LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043575.D
Acq On : 8 Nov 2019 18:41
Operator : JU
Sample : K5742-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-11-(12-14)

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	3.173	9	14	25	rVB	108215	190178	8.29%	1.432%
2	5.106	337	343	354	rBV	102601	170682	7.44%	1.285%
3	5.599	420	427	448	rBV	499833	905221	39.44%	6.817%
4	7.209	693	701	714	rBV	534952	1052117	45.84%	7.923%
5	7.550	752	759	780	rBV	569064	1019883	44.44%	7.680%
6	8.003	829	836	844	rBV	100143	179057	7.80%	1.348%
7	8.326	883	891	903	rBV	414519	757446	33.00%	5.704%
8	9.166	1026	1034	1052	rBV	284991	588186	25.63%	4.429%
9	10.811	1307	1314	1324	rBV	112482	228813	9.97%	1.723%
10	13.255	1722	1730	1748	rBV	847334	1430556	62.33%	10.773%
11	13.531	1771	1777	1782	rBV2	28716	42346	1.85%	0.319%
12	14.089	1864	1872	1886	rBV	59565	113311	4.94%	0.853%
13	14.636	1957	1965	1980	rBV2	214746	369961	16.12%	2.786%
14	16.128	2209	2219	2235	rBV	809337	1378784	60.08%	10.383%
15	17.380	2426	2432	2448	rBV	257047	463000	20.17%	3.487%
16	17.497	2448	2452	2458	rVB3	21957	32274	1.41%	0.243%
17	18.273	2580	2584	2592	rBV2	13807	26508	1.16%	0.200%
18	19.131	2725	2730	2736	rBV5	34764	85638	3.73%	0.645%
19	19.184	2736	2739	2749	rVB5	19700	42224	1.84%	0.318%
20	19.436	2773	2782	2786	rBV2	16294	25001	1.09%	0.188%
21	19.759	2832	2837	2841	rBV	37553	42392	1.85%	0.319%
22	19.994	2870	2877	2886	rBV	1714057	2294995	100.00%	17.283%
23	20.288	2923	2927	2933	rBV	72895	93113	4.06%	0.701%
24	20.788	3007	3012	3016	rBV	77963	96999	4.23%	0.730%
25	21.287	3093	3097	3111	rBV3	76591	181225	7.90%	1.365%
26	21.645	3151	3158	3172	rBV2	283746	545256	23.76%	4.106%
27	21.833	3185	3190	3195	rBV4	33823	51651	2.25%	0.389%
28	22.427	3286	3291	3297	rBV2	32684	55926	2.44%	0.421%
29	23.108	3403	3407	3412	rBV4	29994	52056	2.27%	0.392%
30	23.308	3436	3441	3448	rVB3	31051	62402	2.72%	0.470%
31	23.902	3537	3542	3551	rVB4	27174	58263	2.54%	0.439%
32	24.836	3692	3701	3713	rBV3	193508	596244	25.98%	4.490%
33	25.952	3884	3891	3901	rVB3	16270	47385	2.06%	0.357%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043575.D
Acq On : 8 Nov 2019 18:41
Operator : JU
Sample : K5742-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-11-(12-14)

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

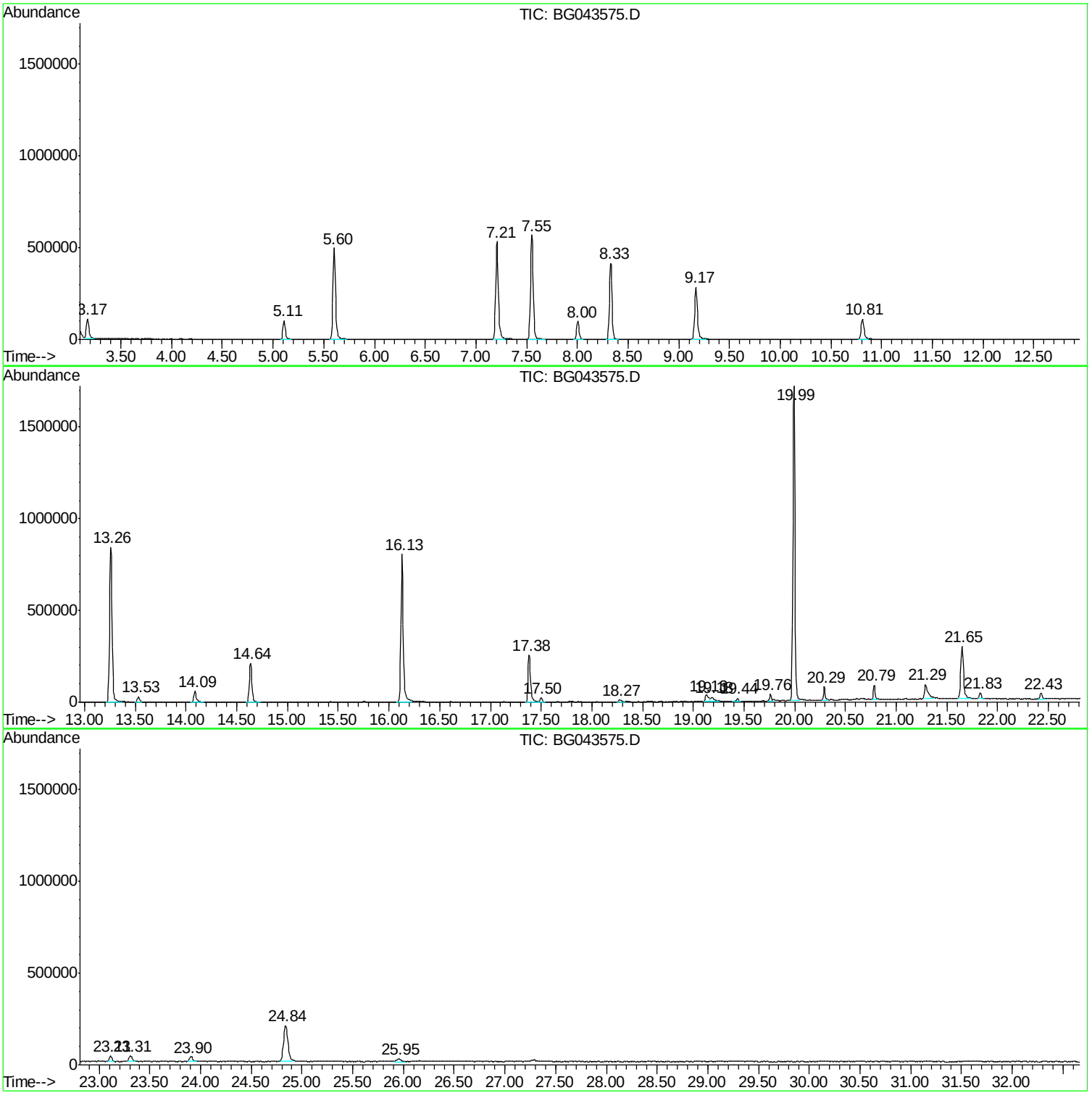
Sum of corrected areas: 13279093

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043575.D
Acq On : 8 Nov 2019 18:41
Operator : JU
Sample : K5742-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-11-(12-14)

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043575.D
Acq On : 8 Nov 2019 18:41
Operator : JU
Sample : K5742-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-11-(12-14)

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

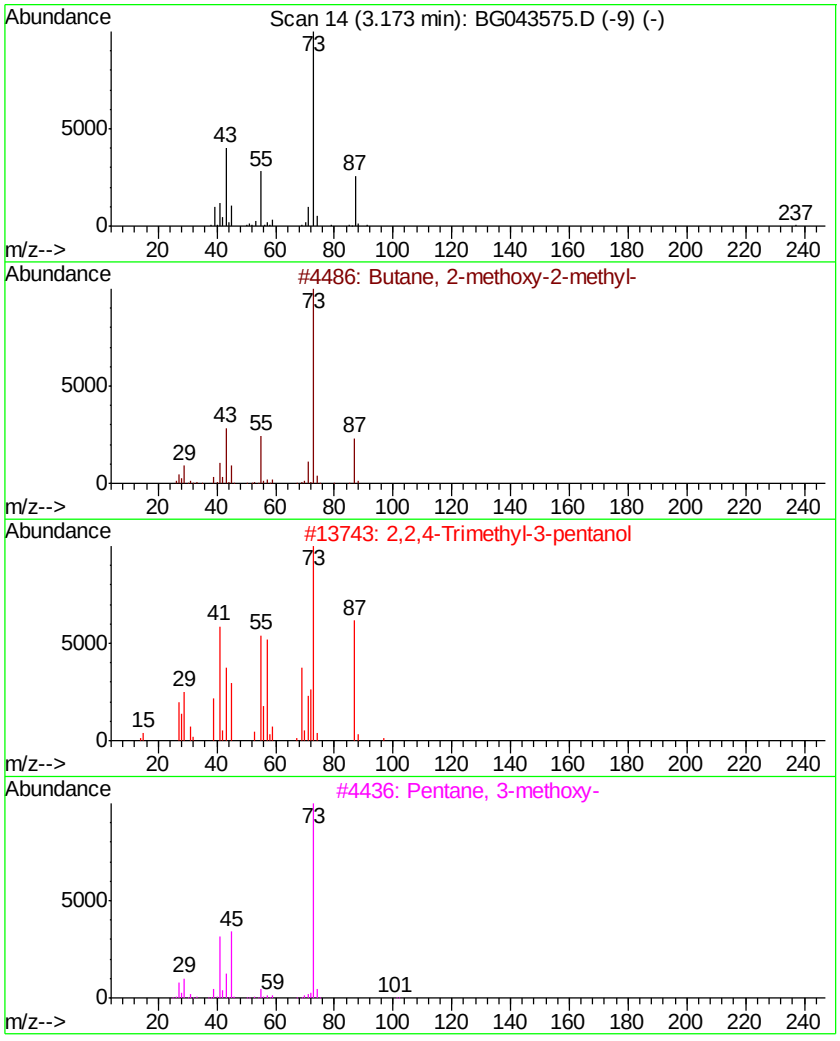
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

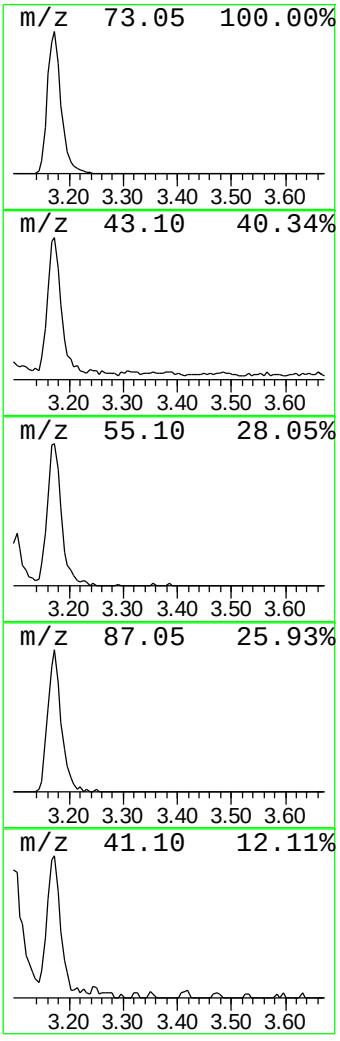
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	21.24 ng	190178	1,4-Dichlorobenzene-d4	8.00

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	50
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043575.D
Acq On : 8 Nov 2019 18:41
Operator : JU
Sample : K5742-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-11-(12-14)

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

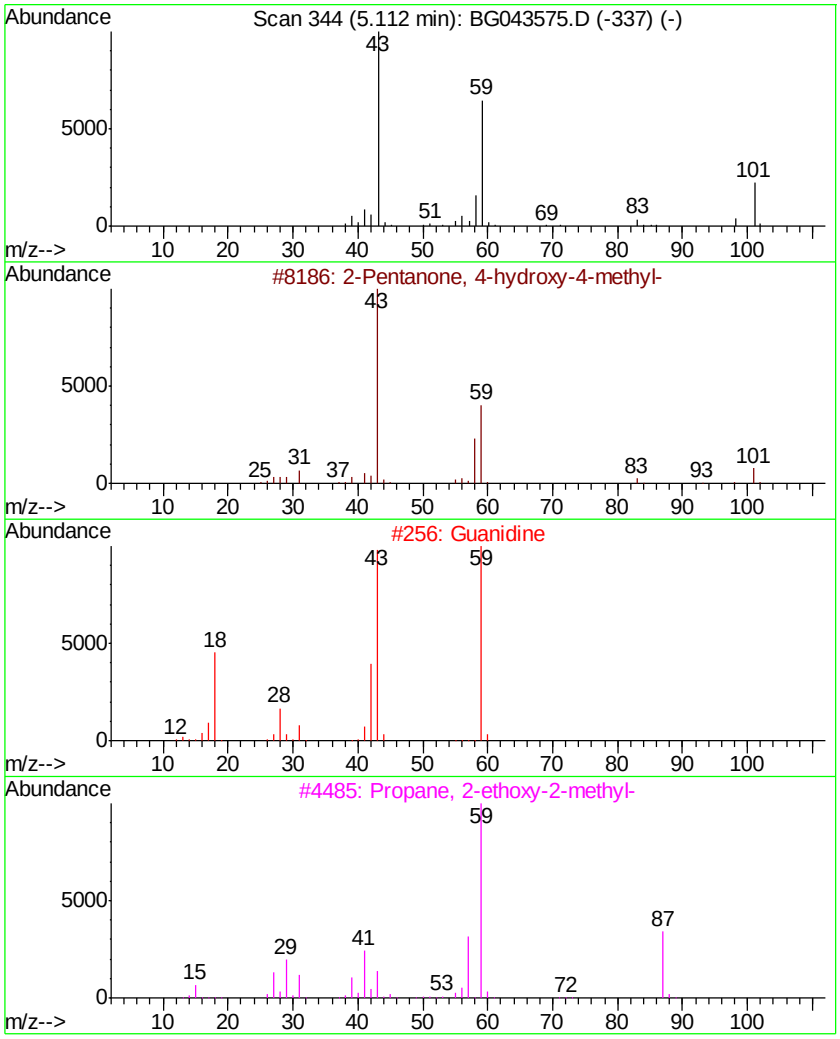
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

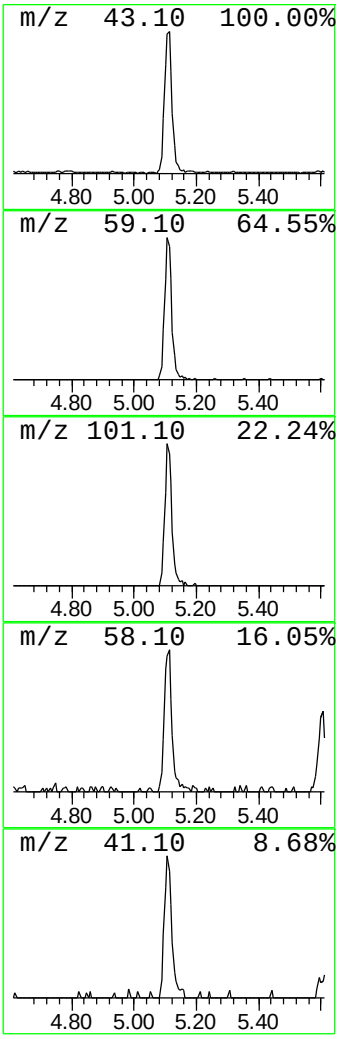
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	19.06 ng	170682	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Guanidine	59	CH5N3	000113-00-8	43
3	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043575.D
Acq On : 8 Nov 2019 18:41
Operator : JU
Sample : K5742-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-11-(12-14)

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

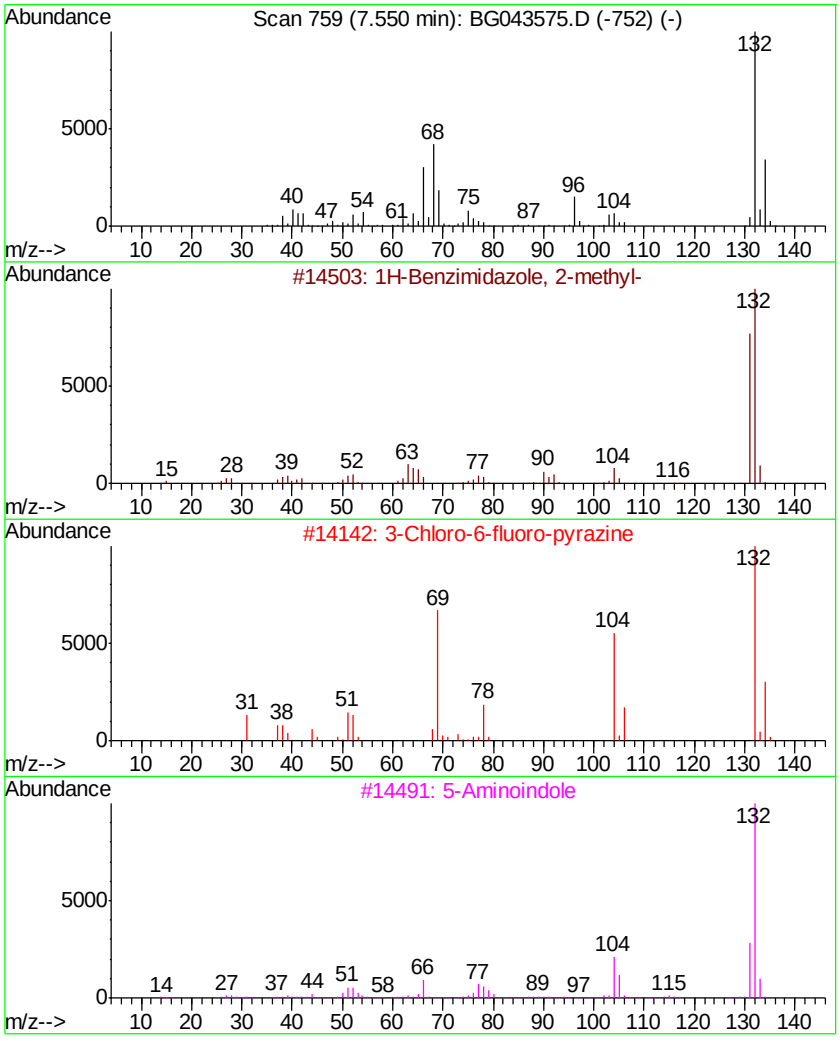
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

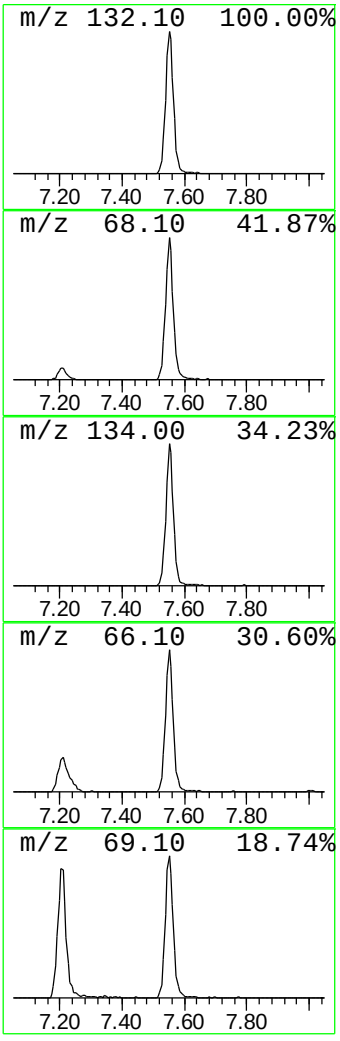
****

Peak Number 3 unknown7.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	113.92 ng	1019880	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043575.D
Acq On : 8 Nov 2019 18:41
Operator : JU
Sample : K5742-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-11-(12-14)

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

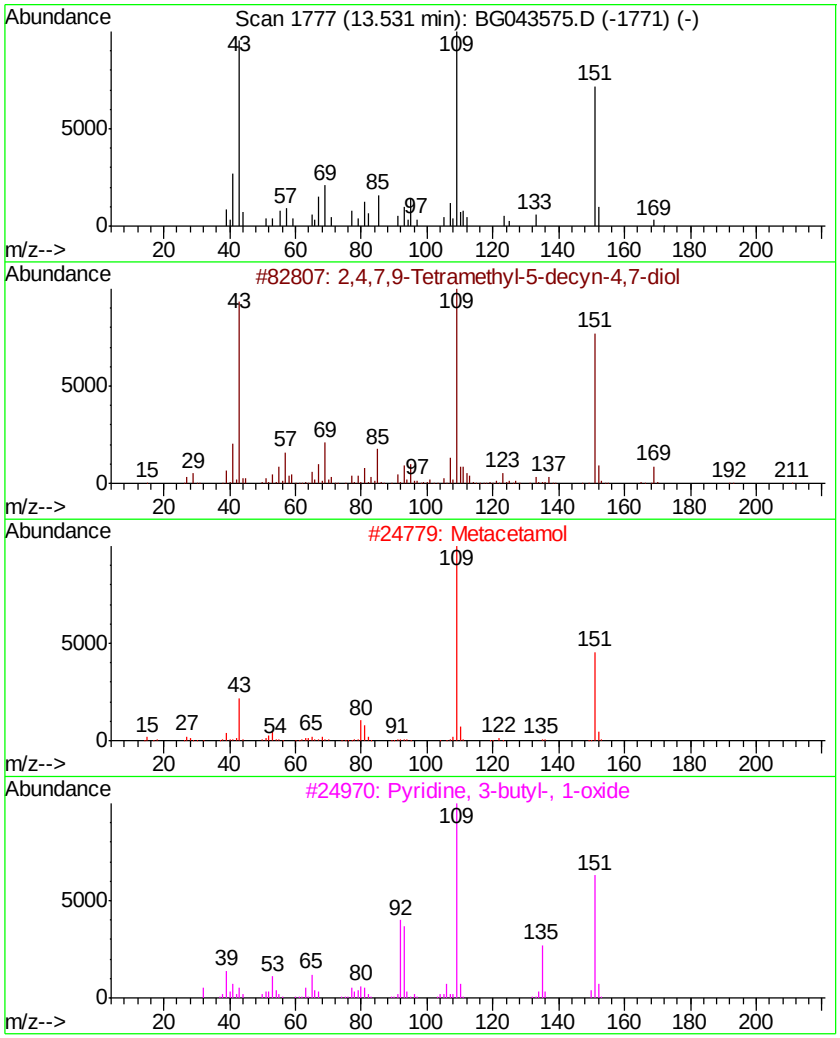
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

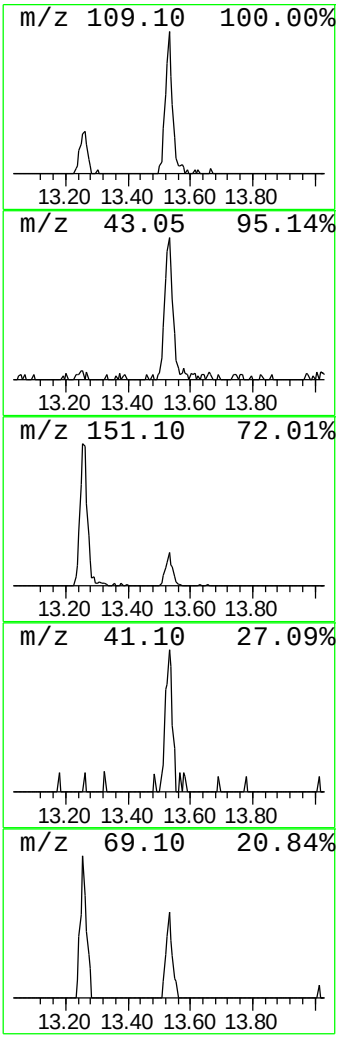
****

Peak Number 5 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	2.29 ng	42346	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90
2	Metacetamol	151	C8H9NO2	000621-42-1	53
3	Pyridine, 3-butyl-, 1-oxide	151	C9H13NO	031396-33-5	53
4	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	53
5	trans-3(10)-Caren-2-ol	152	C10H16O	1000151-66-5	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043575.D
Acq On : 8 Nov 2019 18:41
Operator : JU
Sample : K5742-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-11-(12-14)

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

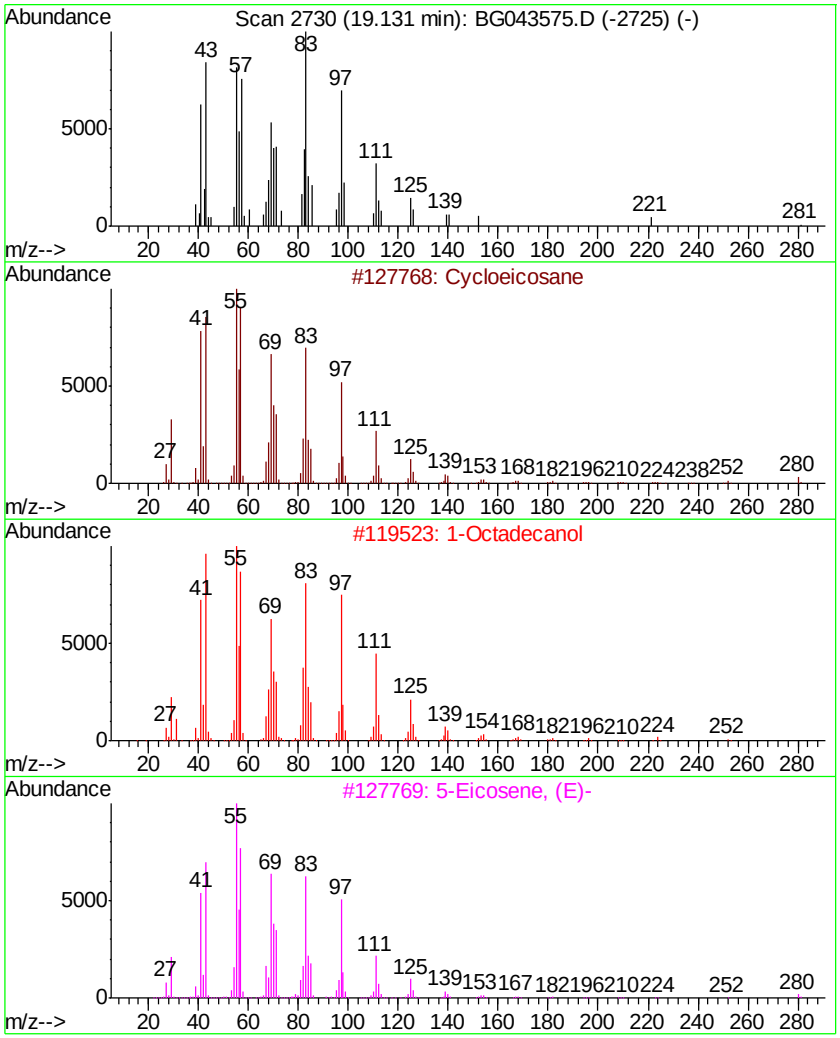
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

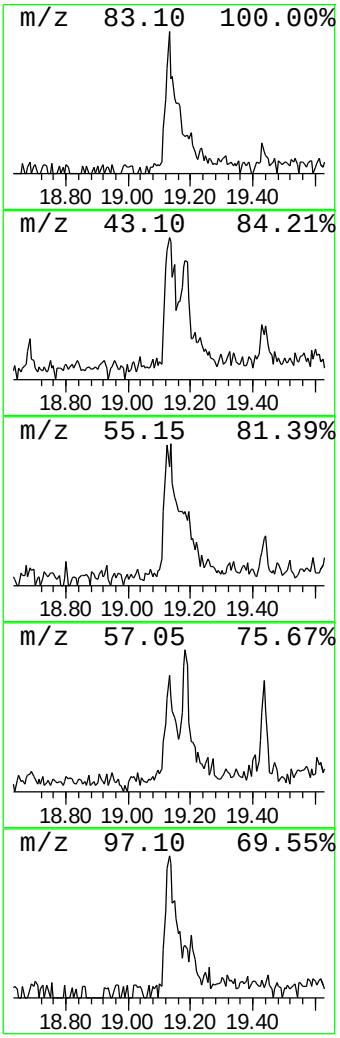
****

Peak Number 6 Cycloeicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	3.70 ng	85638	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	91
2	1-Octadecanol	270	C18H38O	000112-92-5	91
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	87
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	81
5	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043575.D
Acq On : 8 Nov 2019 18:41
Operator : JU
Sample : K5742-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-11-(12-14)

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

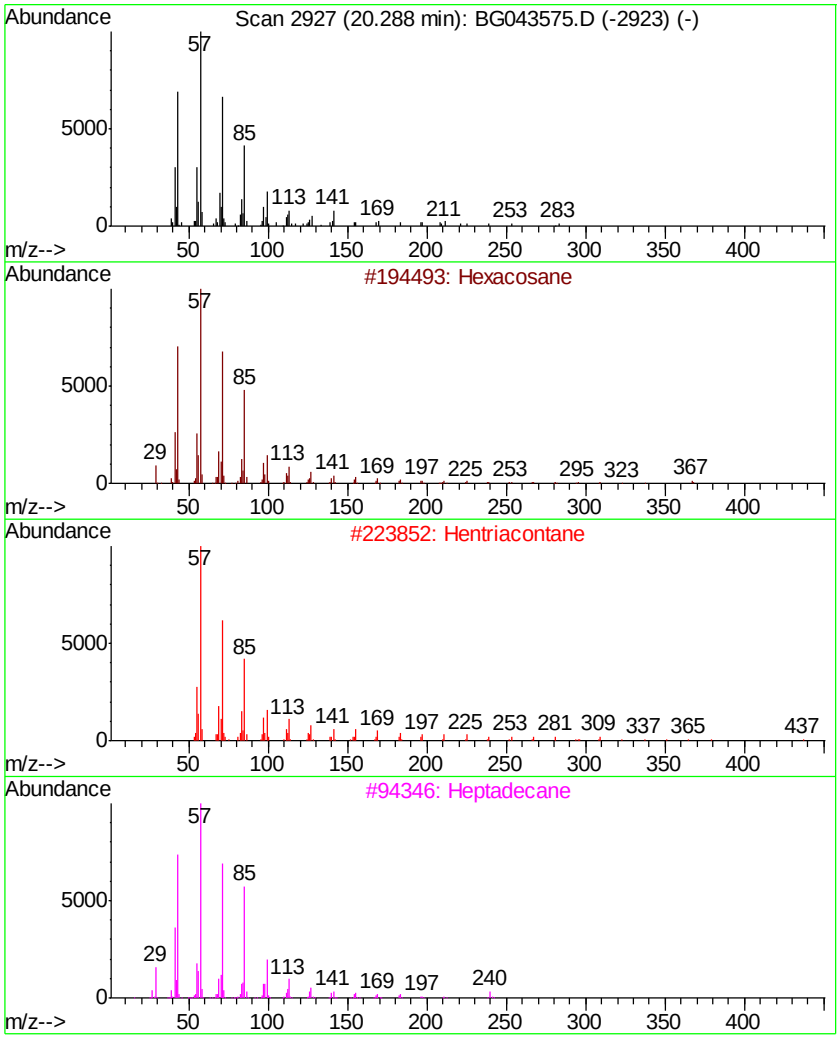
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

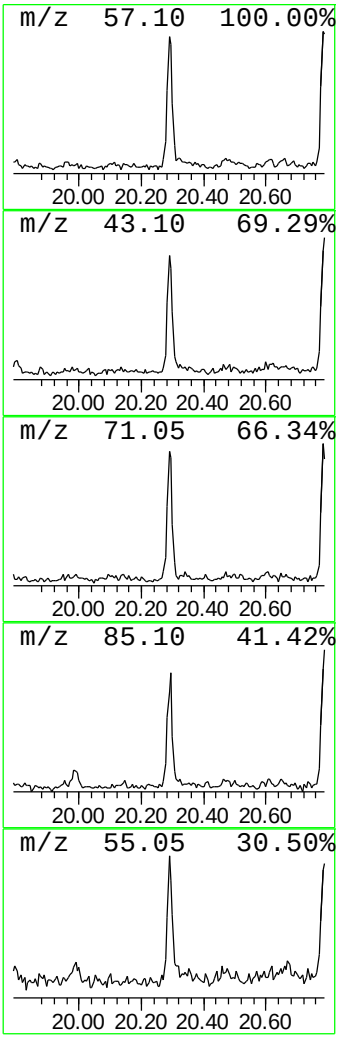
****

Peak Number 7 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	3.42 ng	93113	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Heptacosane	380	C27H56	000593-49-7	90
5	Octacosane	394	C28H58	000630-02-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043575.D
Acq On : 8 Nov 2019 18:41
Operator : JU
Sample : K5742-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-11-(12-14)

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

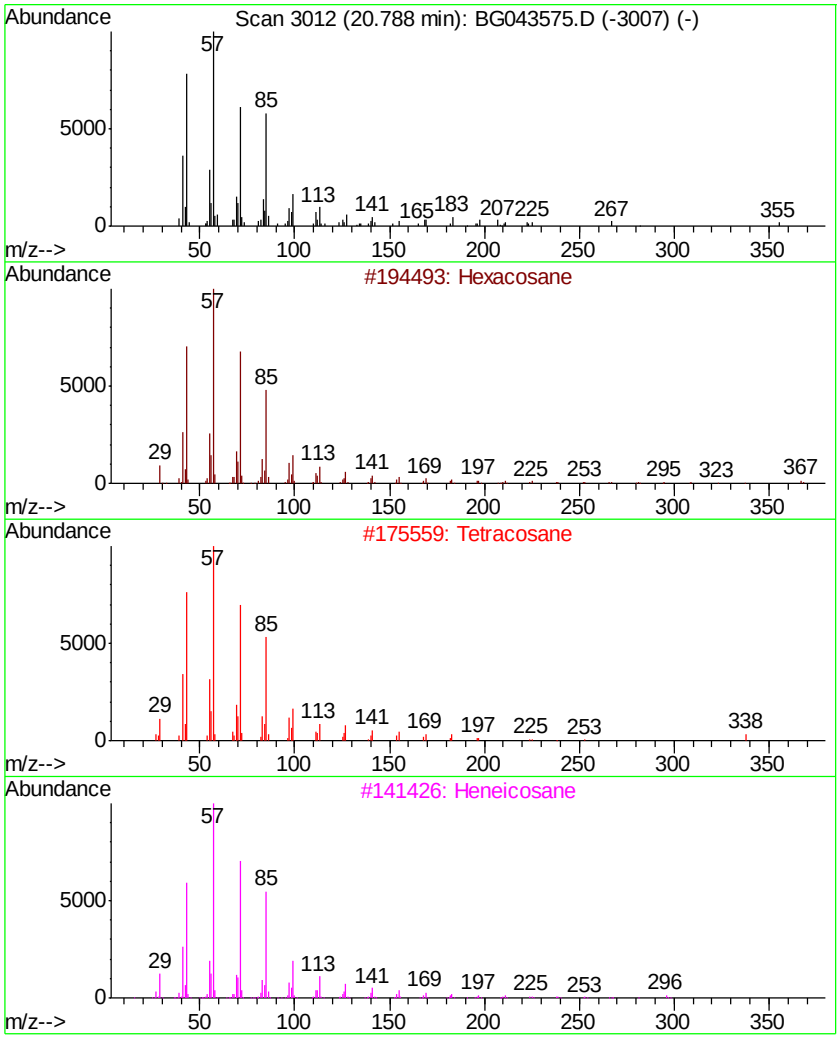
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

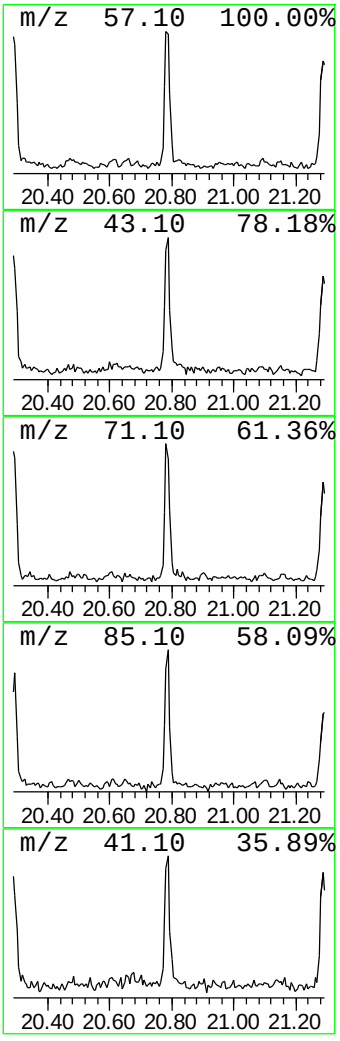
****

Peak Number 8 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	3.56 ng	96999	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptadecane	240	C17H36	000629-78-7	87
5	Nonadecane	268	C19H40	000629-92-5	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043575.D
Acq On : 8 Nov 2019 18:41
Operator : JU
Sample : K5742-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-11-(12-14)

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

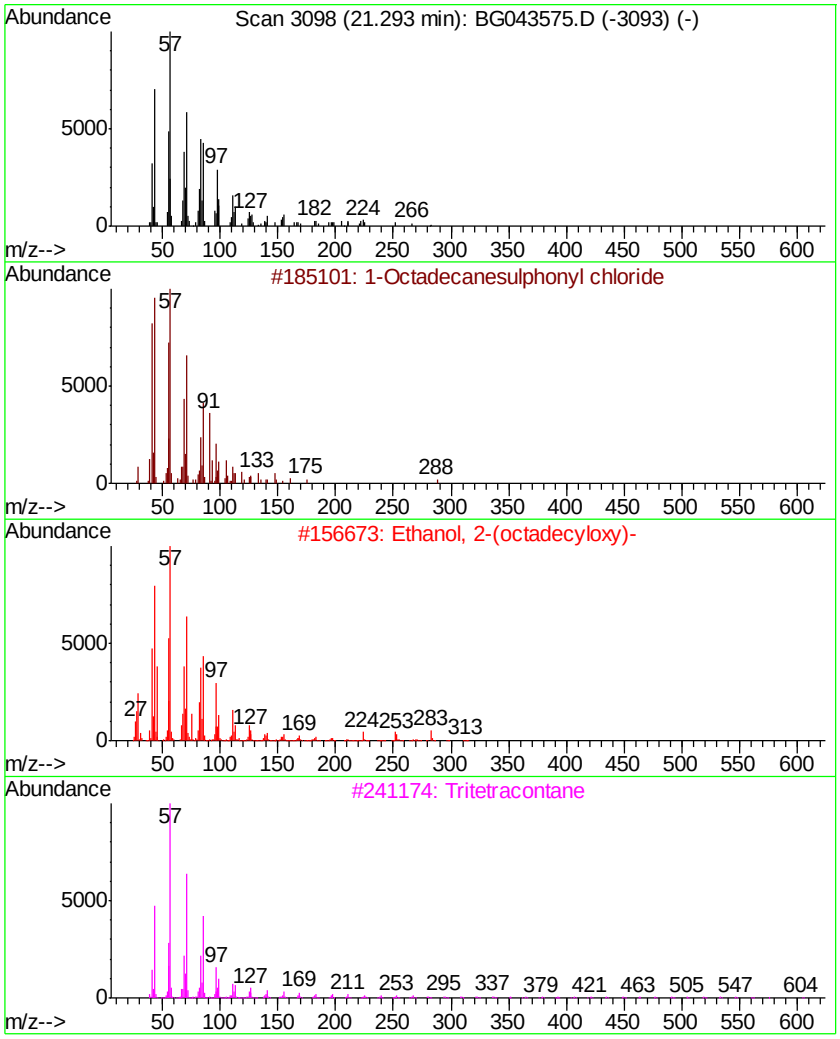
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

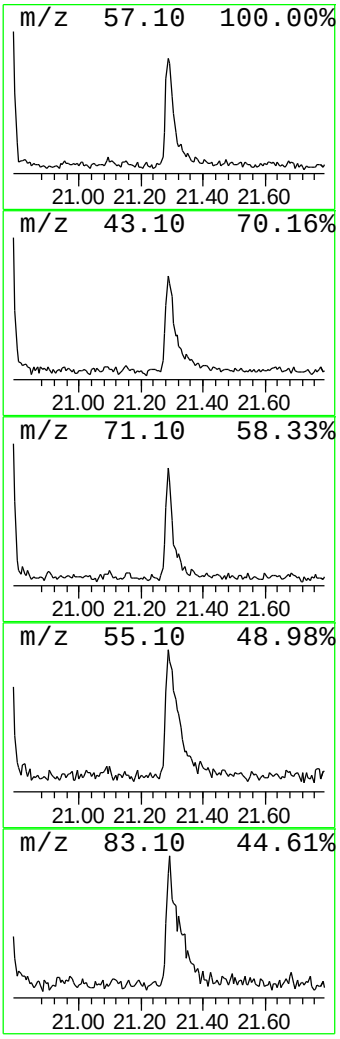
****

Peak Number 9 1-Octadecanesulphonyl chloride Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	6.65 ng	181225	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
2	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	91
3	Tritetracontane	605	C43H88	007098-21-7	87
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	83
5	Octacosane	394	C28H58	000630-02-4	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043575.D
Acq On : 8 Nov 2019 18:41
Operator : JU
Sample : K5742-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-11-(12-14)

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

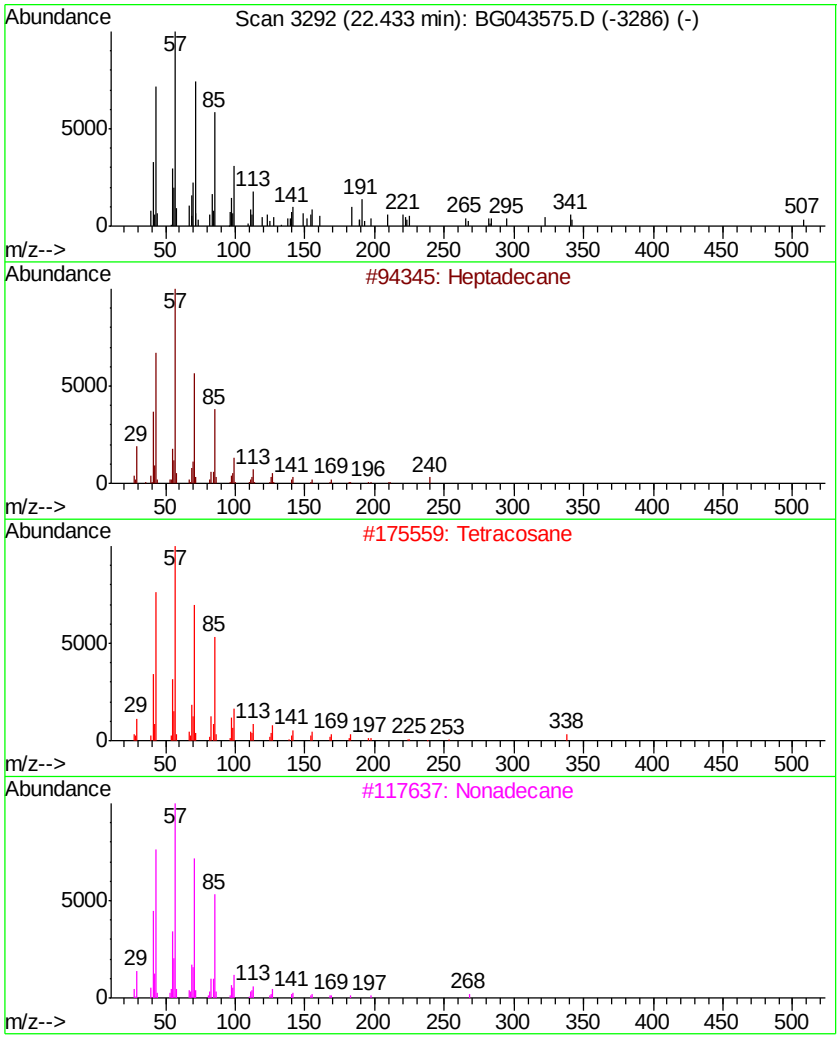
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

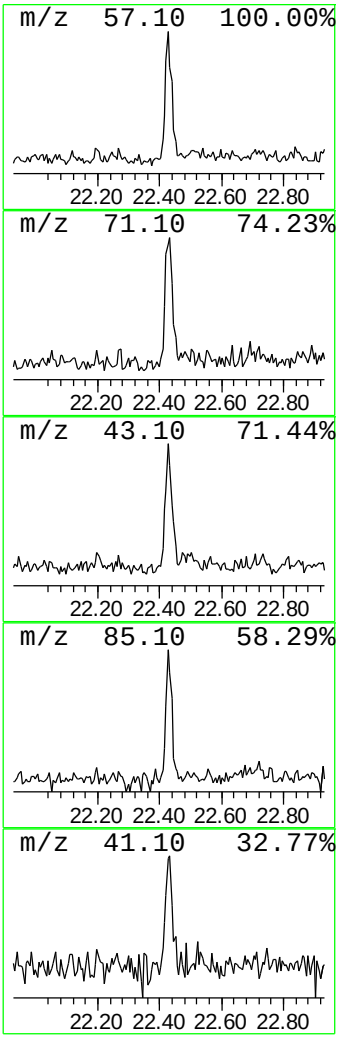
****

Peak Number 10 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	2.05 ng	55926	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Tetracosane	338	C24H50	000646-31-1	83
3	Nonadecane	268	C19H40	000629-92-5	83
4	Heneicosane	296	C21H44	000629-94-7	80
5	10-Methylnonadecane	282	C20H42	056862-62-5	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043575.D
Acq On : 8 Nov 2019 18:41
Operator : JU
Sample : K5742-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-11-(12-14)

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

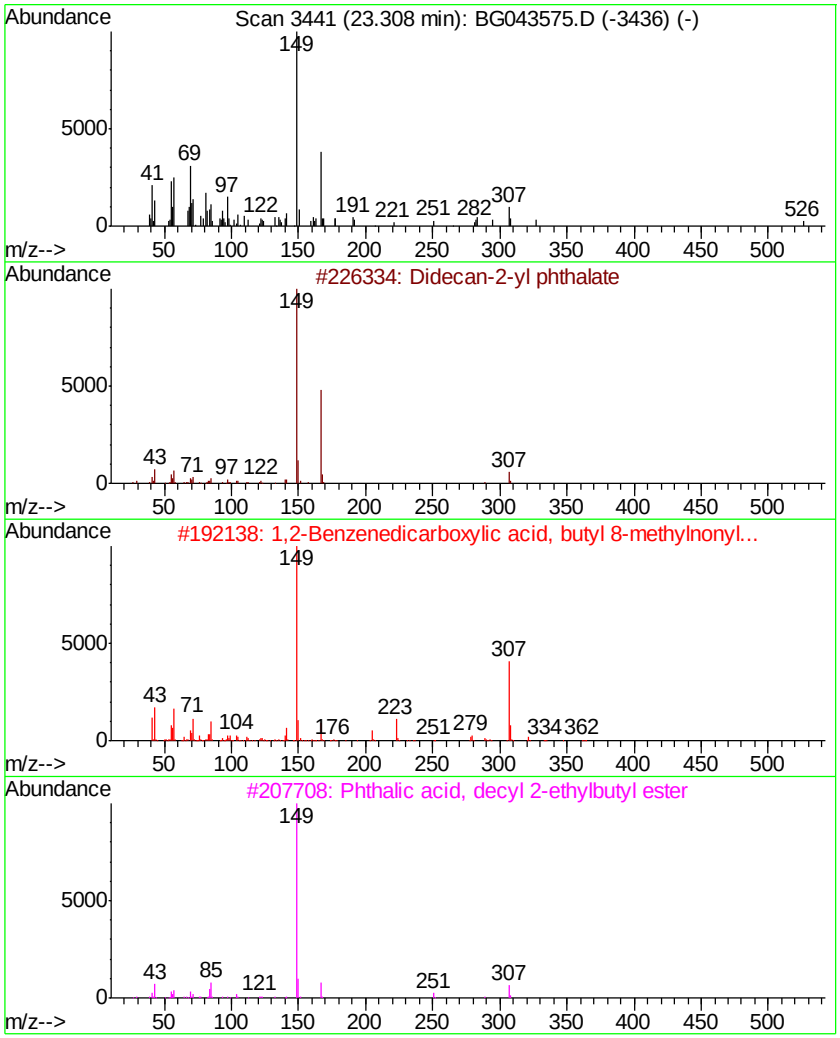
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

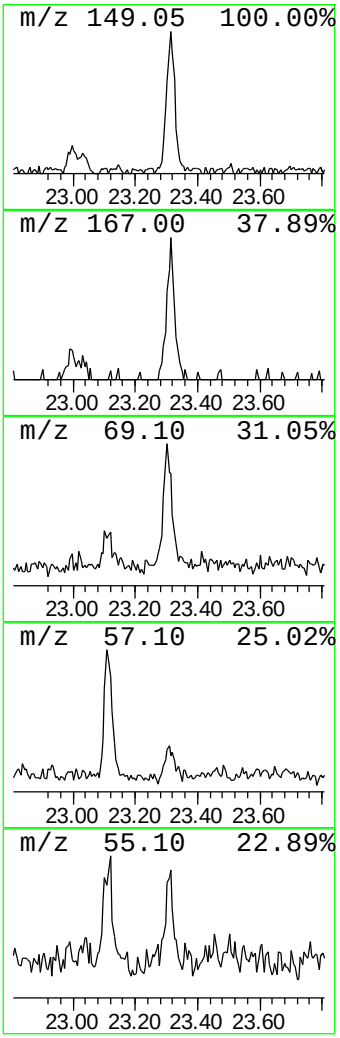
****

Peak Number 11 Didecan-2-yl phthalate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.31	2.09 ng	62402	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Didecan-2-yl phthalate	446	C28H46O4	028029-89-2	56
2	1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-18-9	53
3	Phthalic acid, decyl 2-ethylbutyl...	390	C24H38O4	1000356-89-5	53
4	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	50
5	Phthalic acid, cyclohexylmethyl ...	304	C18H24O4	1000309-08-7	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110819\
Data File : BG043575.D
Acq On : 8 Nov 2019 18:41
Operator : JU
Sample : K5742-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-11-(12-14)

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...	3.17	21.2	ng	190178	1	8.00	179057	20.0
2-Pentanone, 4-hy...	5.11	19.1	ng	170682	1	8.00	179057	20.0
unknown7.55	7.55	113.9	ng	1019880	1	8.00	179057	20.0
2,4,7,9-Tetrameth...	13.53	2.3	ng	42346	3	14.64	369961	20.0
Cycloeicosane	19.13	3.7	ng	85638	4	17.38	463000	20.0
Hexacosane	20.29	3.4	ng	93113	5	21.65	545256	20.0
Tetracosane	20.79	3.6	ng	96999	5	21.65	545256	20.0
1-Octadecanesulph...	21.29	6.7	ng	181225	5	21.65	545256	20.0
Heptadecane	22.43	2.0	ng	55926	5	21.65	545256	20.0
Didecan-2-yl phth...	23.31	2.1	ng	62402	6	24.84	596244	20.0