LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
Data File : BG043534.D
Acq On : 7 Nov 2019 00:01
Operator : JU
Sample : K5675-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-110519

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-BG102119.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	3.182	11	16	28	rVB2	58799	128084	1.80%	0.450%
2	5.115	340	345	360	rBV	93062	152058	2.14%	0.534%
3	5.603	419	428	448	rBV	312770	596156	8.38%	2.095%
4	7.195	690	699	720	rBV	348860	699332	9.82%	2.458%
5	7.553	751	760	769	rBV	377565	682193	9.58%	2.398%
6	8.012	831	838	846	rBV	130883	235508	3.31%	0.828%
7	8.335	885	893	903	rBV	304625	555973	7.81%	1.954%
8	9.175	1028	1036	1056	rBV	181389	409553	5.75%	1.439%
9	10.785	1304	1310	1311	rBV	66597	101887	1.43%	0.358%
10	10.814	1311	1315	1326	rVB	148609	296011	4.16%	1.040%
11	11.643	1451	1456	1462	rVB2	44508	71213	1.00%	0.250%
12	11.725	1464	1470	1477	rVB2	77091	129995	1.83%	0.457%
13	11.825	1479	1487	1492	rBV	109059	195733	2.75%	0.688%
14	12.224	1546	1555	1566	rBV	493159	786911	11.06%	2.766%
15	12.853	1657	1662	1666	rBV2	55521	87877	1.23%	0.309%
16	12.894	1666	1669	1677	rVV4	42238	100982	1.42%	0.355%
17	13.035	1688	1693	1698	rVB2	54293	86161	1.21%	0.303%
18	13.258	1721	1731	1740	rBV	588185	983264	13.81%	3.456%
19	13.458	1759	1765	1775	rVB	226160	329012	4.62%	1.156%
20	14.087	1865	1872	1882	rBV	88300	164114	2.31%	0.577%
21	14.639	1955	1966	1981	rVB	270704	442808	6.22%	1.556%
22	16.132	2213	2220	2234	rBV	419539	750213	10.54%	2.637%
23	16.531	2281	2288	2294	rBV2	71474	104118	1.46%	0.366%
24	17.383	2426	2433	2438	rBV	305534	510937	7.18%	1.796%
25	17.430	2438	2441	2450	rVB	58841	93951	1.32%	0.330%
26	17.918	2514	2524	2532	rVB	130996	190665	2.68%	0.670%
27	18.047	2540	2546	2555	rBV	1801113	2289149	32.16%	8.045%
28	19.187	2733	2740	2742	rBV	2848155	3649541	51.27%	12.826%
29	19.222	2742	2746	2756	rVB	5347944	7118107	100.00%	25.016%
30	19.345	2762	2767	2775	rVB	1110723	1306350	18.35%	4.591%
31	19.439	2777	2783	2792	rVV	254245	379328	5.33%	1.333%
32	19.798	2835	2844	2851	rBV	236435	422190	5.93%	1.484%
33	19.998	2872	2878	2891	rBV	1141160	1530615	21.50%	5.379%
34	20.327	2931	2934	2941	rVB3	81215	102510	1.44%	0.360%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
Data File : BG043534.D
Acq On : 7 Nov 2019 00:01
Operator : JU
Sample : K5675-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-110519

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-BG102119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.438	2949	2953	2960	rBV3	69556	113838	1.60%	0.400%
36	21.290	3094	3098	3102	rBV4	49982	89484	1.26%	0.314%
37	21.654	3151	3160	3165	rBV2	407408	922575	12.96%	3.242%
38	21.696	3165	3167	3176	rVB	111626	184038	2.59%	0.647%
39	23.840	3524	3532	3538	rBV2	90011	287955	4.05%	1.012%
40	24.545	3647	3652	3662	rVB	54090	144121	2.02%	0.507%
41	24.698	3669	3678	3690	rVB	94464	274259	3.85%	0.964%
42	24.851	3694	3704	3714	rBV	257175	754919	10.61%	2.653%

Sum of corrected areas: 28453688

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
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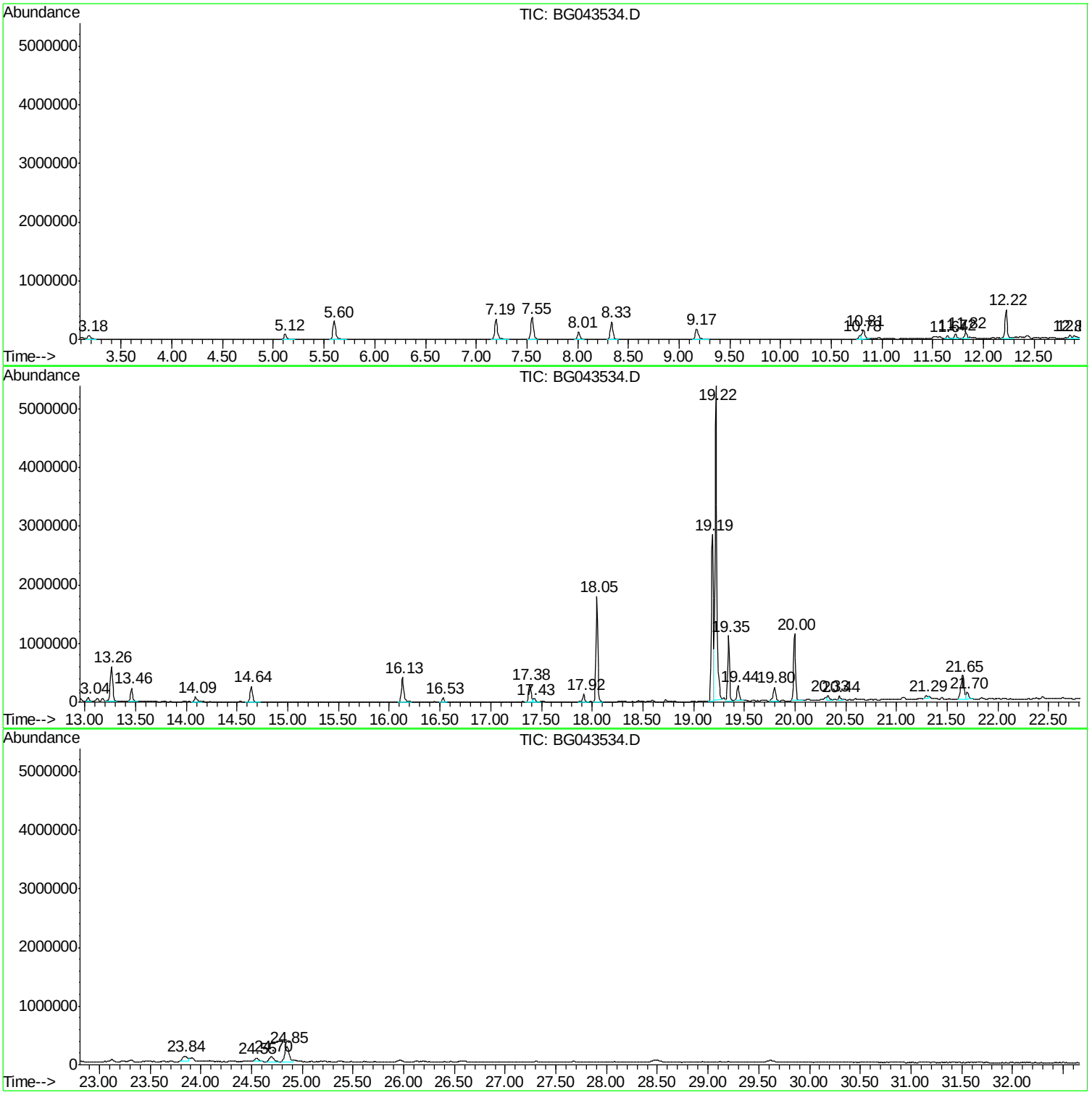
Acq On : 7 Nov 2019 00:01
Operator : JU
Sample : K5675-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-05-110519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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\BG110619\
Data File : BG043534.D
Acq On : 7 Nov 2019 00:01
Operator : JU
Sample : K5675-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-110519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

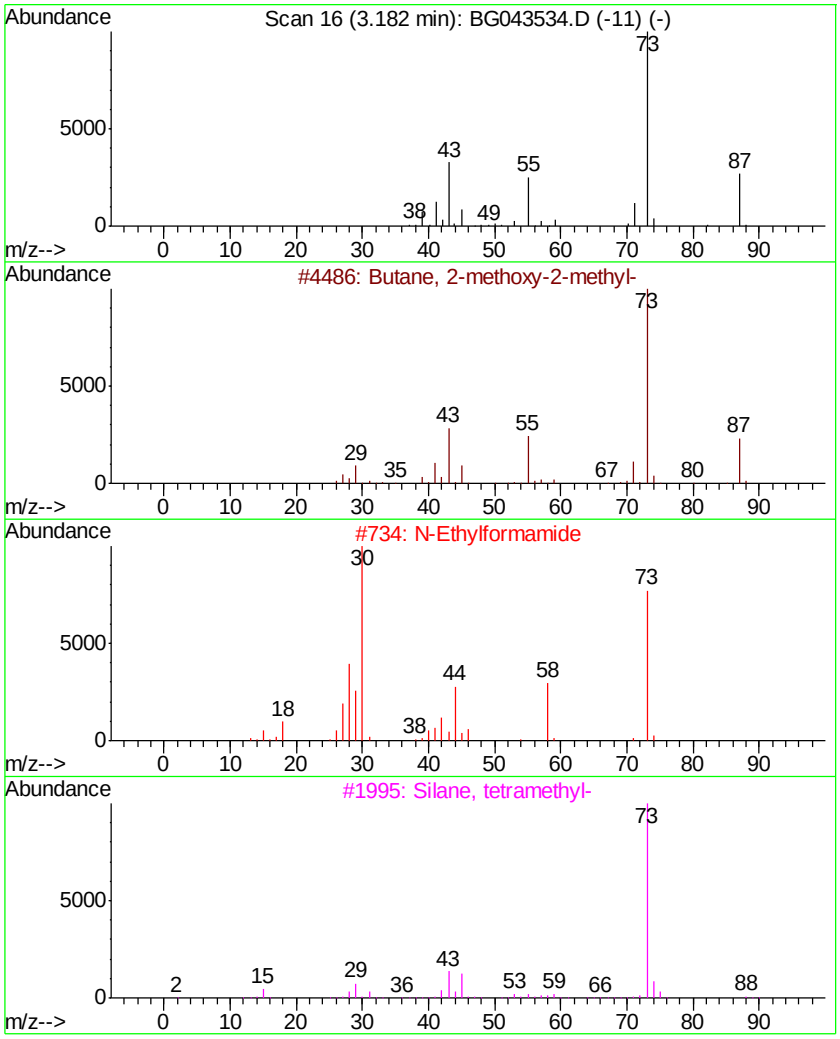
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

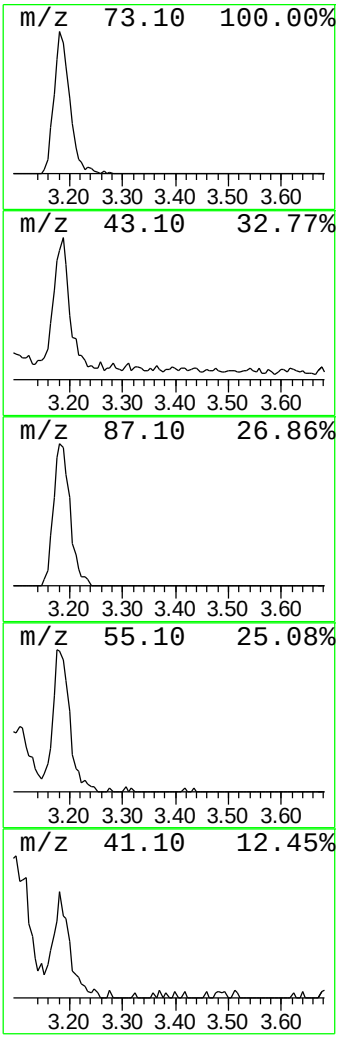
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	10.88 ng	128084	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	7





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
Data File : BG043534.D
Acq On : 7 Nov 2019 00:01
Operator : JU
Sample : K5675-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-110519

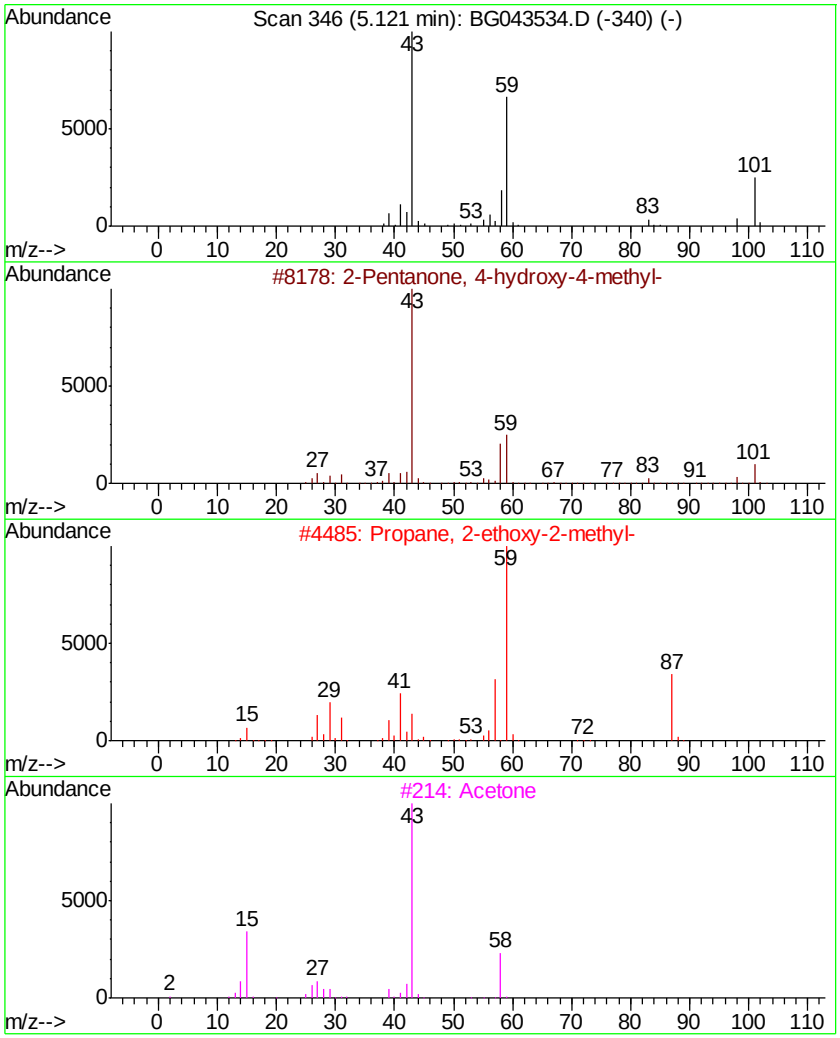
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

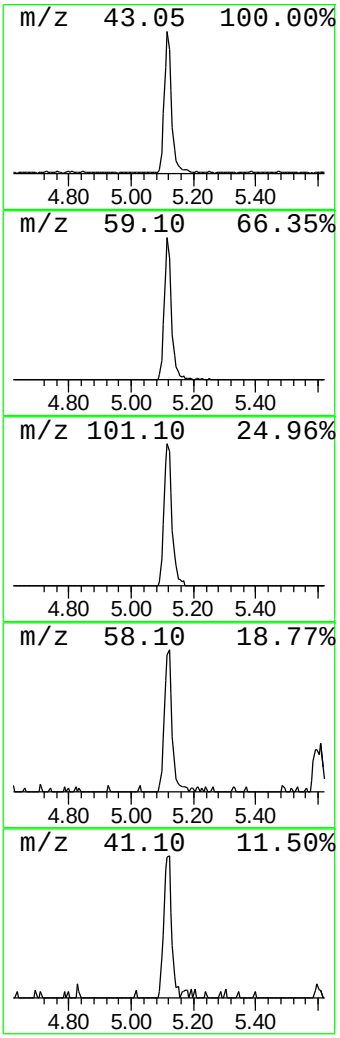
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	12.91 ng	152058	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17
3	Acetone	58	C3H6O	000067-64-1	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
Data File : BG043534.D
Acq On : 7 Nov 2019 00:01
Operator : JU
Sample : K5675-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-110519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

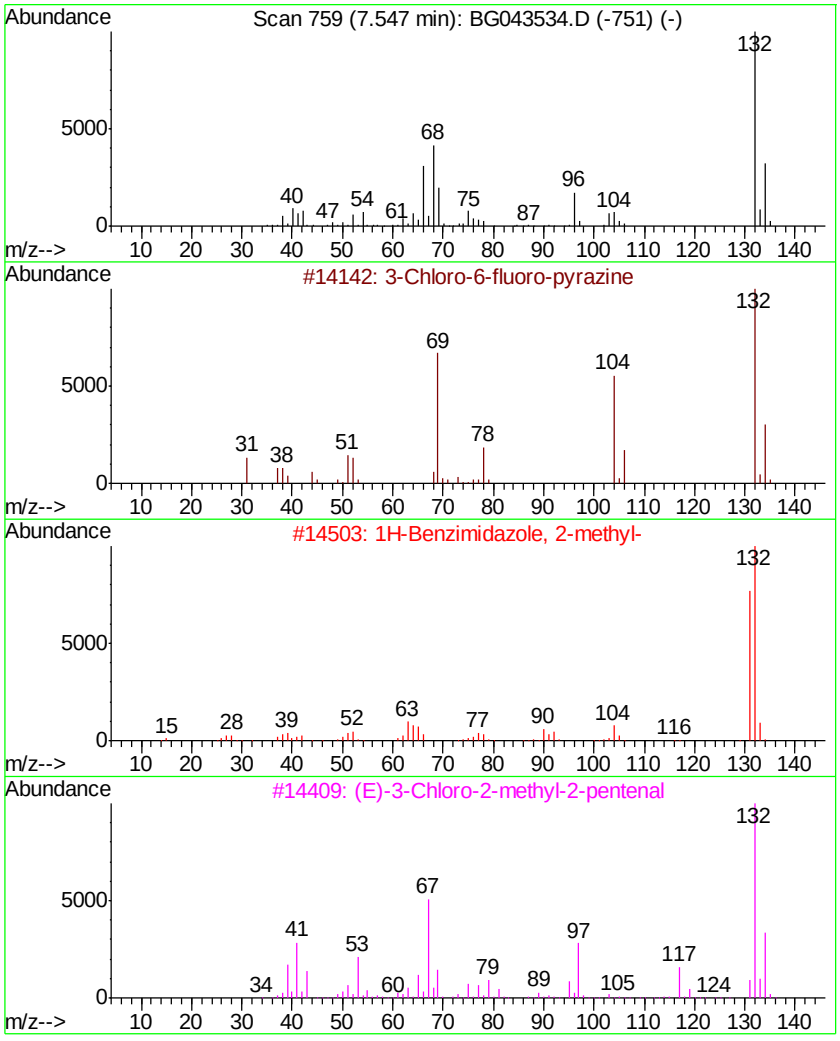
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

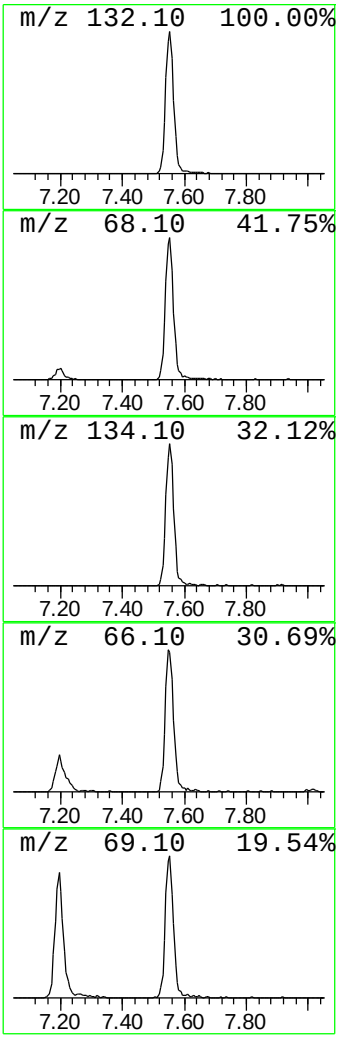
****

Peak Number 3 unknown7.55 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	57.93 ng	682193	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
Data File : BG043534.D
Acq On : 7 Nov 2019 00:01
Operator : JU
Sample : K5675-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-110519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

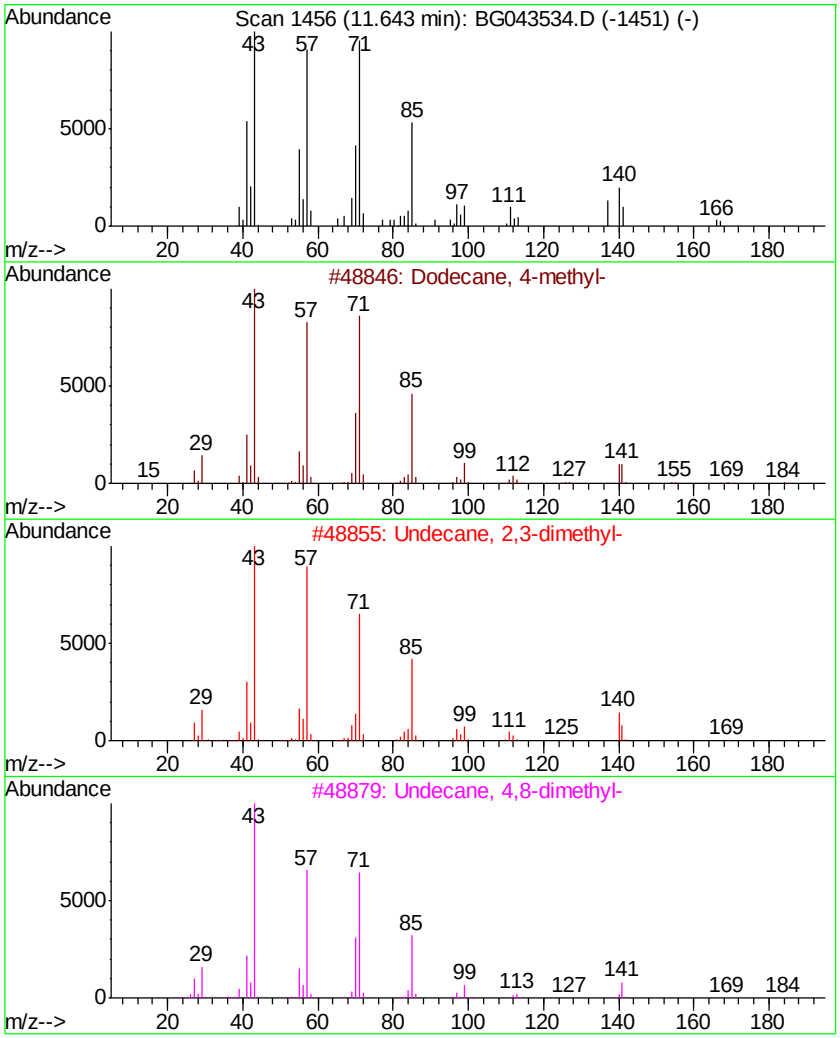
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

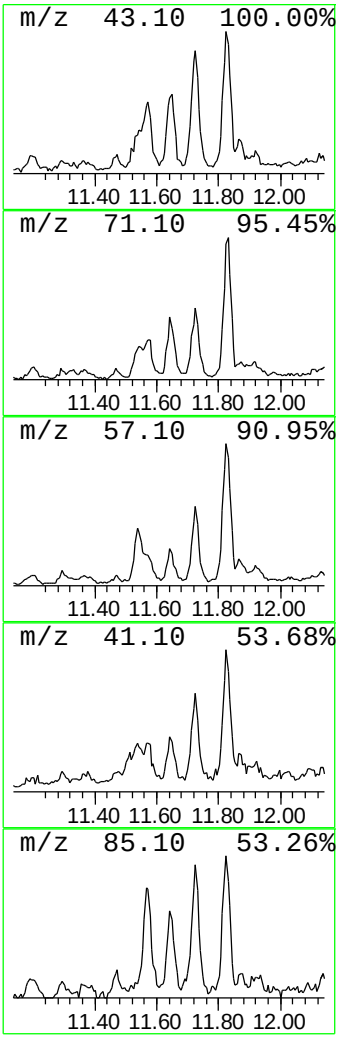
****

Peak Number 5 Dodecane, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	4.81 ng	71213	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	80
2	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72
3	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	64
4	9-methylheptadecane	254	C18H38	026741-18-4	52
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
Data File : BG043534.D
Acq On : 7 Nov 2019 00:01
Operator : JU
Sample : K5675-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-110519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

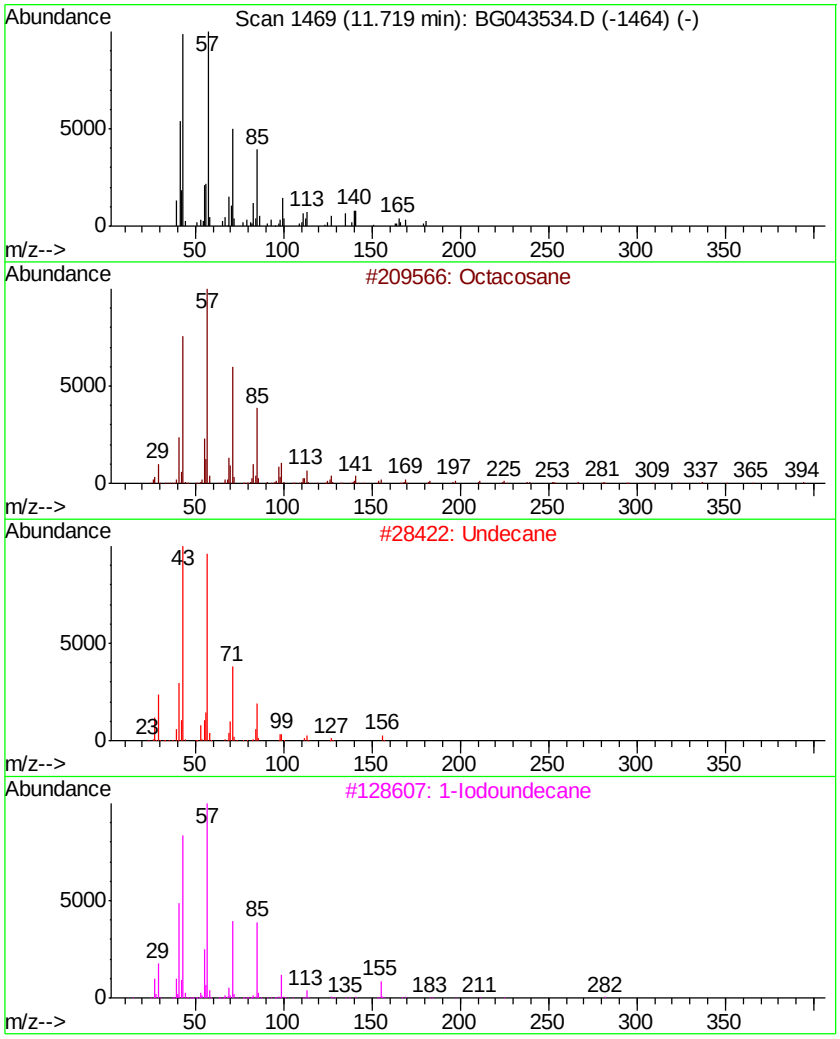
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

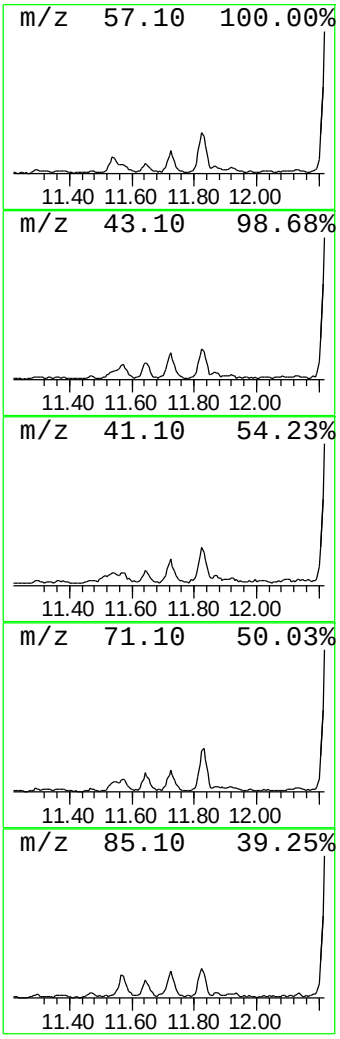
****

Peak Number 6 Octacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	8.78 ng	129995	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	72
2	Undecane	156	C11H24	001120-21-4	64
3	1-Iodoundecane	282	C11H23I	004282-44-4	64
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	64
5	Hexadecane	226	C16H34	000544-76-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
Data File : BG043534.D
Acq On : 7 Nov 2019 00:01
Operator : JU
Sample : K5675-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-110519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

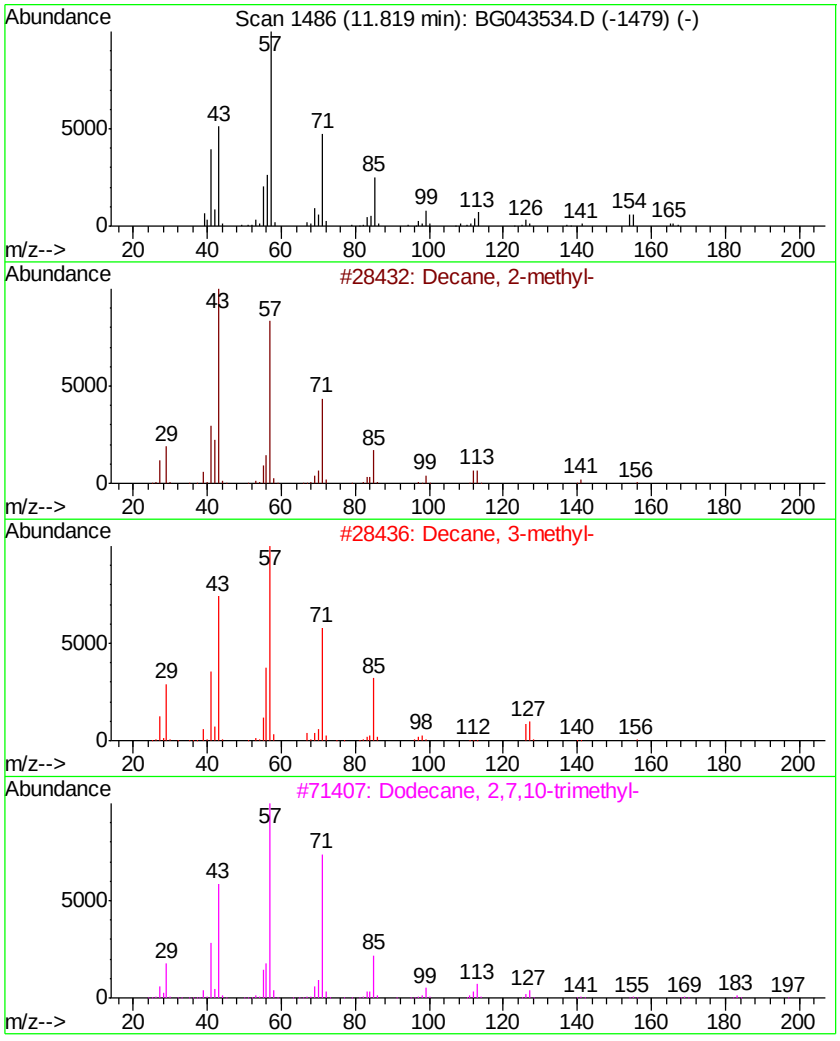
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

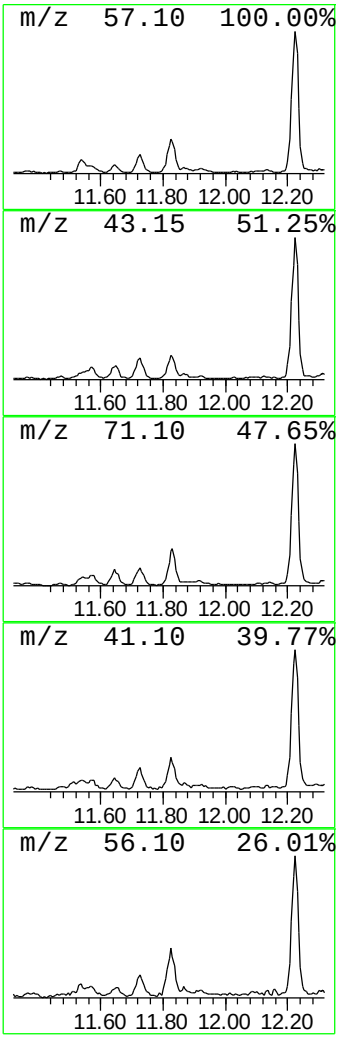
****

Peak Number 7 Decane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	13.22 ng	195733	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	72
2	Decane, 3-methyl-	156	C11H24	013151-34-3	68
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
Data File : BG043534.D
Acq On : 7 Nov 2019 00:01
Operator : JU
Sample : K5675-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-110519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

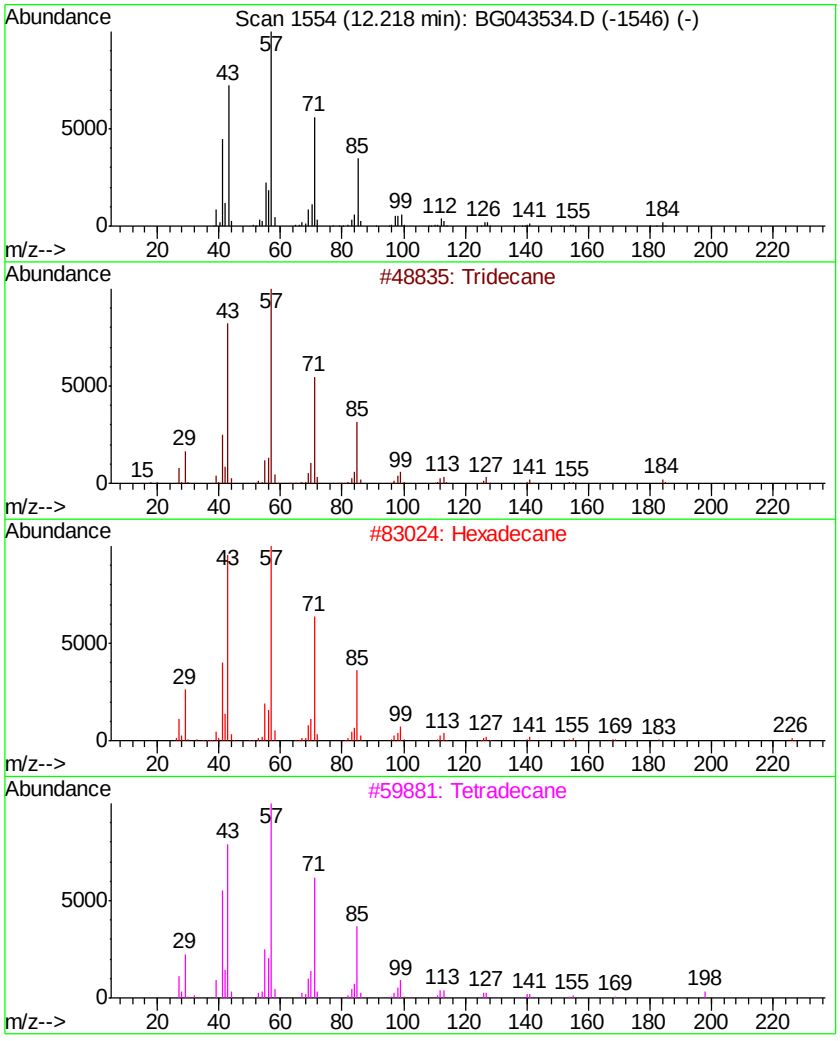
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

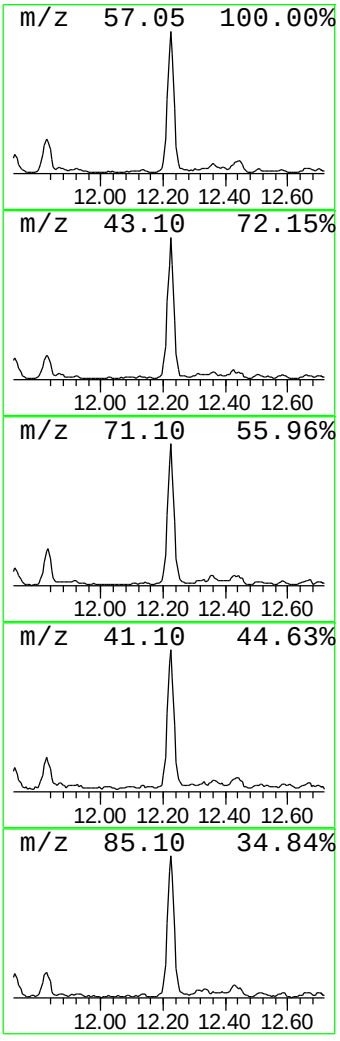
****

Peak Number 8 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	53.17 ng	786911	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Pentadecane	212	C15H32	000629-62-9	90
5	Undecane	156	C11H24	001120-21-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
Data File : BG043534.D
Acq On : 7 Nov 2019 00:01
Operator : JU
Sample : K5675-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-110519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

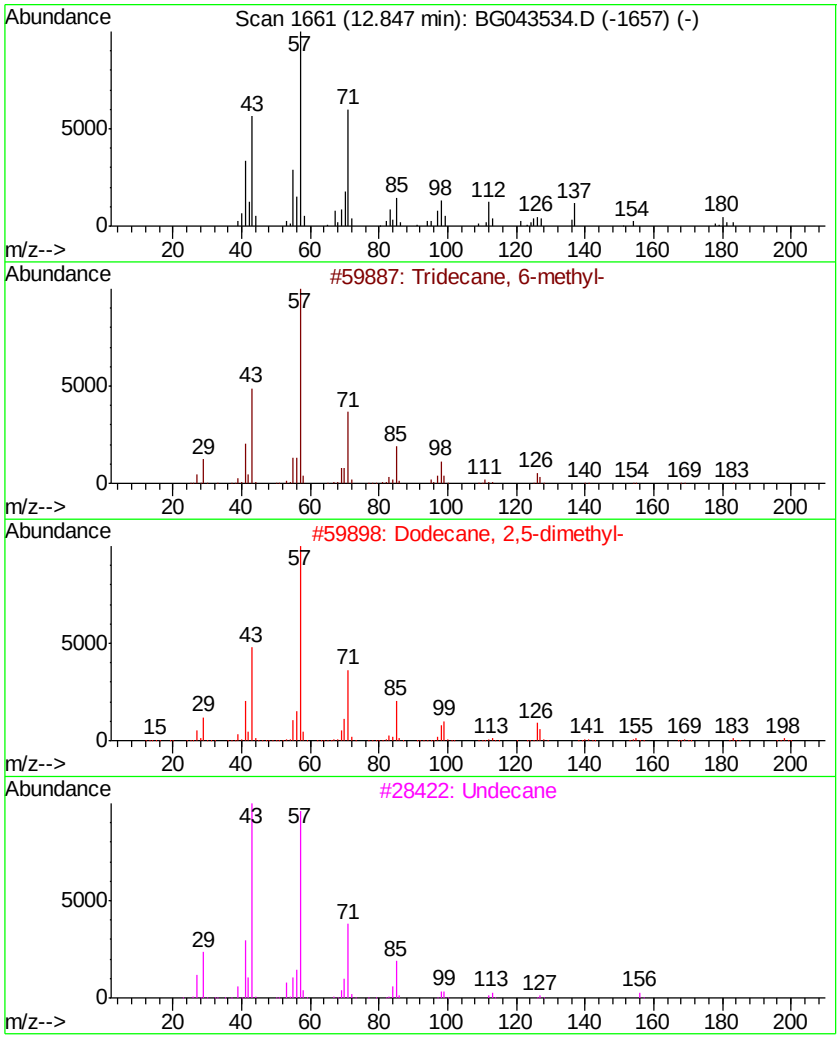
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

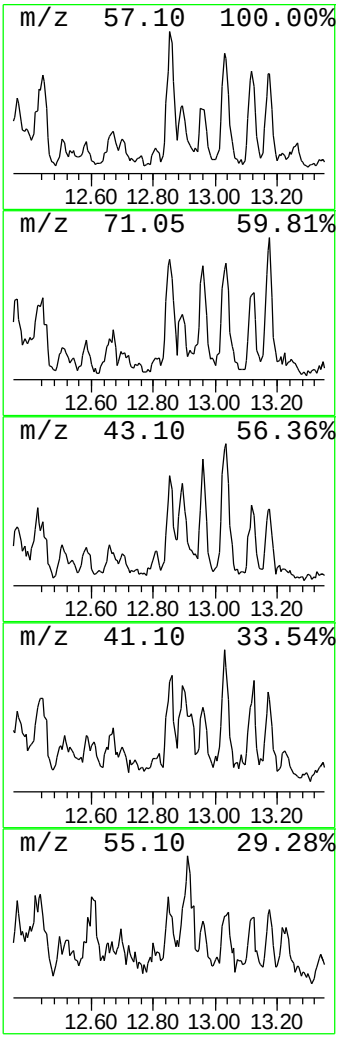
****

Peak Number 9 Tridecane, 6-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	3.97 ng	87877	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	80
2	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	68
3	Undecane	156	C11H24	001120-21-4	59
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	53
5	Tetratetracontane	619	C44H90	007098-22-8	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
Data File : BG043534.D
Acq On : 7 Nov 2019 00:01
Operator : JU
Sample : K5675-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-110519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

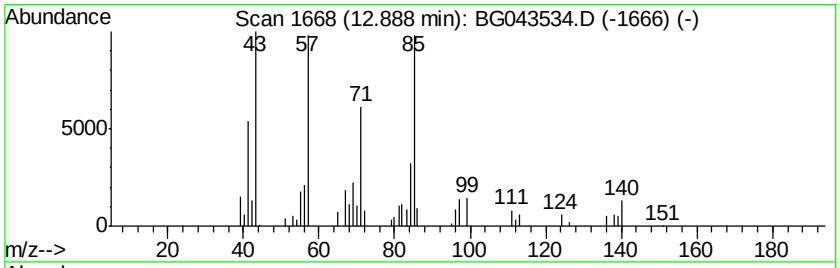
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

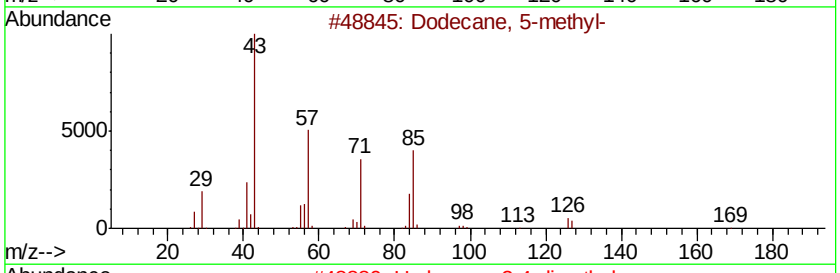
****

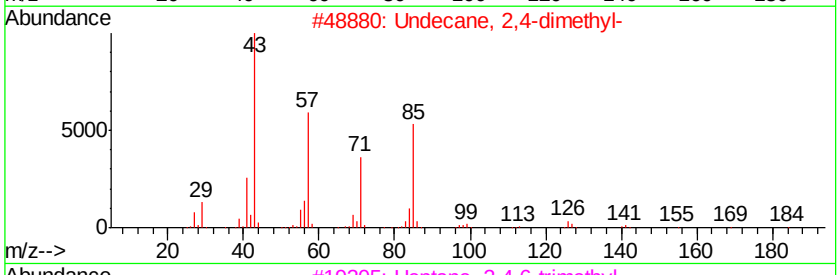
Peak Number 10 Dodecane, 5-methyl- Concentration Rank 15

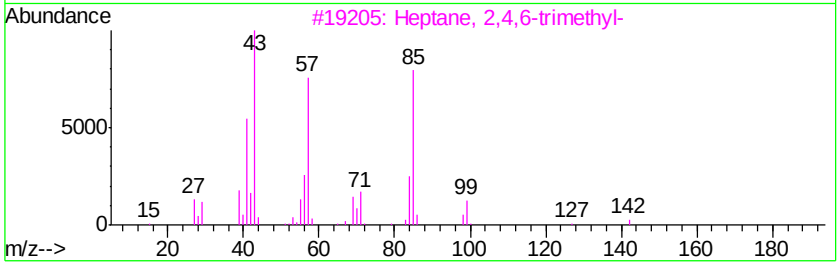
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	4.56 ng	100982	Acenaphthene-d10	14.64

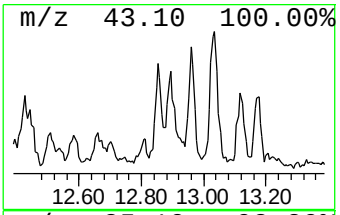
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 5-methyl-	184	C13H28	017453-93-9	64
2	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	59
3	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	58
4	Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	50
5	2,4-Dimethyldodecane	198	C14H30	006117-99-3	50

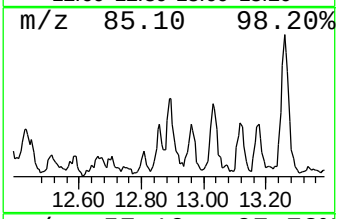


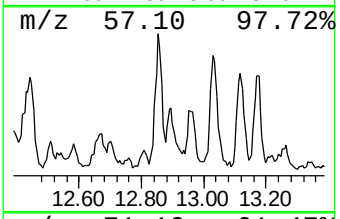


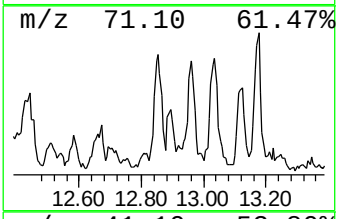


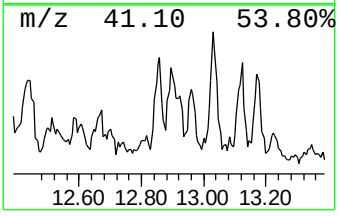












Library Search Compound Report

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Acq On : 7 Nov 2019 00:01
Operator : JU
Sample : K5675-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-110519

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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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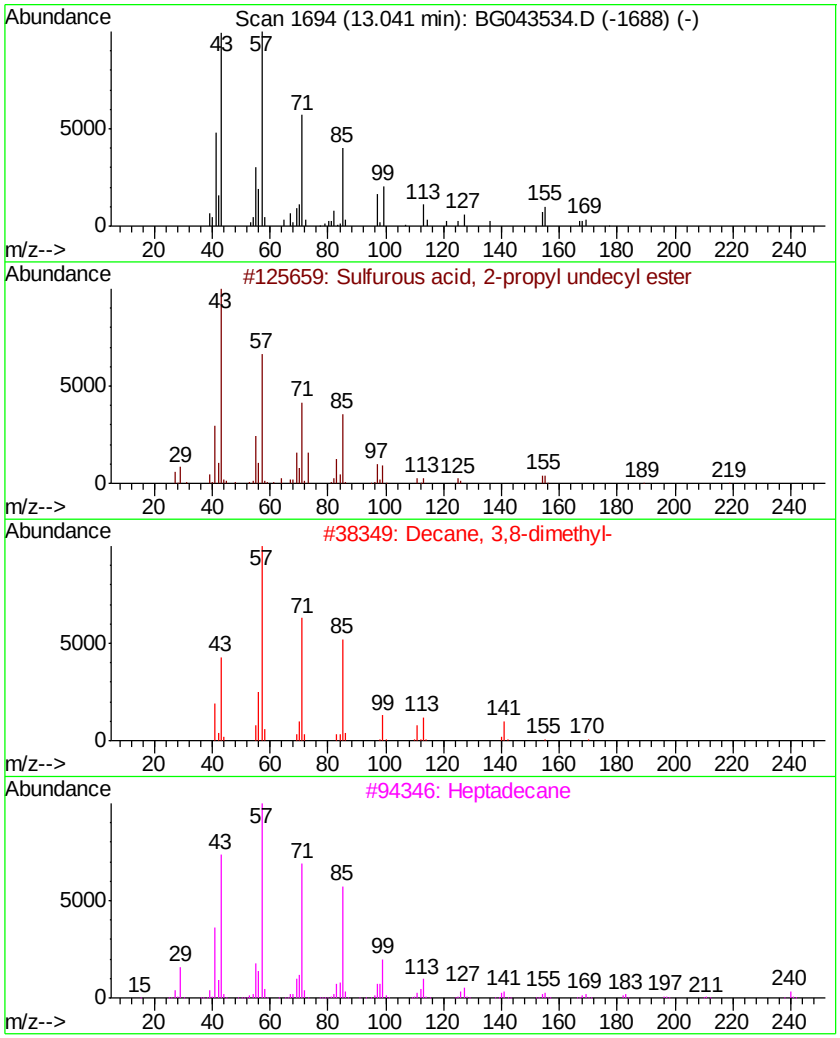
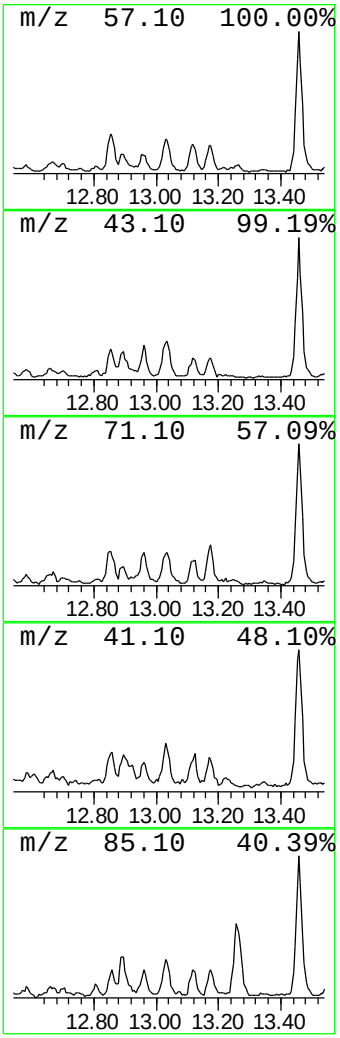
Peak Number 11 Sulfurous acid, 2-propyl un... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	3.89 ng	86161	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	64
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	59
3	Heptadecane	240	C17H36	000629-78-7	53
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
5	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	53





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ClientSampleId : TR-05-110519

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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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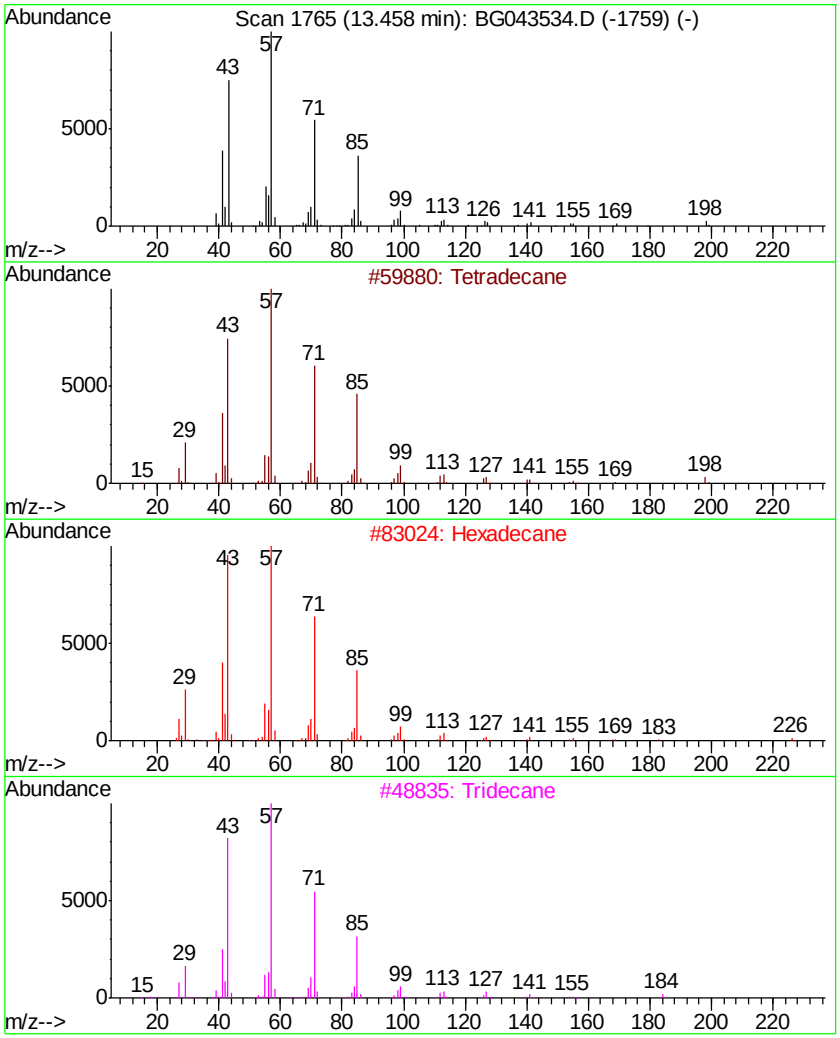
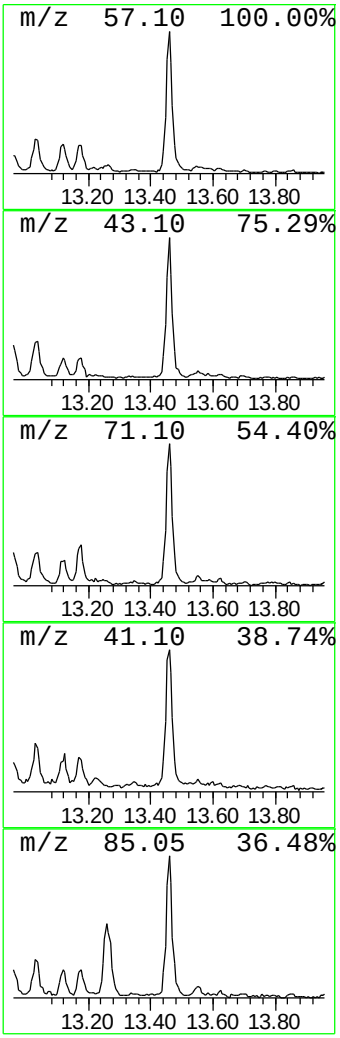
Peak Number 12 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	14.86 ng	329012	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Undecane	156	C11H24	001120-21-4	90
5	Pentadecane	212	C15H32	000629-62-9	83





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ClientSampleId : TR-05-110519

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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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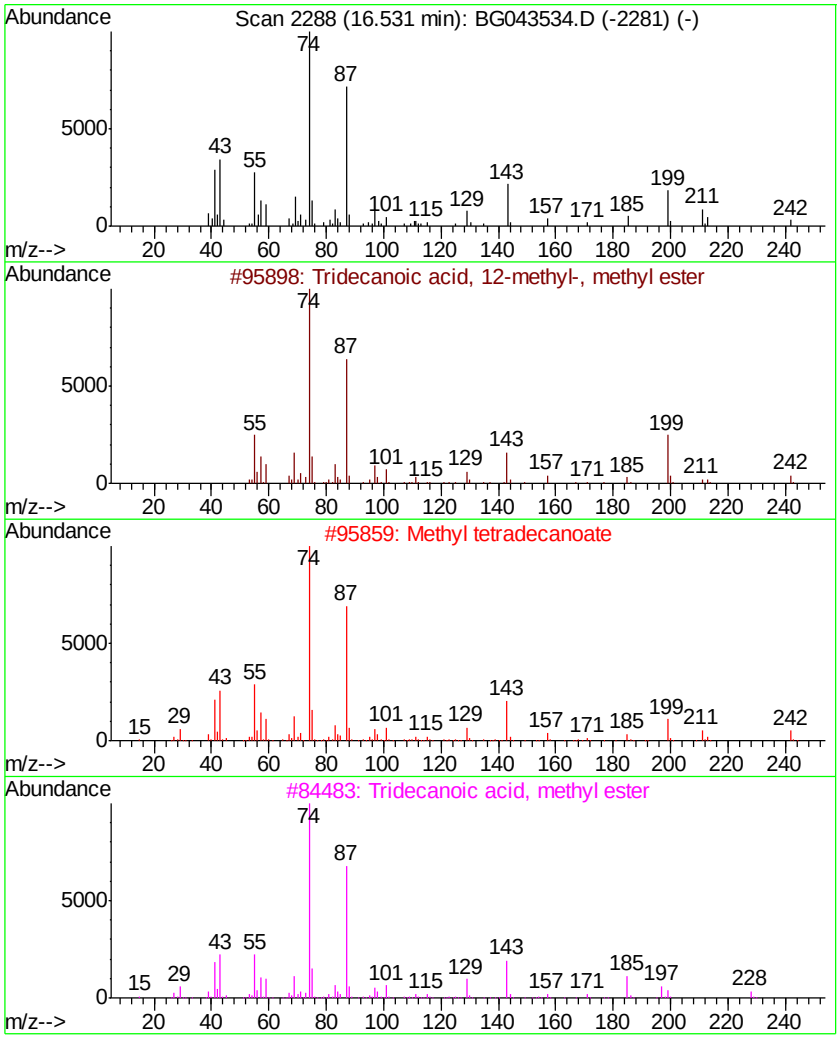
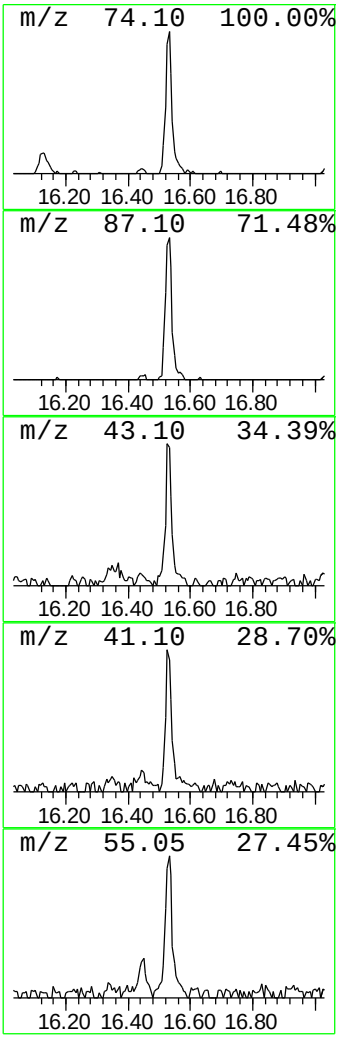
Peak Number 13 Tridecanoic acid, 12-methyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	4.08 ng	104118	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	96
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	80
4	Undecanoic acid, 10-methyl-, met...	214	C13H26O2	005129-56-6	80
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	78





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Instrument : BNA_G
ClientSampleId : TR-05-110519

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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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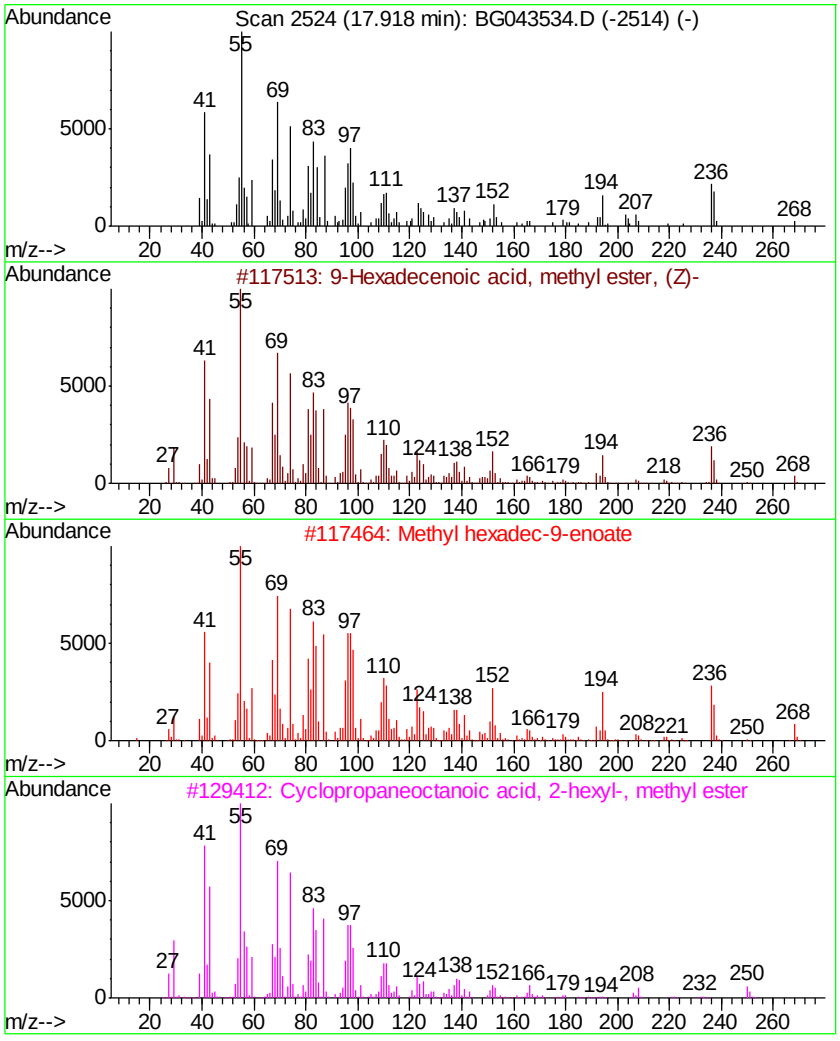
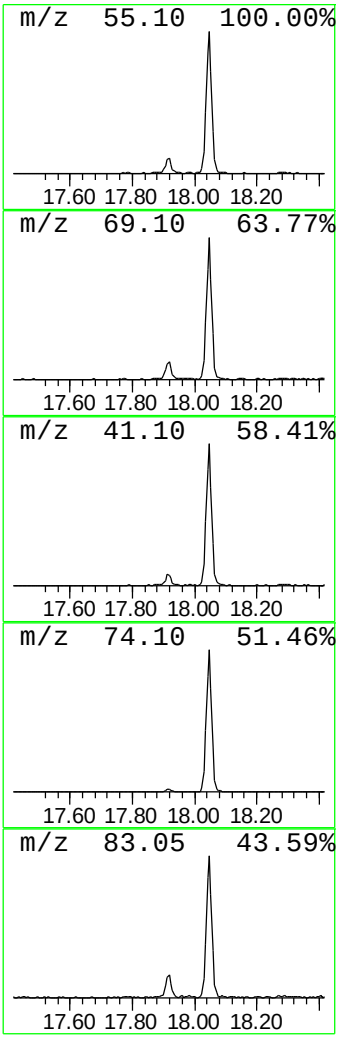
Peak Number 14 Methyl hexadec-9-enoate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	7.46 ng	190665	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	99
2	Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	90
3	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	81
4	Methyl 11-hexadecenoate	268	C17H32O2	1000336-35-5	74
5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	72





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ClientSampleId : TR-05-110519

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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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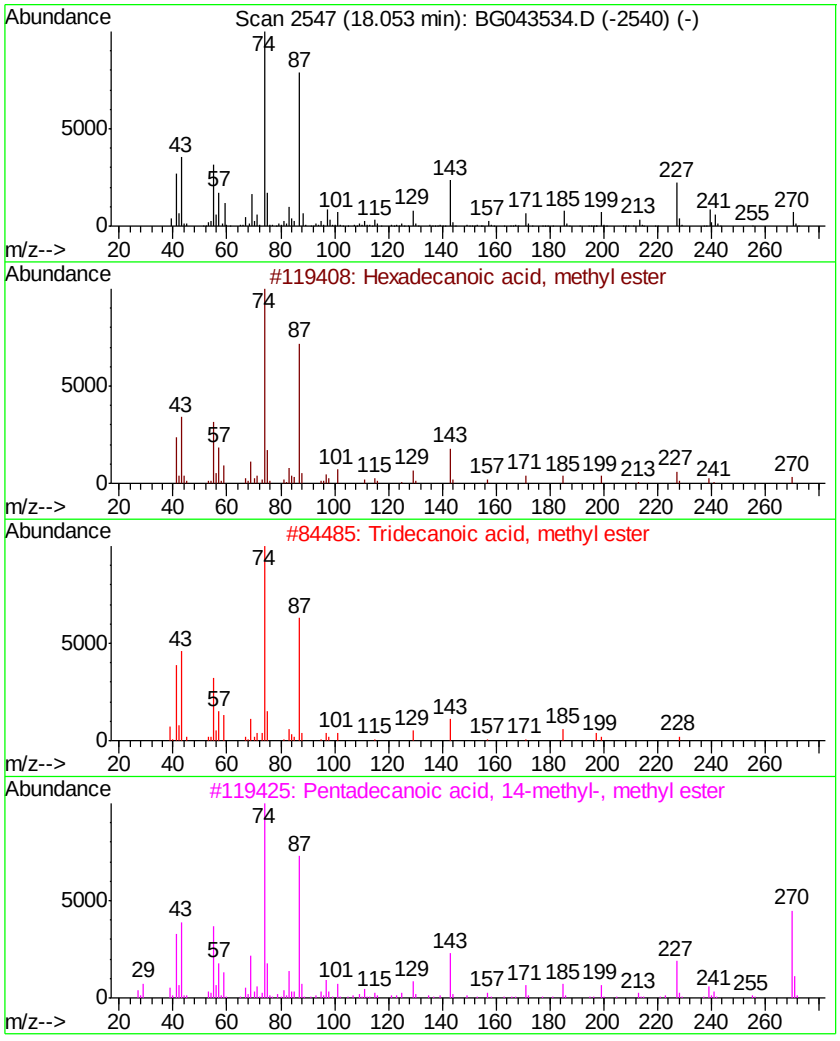
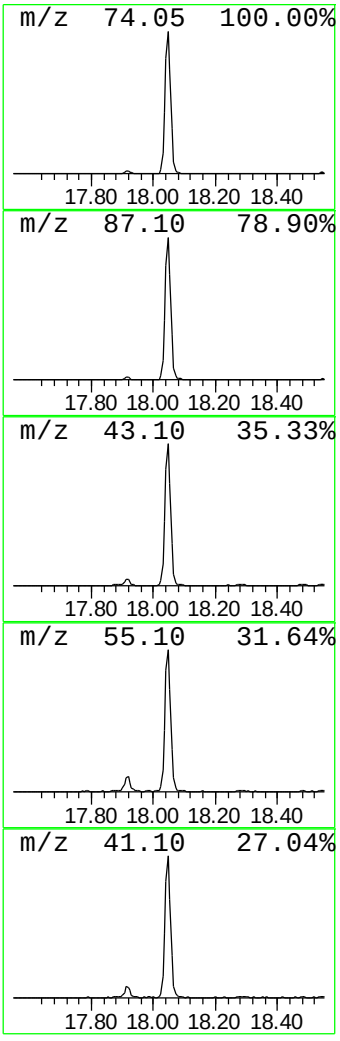
Peak Number 15 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	89.61 ng	2289150	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	95
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	81
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	74





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Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

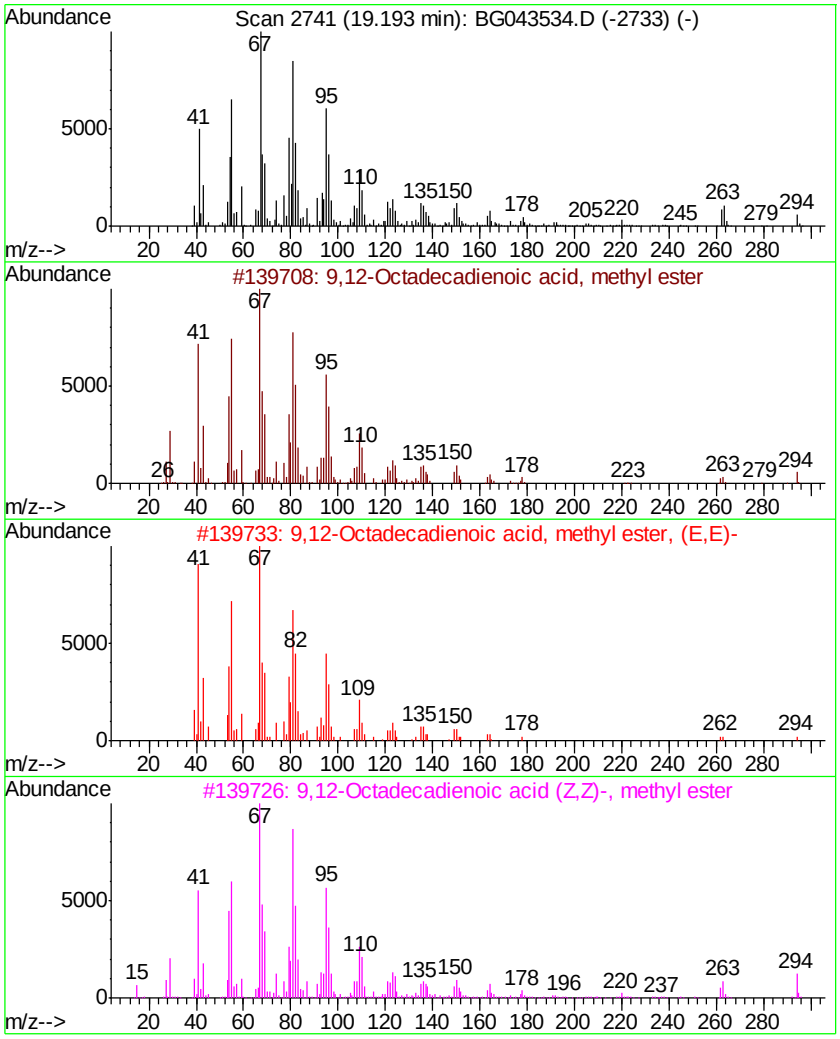
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

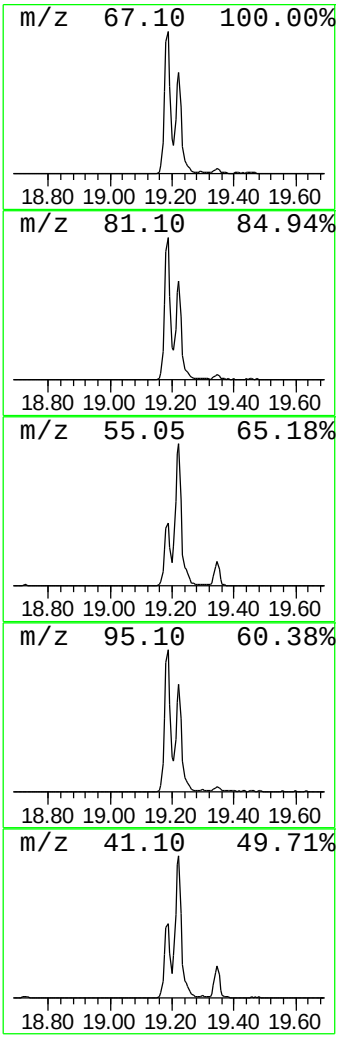
****

Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	142.86 ng	3649540	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	94
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	93





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Sample : K5675-01
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Instrument : BNA_G
ClientSampleId : TR-05-110519

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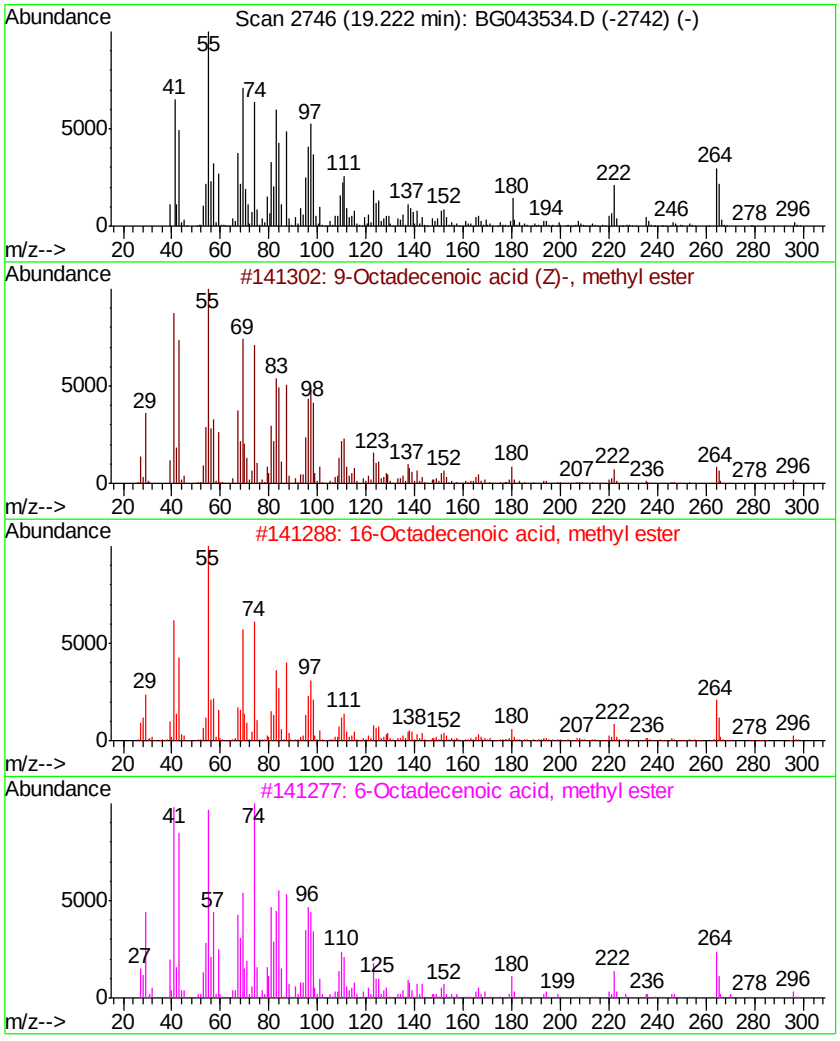
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

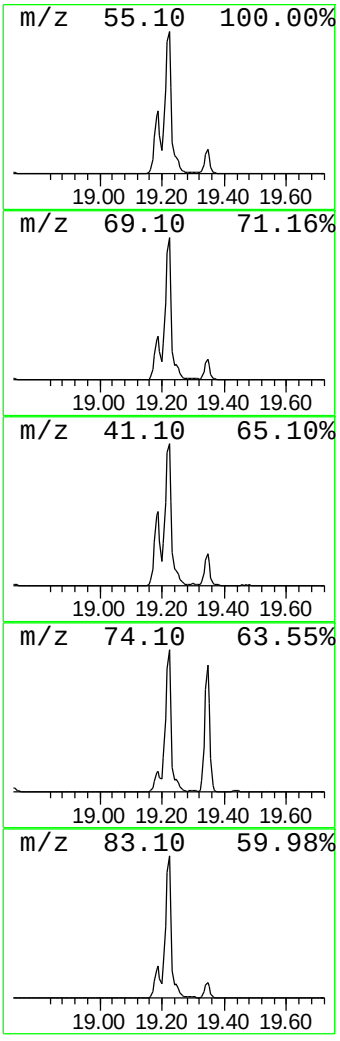
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	278.63 ng	7118110	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	96
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	96
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	96





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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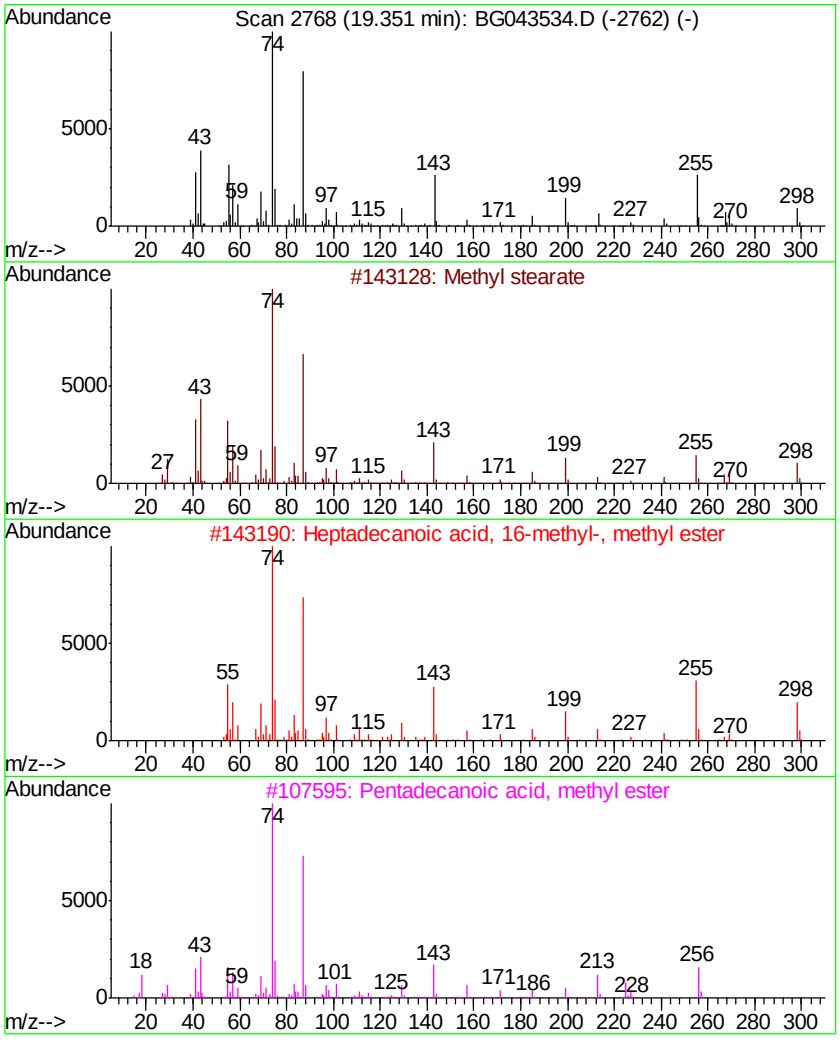
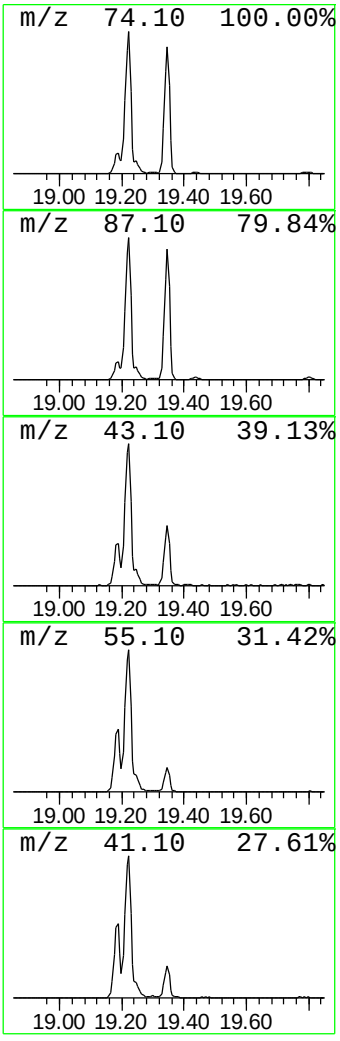
Peak Number 18 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	51.14 ng	1306350	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	99
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	83
5	Methyl 13-methyltetradecanoate	256	C16H32O2	1000336-31-4	83





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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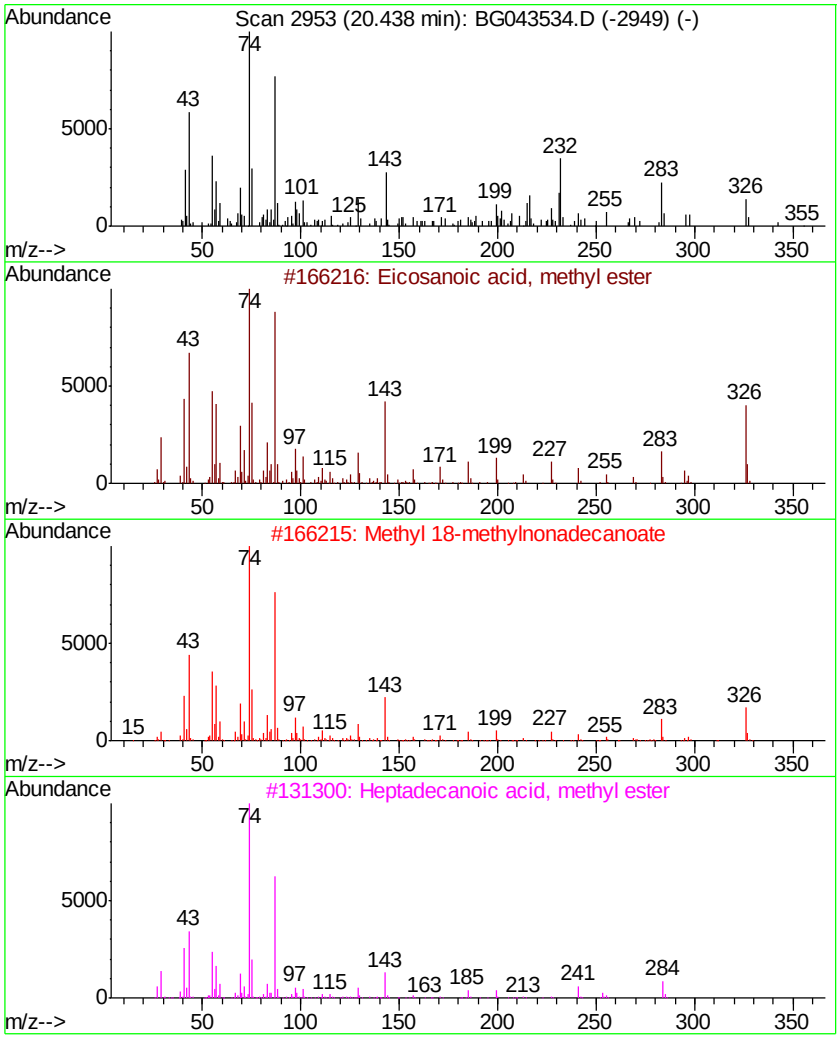
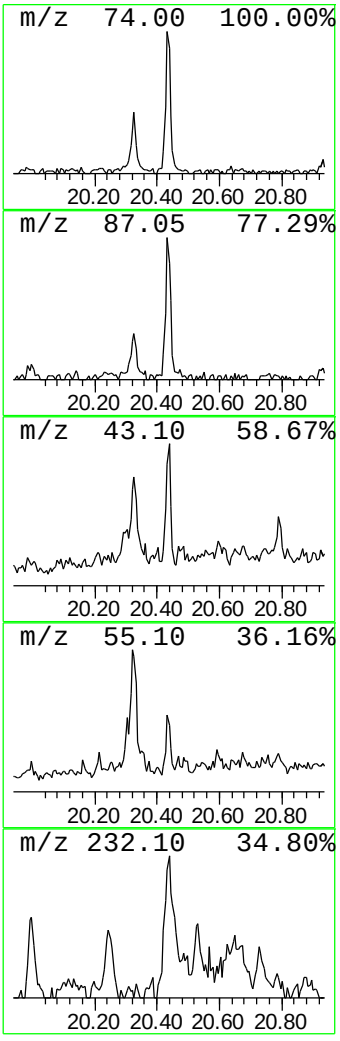
Peak Number 19 Eicosanoic acid, methyl ester Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	2.47 ng	113838	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	93
2	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	90
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	86
4	Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	83





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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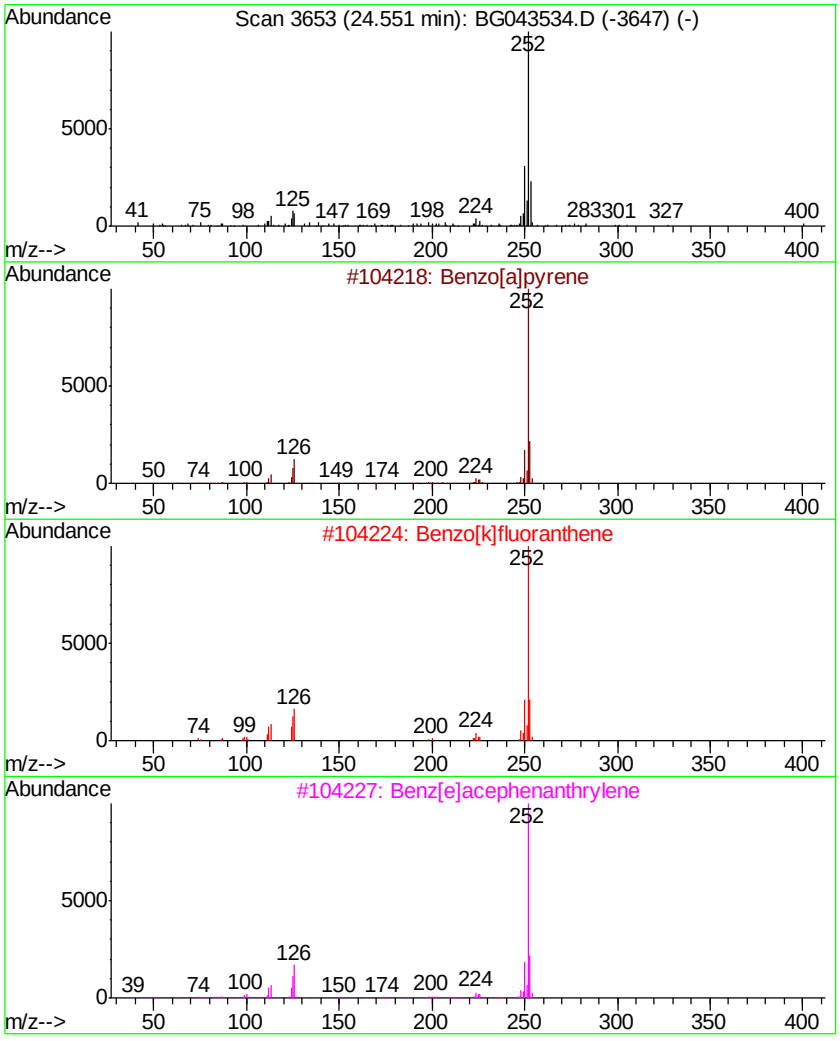
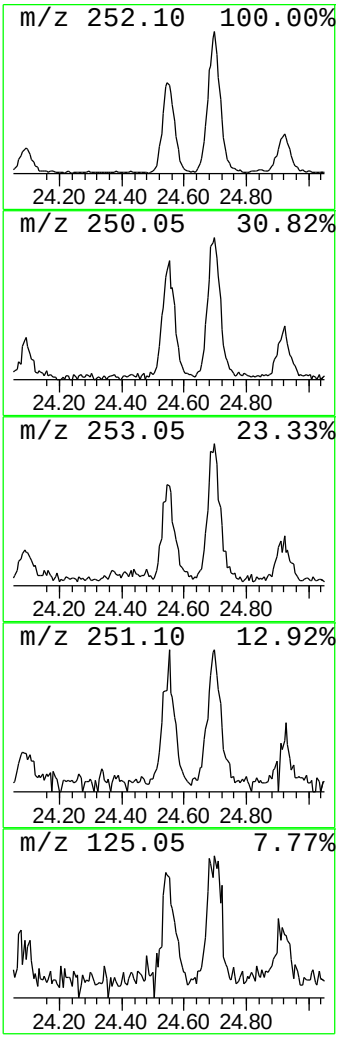
Peak Number 20 Benzo[e]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.55	3.82 ng	144121	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	90
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
4	Benzo[e]pyrene	252	C20H12	000192-97-2	81
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110619\
Data File : BG043534.D
Acq On : 7 Nov 2019 00:01
Operator : JU
Sample : K5675-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-110519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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...	3.18	10.9	ng	128084	1	8.01	235508	20.0
2-Pentanone, 4-hy...	5.12	12.9	ng	152058	1	8.01	235508	20.0
unknown7.55	7.55	57.9	ng	682193	1	8.01	235508	20.0
Dodecane, 4-methyl-	11.64	4.8	ng	71213	2	10.81	296011	20.0
Octacosane	11.72	8.8	ng	129995	2	10.81	296011	20.0
Decane, 2-methyl-	11.82	13.2	ng	195733	2	10.81	296011	20.0
Tridecane	12.22	53.2	ng	786911	2	10.81	296011	20.0
Tridecane, 6-methyl-	12.85	4.0	ng	87877	3	14.64	442808	20.0
Dodecane, 5-methyl-	12.89	4.6	ng	100982	3	14.64	442808	20.0
Sulfurous acid, 2...	13.04	3.9	ng	86161	3	14.64	442808	20.0
Tetradecane	13.46	14.9	ng	329012	3	14.64	442808	20.0
Tridecanoic acid,...	16.53	4.1	ng	104118	4	17.38	510937	20.0
Methyl hexadec-9-...	17.92	7.5	ng	190665	4	17.38	510937	20.0
Hexadecanoic acid...	18.05	89.6	ng	2289150	4	17.38	510937	20.0
9,12-Octadecadien...	19.19	142.9	ng	3649540	4	17.38	510937	20.0
9-Octadecenoic ac...	19.22	278.6	ng	7118110	4	17.38	510937	20.0
Methyl stearate	19.35	51.1	ng	1306350	4	17.38	510937	20.0
Eicosanoic acid, ...	20.44	2.5	ng	113838	5	21.65	922575	20.0
Benzo[e]pyrene	24.55	3.8	ng	144121	6	24.84	754919	20.0