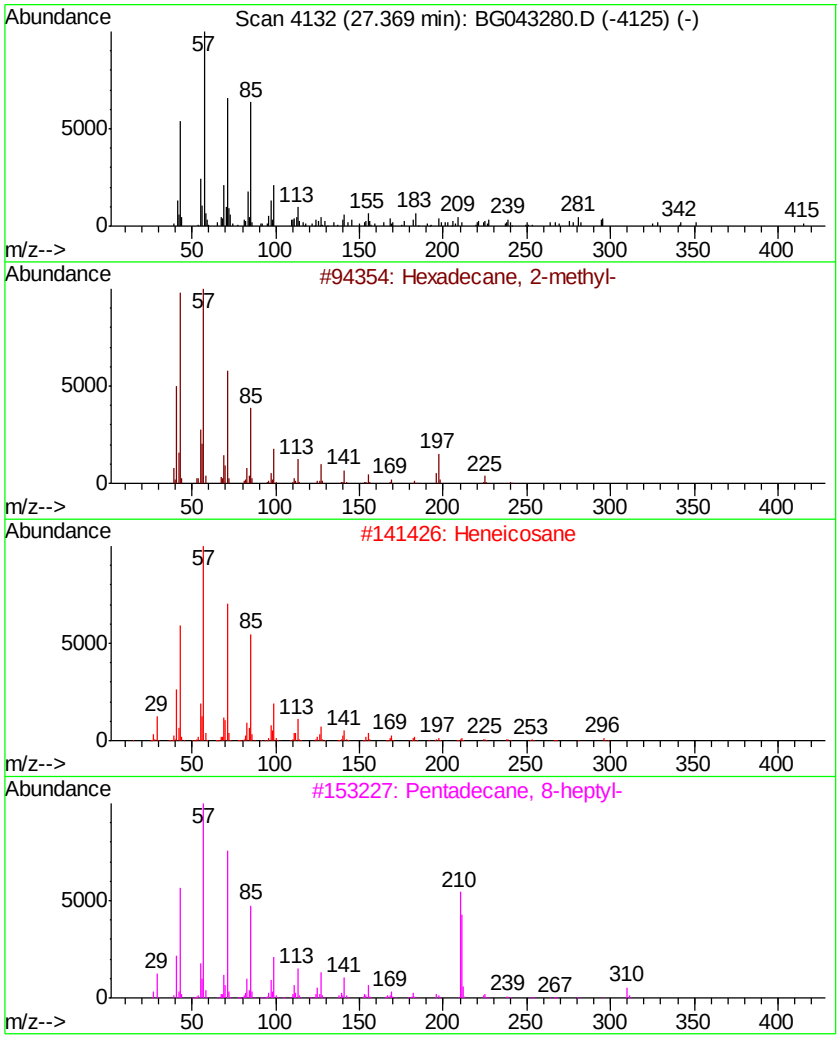
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

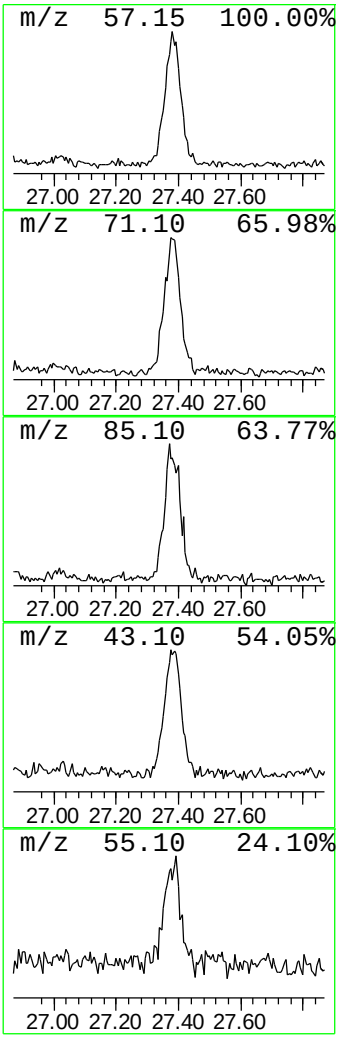
****

Peak Number 20 Hexadecane, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.37	3.68 ng	263122	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4	Docosane	310	C22H46	000629-97-0	91
5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101819\
Data File : BG043280.D
Acq On : 18 Oct 2019 18:06
Operator : JU
Sample : K5406-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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-	3.13	20.7	ng	302849	1	8.03	292279	20.0
Butane, 2-methoxy...	3.21	95.5	ng	1395170	1	8.03	292279	20.0
unknown7.57	7.57	92.8	ng	1356340	1	8.03	292279	20.0
Indane	8.41	4.2	ng	61762	1	8.03	292279	20.0
2,4-Dimethylstyrene	10.24	3.5	ng	72541	2	10.84	413643	20.0
Benzo[c]thiophene...	11.95	5.0	ng	103350	2	10.84	413643	20.0
Benzo[b]thiophene...	12.39	4.2	ng	86695	2	10.84	413643	20.0
4-Isopropylphenyl...	15.59	5.7	ng	183773	3	14.66	647993	20.0
Benzene, [1-(2,4-...	15.84	4.9	ng	160170	3	14.66	647993	20.0
1-Naphthalenecarb...	16.05	9.5	ng	348082	4	17.40	732289	20.0
n-Hexadecanoic acid	18.31	29.6	ng	1084570	4	17.40	732289	20.0
Octadecanoic acid	19.57	14.8	ng	622560	5	21.68	839601	20.0
1-Docosene	21.32	9.1	ng	380100	5	21.68	839601	20.0
Decane, 3,8-dimet...	21.87	4.3	ng	182340	5	21.68	839601	20.0
Docosane	22.47	8.8	ng	369987	5	21.68	839601	20.0
Octacosane	23.16	11.3	ng	472832	5	21.68	839601	20.0
Tricosane	23.97	7.2	ng	517327	6	24.89	1431020	20.0
Tetracosane	26.04	6.0	ng	431588	6	24.89	1431020	20.0
Hexadecane, 2-met...	27.37	3.7	ng	263122	6	24.89	1431020	20.0