LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
Data File : BG044472.D
Acq On : 18 Feb 2020 14:43
Operator : CG/JU
Sample : L1545-02 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 43ST-A

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-BG013020.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	4.988	318	323	331	rBV	27264	44560	2.65%	0.295%
2	5.470	398	405	413	rBV	389341	658653	39.21%	4.363%
3	5.529	413	415	424	rVB4	9748	20972	1.25%	0.139%
4	7.062	668	676	692	rBV	428738	767002	45.66%	5.081%
5	7.891	810	817	824	rBV	242613	404414	24.08%	2.679%
6	8.214	865	872	882	rBV	342584	601588	35.81%	3.985%
7	9.048	1007	1014	1027	rBV	231694	454026	27.03%	3.008%
8	10.693	1283	1294	1309	rBV	309117	597195	35.55%	3.956%
9	13.149	1706	1712	1722	rBV	679001	1102741	65.65%	7.305%
10	13.437	1753	1761	1770	rBV	163709	270812	16.12%	1.794%
11	13.984	1847	1854	1860	rBV	21235	42024	2.50%	0.278%
12	14.530	1940	1947	1955	rBV2	570476	877320	52.23%	5.812%
13	15.658	2134	2139	2150	rBV	116142	173974	10.36%	1.152%
14	16.017	2194	2200	2209	rBV	355741	601801	35.83%	3.986%
15	16.258	2235	2241	2243	rBV4	17352	28759	1.71%	0.191%
16	17.045	2370	2375	2380	rVV4	13202	23847	1.42%	0.158%
17	17.098	2380	2384	2392	rVB4	12316	21443	1.28%	0.142%
18	17.274	2407	2414	2419	rBV	711309	1112257	66.21%	7.368%
19	17.315	2419	2421	2427	rVB	101420	123501	7.35%	0.818%
20	17.409	2433	2437	2443	rVB	22148	32251	1.92%	0.214%
21	17.585	2463	2467	2476	rBV4	25711	46528	2.77%	0.308%
22	17.668	2476	2481	2486	rBV5	23318	51524	3.07%	0.341%
23	17.785	2498	2501	2507	rVB5	14796	21285	1.27%	0.141%
24	18.149	2560	2563	2567	rBV	17860	27068	1.61%	0.179%
25	18.196	2567	2571	2577	rVB2	29100	48316	2.88%	0.320%
26	18.343	2591	2596	2600	rBV2	28745	53763	3.20%	0.356%
27	18.379	2600	2602	2609	rVB3	22624	35959	2.14%	0.238%
28	18.473	2614	2618	2623	rBV5	17416	32119	1.91%	0.213%
29	18.649	2645	2648	2651	rBV	19849	25143	1.50%	0.167%
30	19.031	2709	2713	2717	rBV	90732	133295	7.94%	0.883%
31	19.107	2724	2726	2733	rVB6	21425	27430	1.63%	0.182%
32	19.201	2740	2742	2748	rVB2	14612	18967	1.13%	0.126%
33	19.324	2758	2763	2772	rBV	269553	438440	26.10%	2.904%
34	19.689	2817	2825	2834	rVB	244147	402102	23.94%	2.664%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
Data File : BG044472.D
Acq On : 18 Feb 2020 14:43
Operator : CG/JU
Sample : L1545-02 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 43ST-A

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-BG013020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.889	2854	2859	2864	rBV	1295441	1679778	100.00%	11.127%
36	20.182	2906	2909	2912	rBV	31197	32858	1.96%	0.218%
37	21.193	3077	3081	3088	rBV4	131159	202666	12.07%	1.343%
38	21.516	3129	3136	3141	rBV2	796924	1412622	84.10%	9.358%
39	21.722	3168	3171	3176	rVB2	74781	104604	6.23%	0.693%
40	22.309	3268	3271	3276	rVB	105065	145944	8.69%	0.967%
41	22.973	3380	3384	3392	rVB	148416	261883	15.59%	1.735%
42	23.743	3511	3515	3525	rVB	157356	309825	18.44%	2.052%
43	24.601	3653	3661	3681	rVB2	478251	1624768	96.73%	10.763%

Sum of corrected areas: 15096027

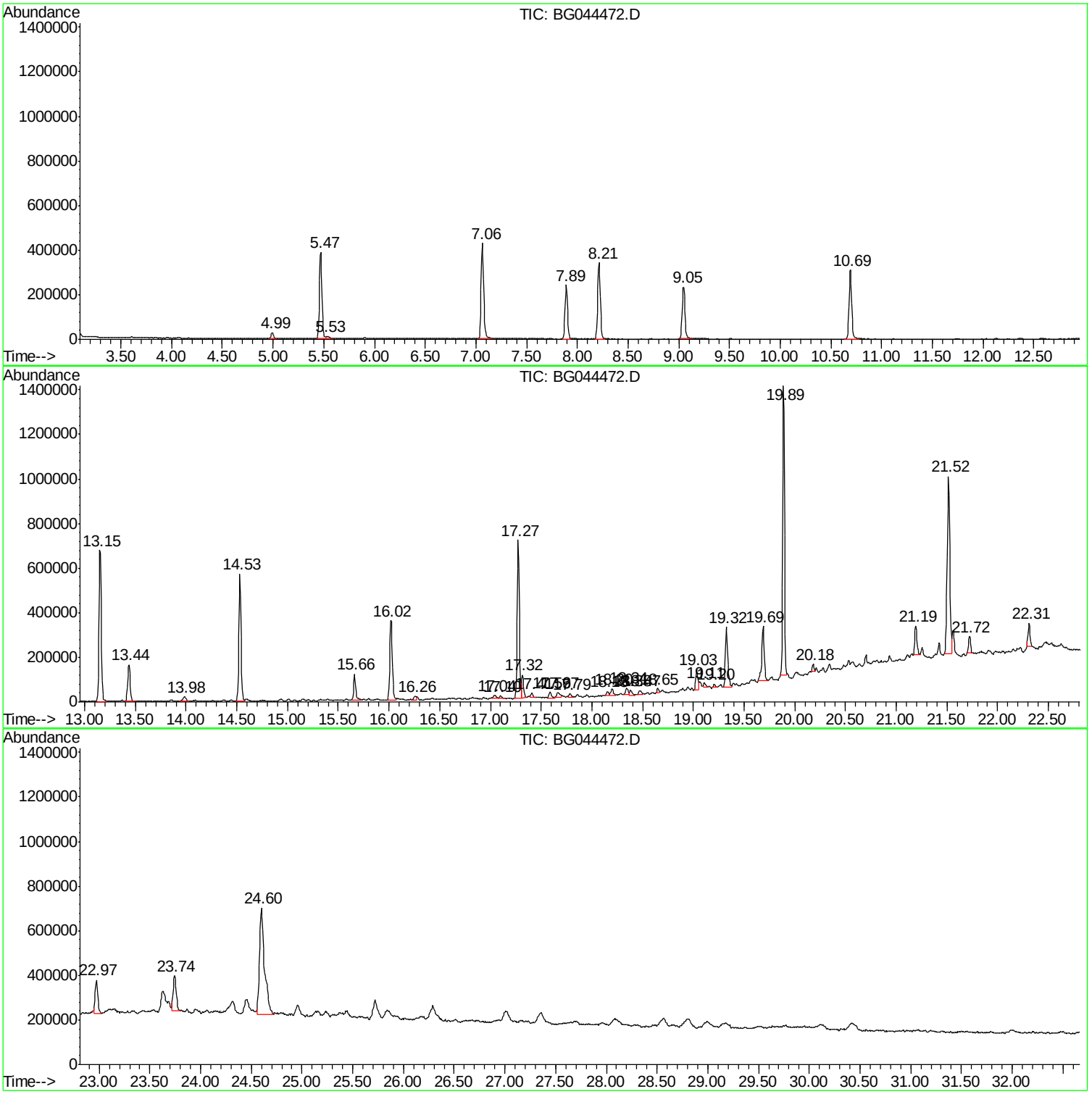
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
Data File : BG044472.D
Acq On : 18 Feb 2020 14:43
Operator : CG/JU
Sample : L1545-02 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
43ST-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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\BG021820\
Data File : BG044472.D
Acq On : 18 Feb 2020 14:43
Operator : CG/JU
Sample : L1545-02 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 43ST-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

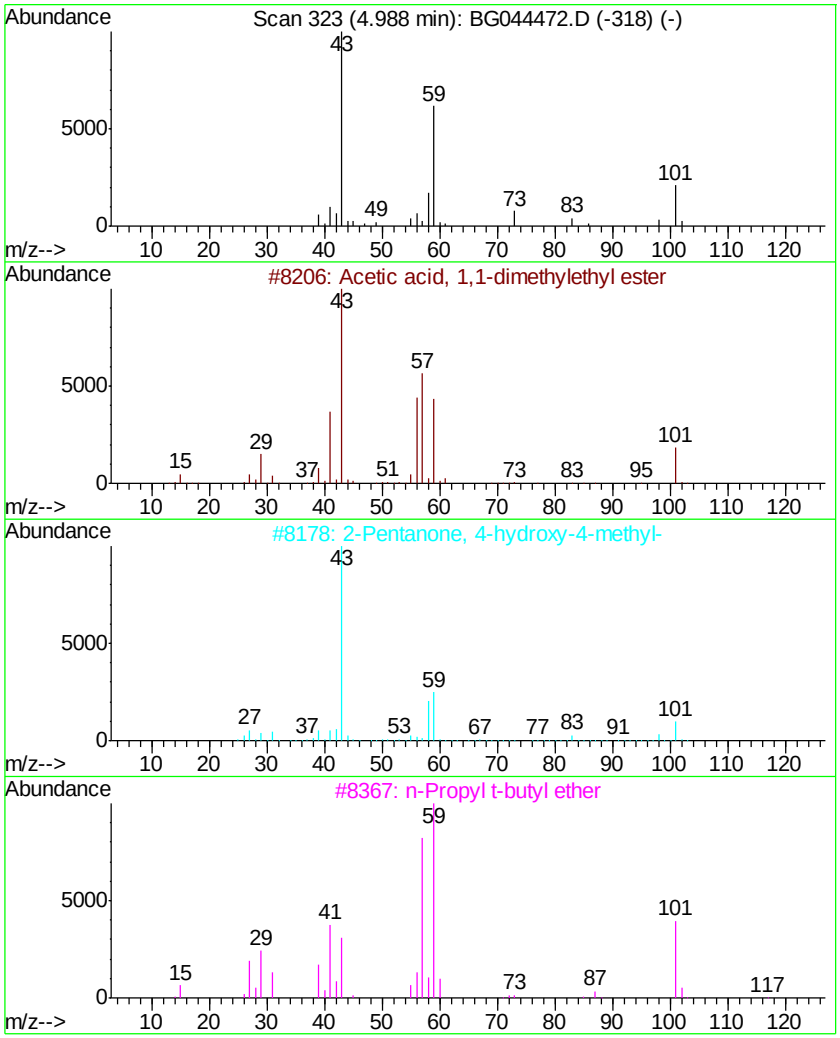
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

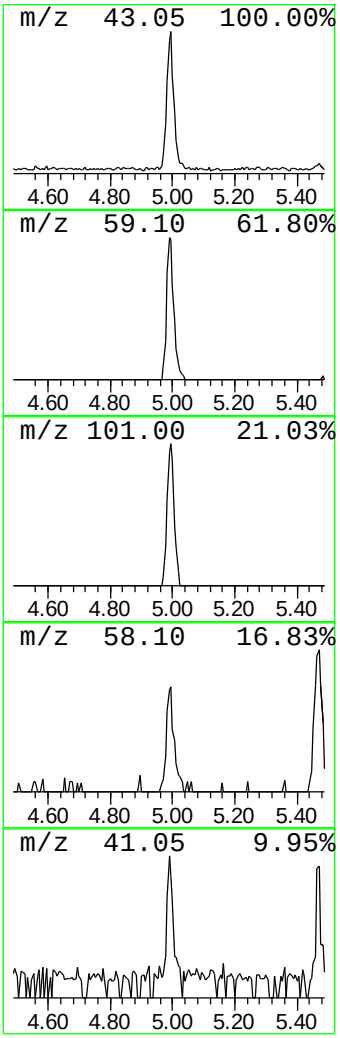
****

Peak Number 1 unknown4.99 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	2.20 ng	44560	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	45
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	28
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	27
5	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
Data File : BG044472.D
Acq On : 18 Feb 2020 14:43
Operator : CG/JU
Sample : L1545-02 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 43ST-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

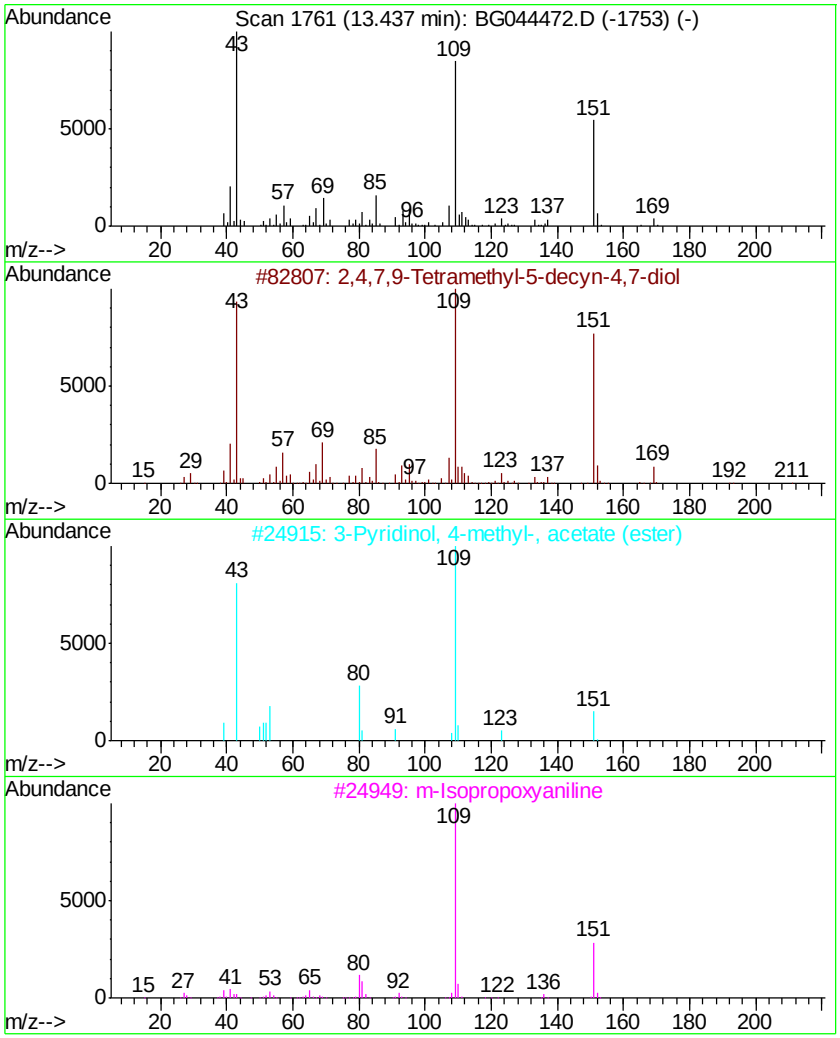
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

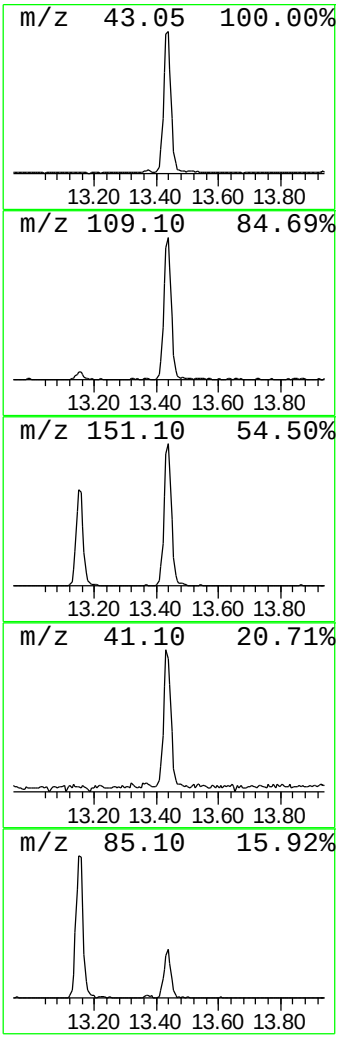
****

Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	6.17 ng	270812	Acenaphthene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	53
4	Pyridine, 3-butyl-, 1-oxide	151	C9H13NO	031396-33-5	53
5	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
Data File : BG044472.D
Acq On : 18 Feb 2020 14:43
Operator : CG/JU
Sample : L1545-02 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 43ST-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

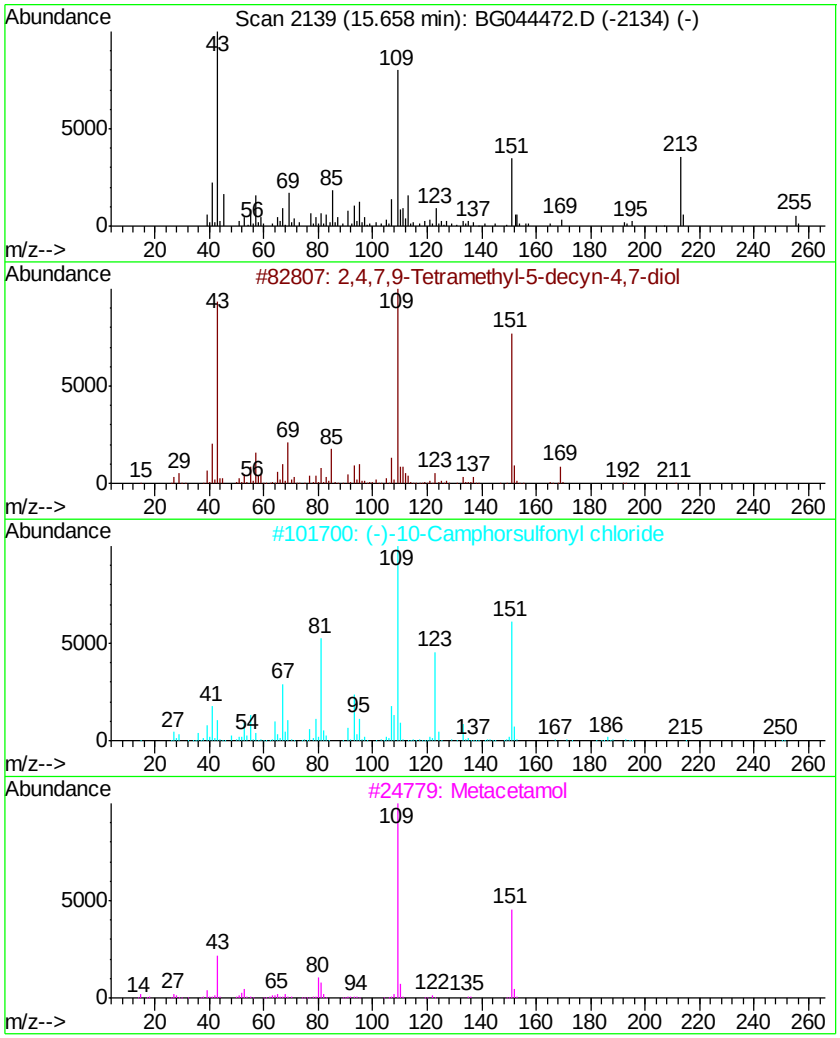
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

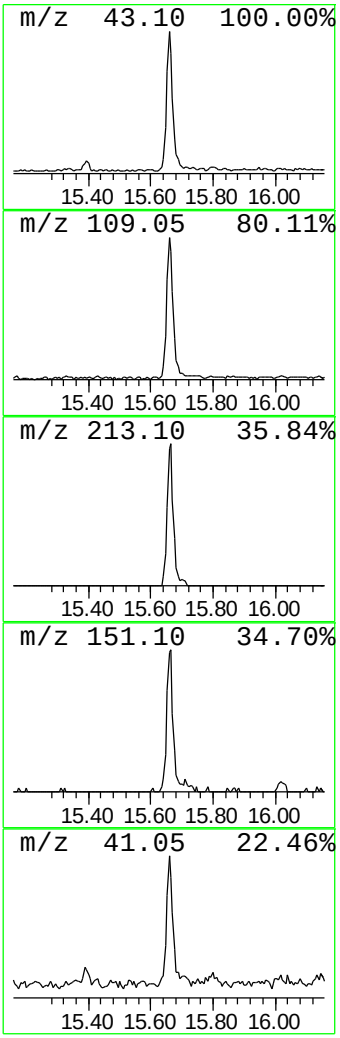
****

Peak Number 4 unknown15.66 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	3.97 ng	173974	Acenaphthene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	64
2	(-)-10-Camphorsulfonyl chloride	250	C10H15ClO3S	039262-22-1	47
3	Metacetamol	151	C8H9NO2	000621-42-1	46
4	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	43
5	Diacetamate	193	C10H11NO3	002623-33-8	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
Data File : BG044472.D
Acq On : 18 Feb 2020 14:43
Operator : CG/JU
Sample : L1545-02 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 43ST-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

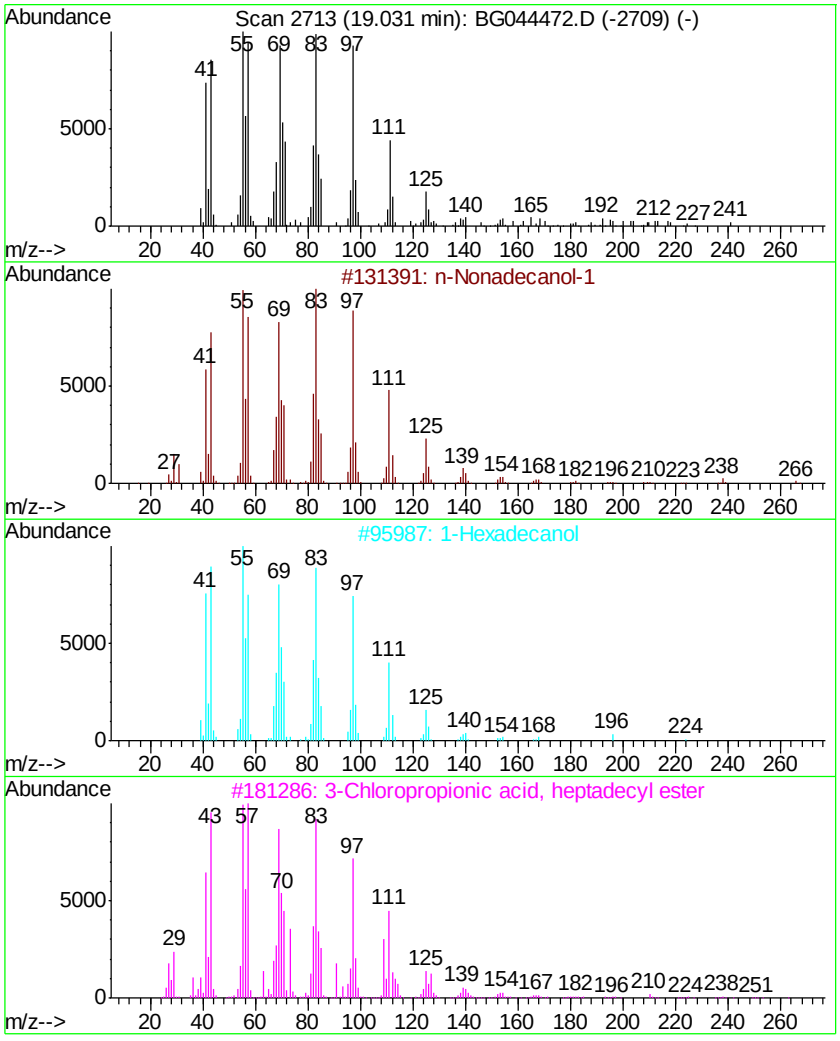
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

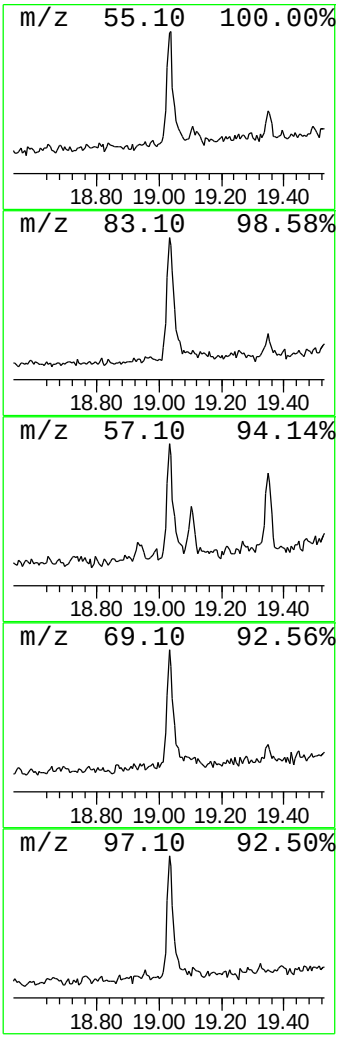
****

Peak Number 5 n-Nonadecanol-1 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	2.40 ng	133295	Phenanthrene-d10	17.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2	1-Hexadecanol	242	C16H34O	036653-82-4	94
3	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	94
4	n-Pentadecanol	228	C15H32O	000629-76-5	94
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
Data File : BG044472.D
Acq On : 18 Feb 2020 14:43
Operator : CG/JU
Sample : L1545-02 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 43ST-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

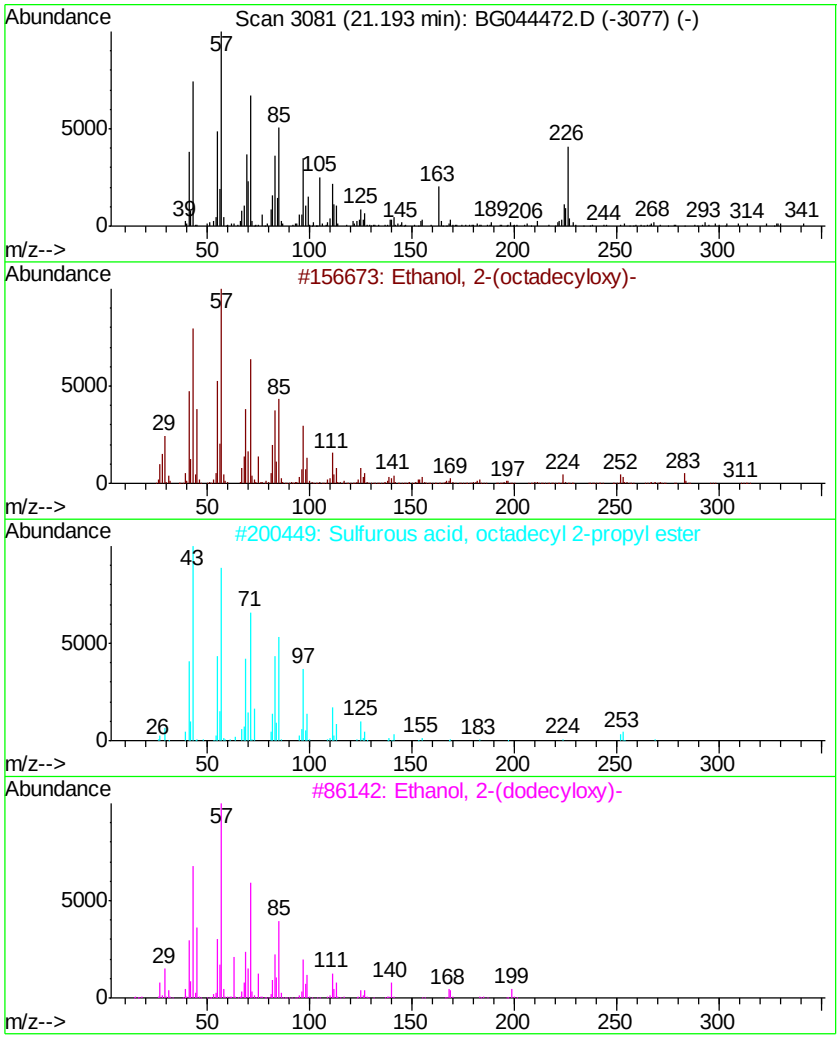
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

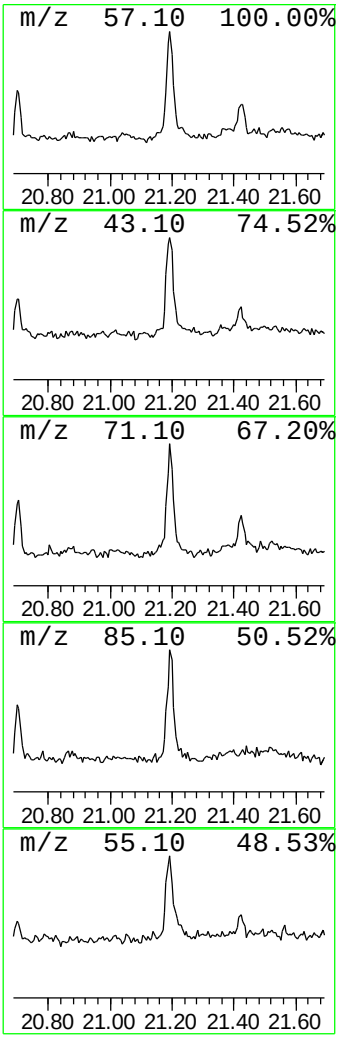
****

Peak Number 6 unknown21.19 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.19	2.87 ng	202666	Chrysene-d12	21.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	49
2	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	49
3	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	47
4	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	46
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
Data File : BG044472.D
Acq On : 18 Feb 2020 14:43
Operator : CG/JU
Sample : L1545-02 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 43ST-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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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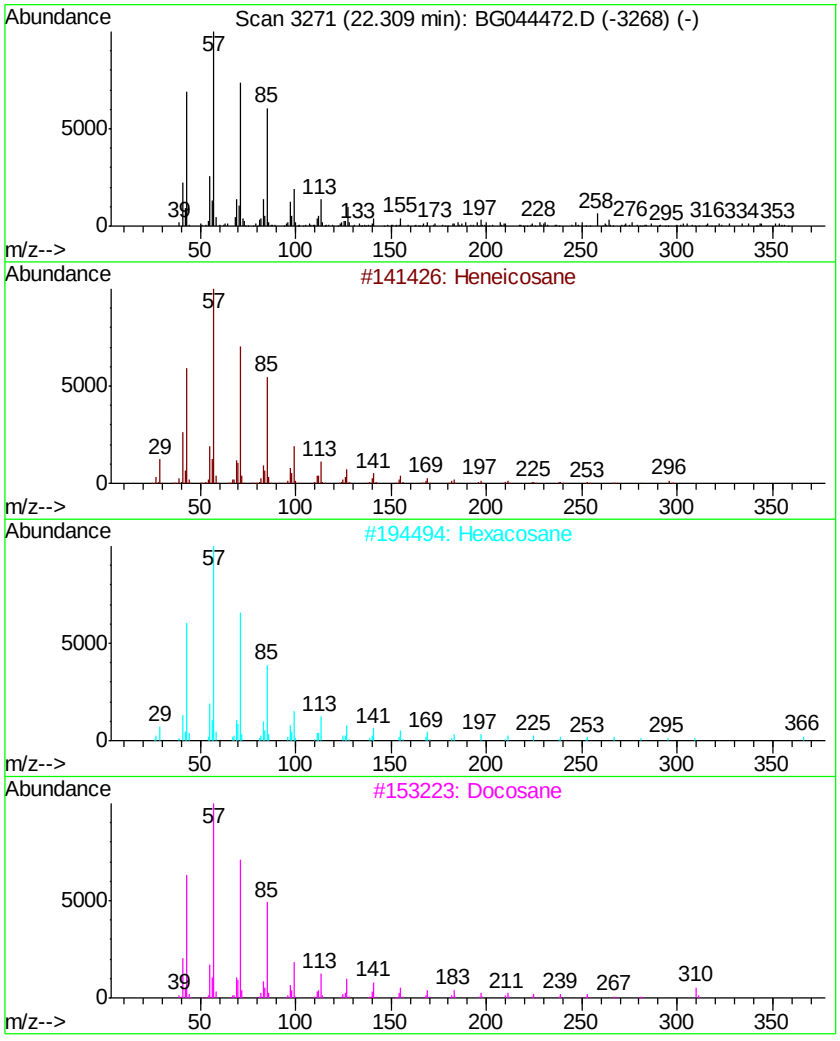
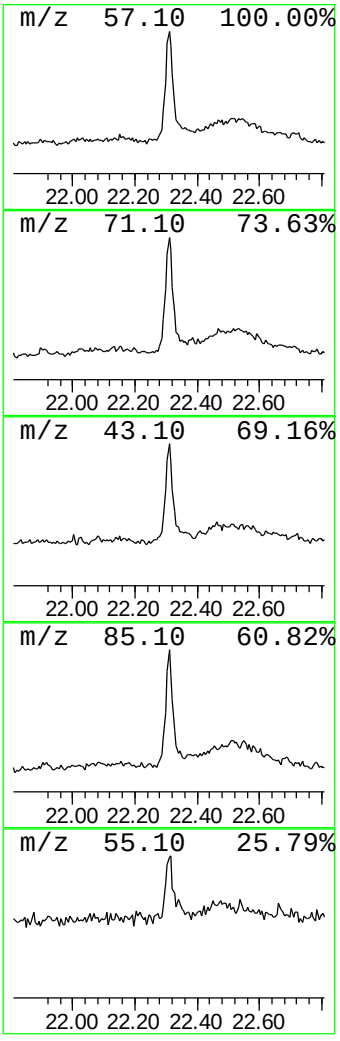
Peak Number 7 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.31	2.07 ng	145944	Chrysene-d12	21.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hexacosane	366	C26H54	000630-01-3	87
3	Docosane	310	C22H46	000629-97-0	87
4	Nonadecane	268	C19H40	000629-92-5	86
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
Data File : BG044472.D
Acq On : 18 Feb 2020 14:43
Operator : CG/JU
Sample : L1545-02 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 43ST-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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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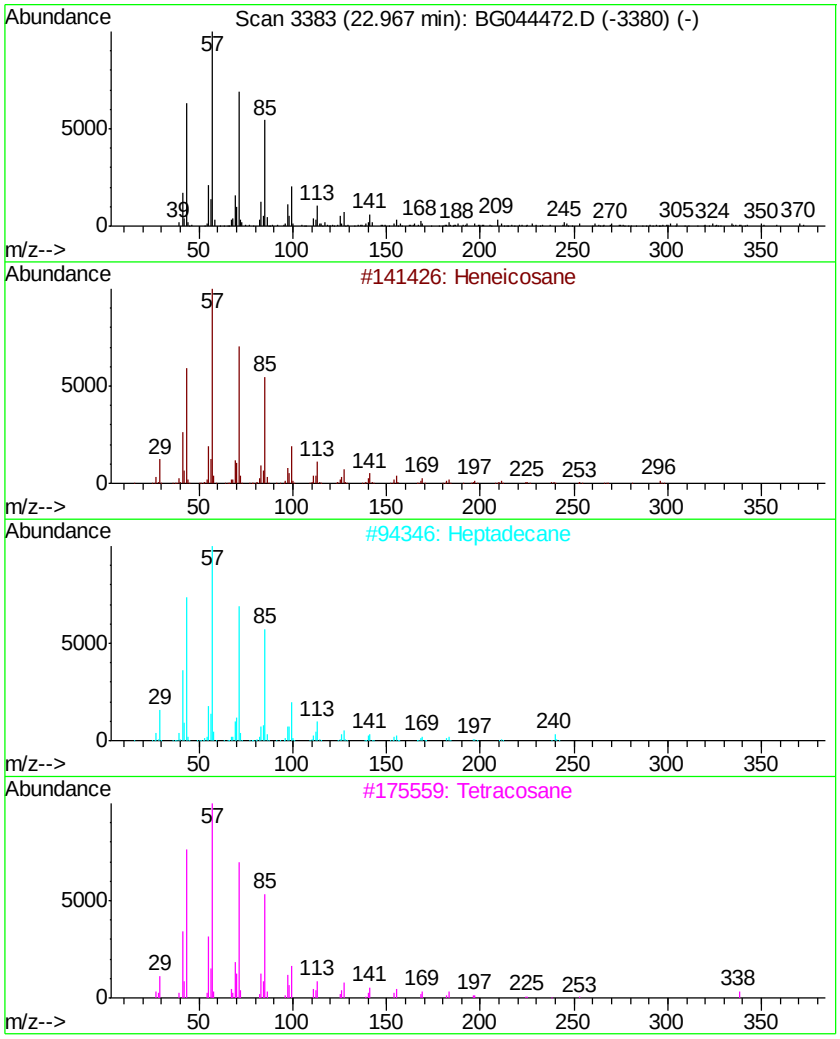
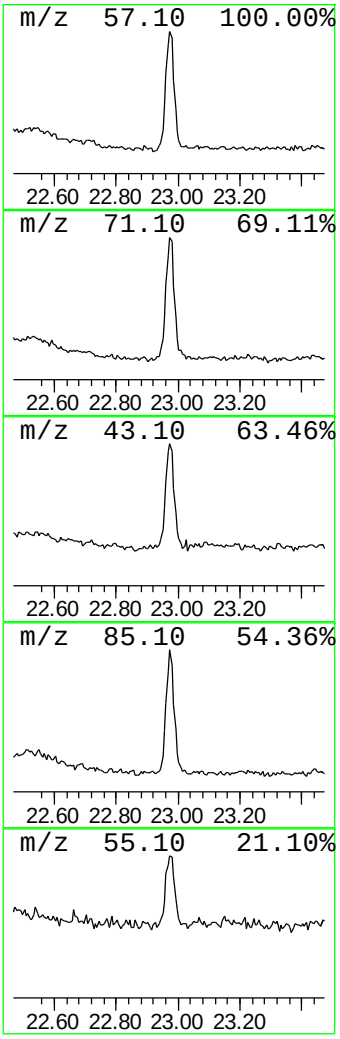
Peak Number 8 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.97	3.71 ng	261883	Chrysene-d12	21.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Heptadecane	240	C17H36	000629-78-7	86
3	Tetracosane	338	C24H50	000646-31-1	86
4	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	86
5	Octacosane	394	C28H58	000630-02-4	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
Data File : BG044472.D
Acq On : 18 Feb 2020 14:43
Operator : CG/JU
Sample : L1545-02 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 43ST-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

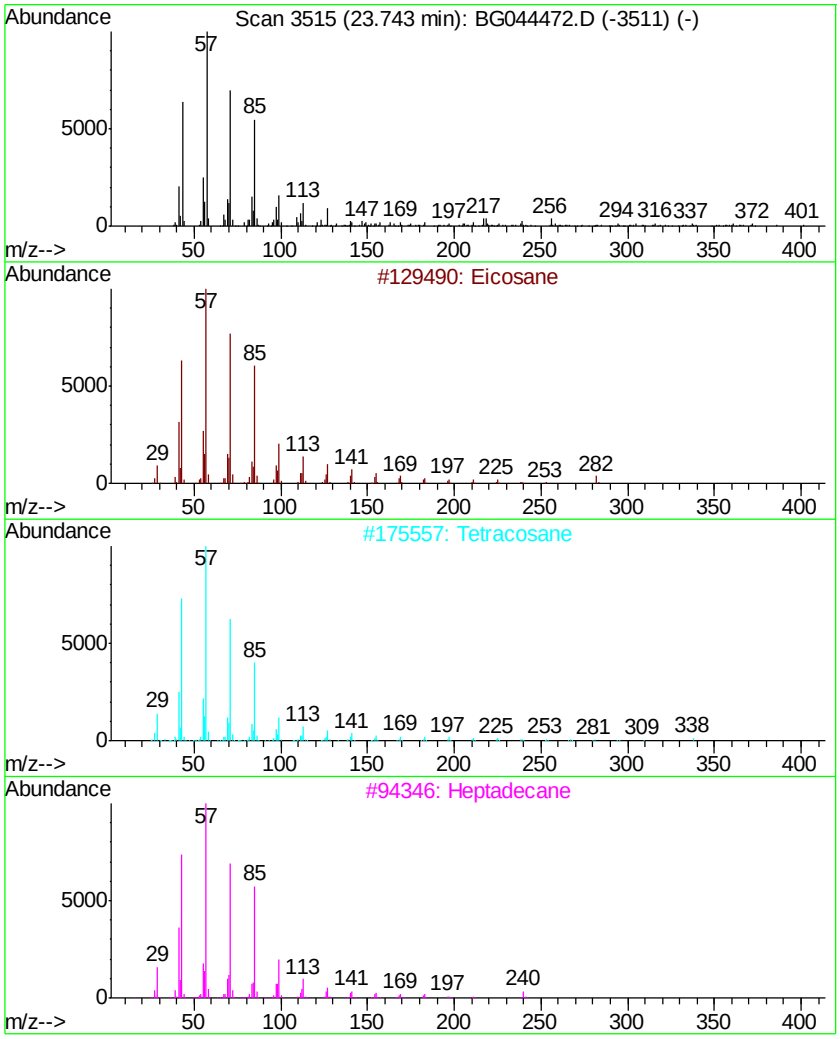
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

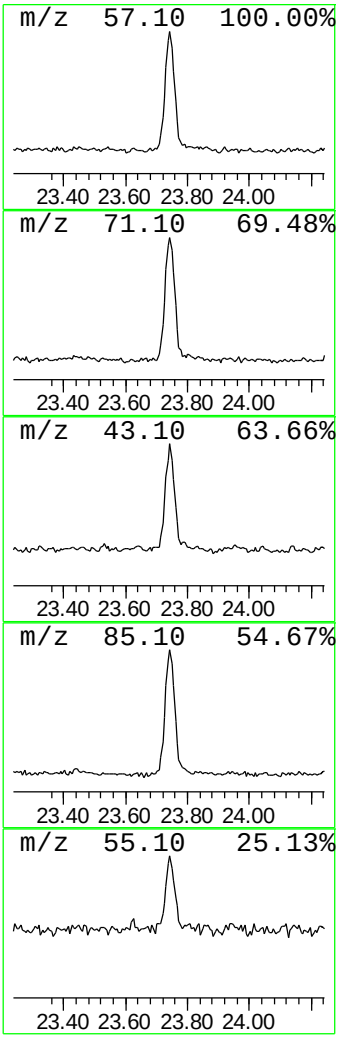
****

Peak Number 9 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	3.81 ng	309825	Perylene-d12	24.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Tetracosane	338	C24H50	000646-31-1	94
3	Heptadecane	240	C17H36	000629-78-7	93
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	91
5	Heneicosane	296	C21H44	000629-94-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021820\
Data File : BG044472.D
Acq On : 18 Feb 2020 14:43
Operator : CG/JU
Sample : L1545-02 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 43ST-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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
unknown4.99	4.99	2.2	ng	44560	1	7.89	404414	20.0
2,4,7,9-Tetrameth...	13.44	6.2	ng	270812	3	14.53	877320	20.0
unknown15.66	15.66	4.0	ng	173974	3	14.53	877320	20.0
n-Nonadecanol-1	19.03	2.4	ng	133295	4	17.27	1112260	20.0
unknown21.19	21.19	2.9	ng	202666	5	21.52	1412620	20.0
Heneicosane	22.31	2.1	ng	145944	5	21.52	1412620	20.0
Heptadecane	22.97	3.7	ng	261883	5	21.52	1412620	20.0
Eicosane	23.74	3.8	ng	309825	6	24.60	1624770	20.0