LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
Data File : BG044475.D
Acq On : 18 Feb 2020 16:41
Operator : CG/JU
Sample : L1365-09 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-021420

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	5.474	399	406	420	rBV	441082	727777	15.66%	3.711%
2	7.072	669	678	693	rBV	426016	784489	16.88%	4.000%
3	7.895	810	818	827	rBV	255514	428215	9.22%	2.184%
4	8.218	864	873	883	rVB	364254	641572	13.81%	3.272%
5	9.052	1003	1015	1027	rBV	250109	487334	10.49%	2.485%
6	10.104	1188	1194	1202	rBV2	29457	52494	1.13%	0.268%
7	10.691	1286	1294	1301	rBV	336383	634110	13.65%	3.234%
8	13.153	1705	1713	1725	rBV	736510	1161154	24.99%	5.921%
9	13.982	1848	1854	1859	rBV	34586	57272	1.23%	0.292%
10	14.534	1940	1948	1955	rBV	580923	929915	20.01%	4.742%
11	15.627	2127	2134	2145	rVB	3114765	4646691	100.00%	23.695%
12	16.026	2194	2202	2212	rBV	615946	938737	20.20%	4.787%
13	17.278	2409	2415	2419	rBV	681996	1040737	22.40%	5.307%
14	17.319	2419	2422	2430	rVV	173275	263182	5.66%	1.342%
15	17.413	2434	2438	2443	rVB	38501	59915	1.29%	0.306%
16	18.200	2569	2572	2577	rVB	39737	51365	1.11%	0.262%
17	18.347	2592	2597	2601	rBV3	63199	113070	2.43%	0.577%
18	18.659	2645	2650	2653	rBV	31204	60476	1.30%	0.308%
19	19.334	2760	2765	2770	rBV	269224	392099	8.44%	1.999%
20	19.393	2770	2775	2779	rBV	257694	340888	7.34%	1.738%
21	19.693	2822	2826	2834	rVB	272846	407911	8.78%	2.080%
22	19.892	2855	2860	2865	rBV	1195397	1471080	31.66%	7.502%
23	20.110	2893	2897	2902	rBV	202920	265800	5.72%	1.355%
24	21.191	3078	3081	3088	rVB3	171282	274204	5.90%	1.398%
25	21.520	3131	3137	3142	rBV3	705884	1251933	26.94%	6.384%
26	21.726	3169	3172	3177	rVB	133701	175441	3.78%	0.895%
27	22.313	3268	3272	3279	rVB	152254	242931	5.23%	1.239%
28	22.977	3382	3385	3392	rVB	168820	276441	5.95%	1.410%
29	24.610	3657	3663	3681	rVB4	374695	1433106	30.84%	7.308%

Sum of corrected areas: 19610339

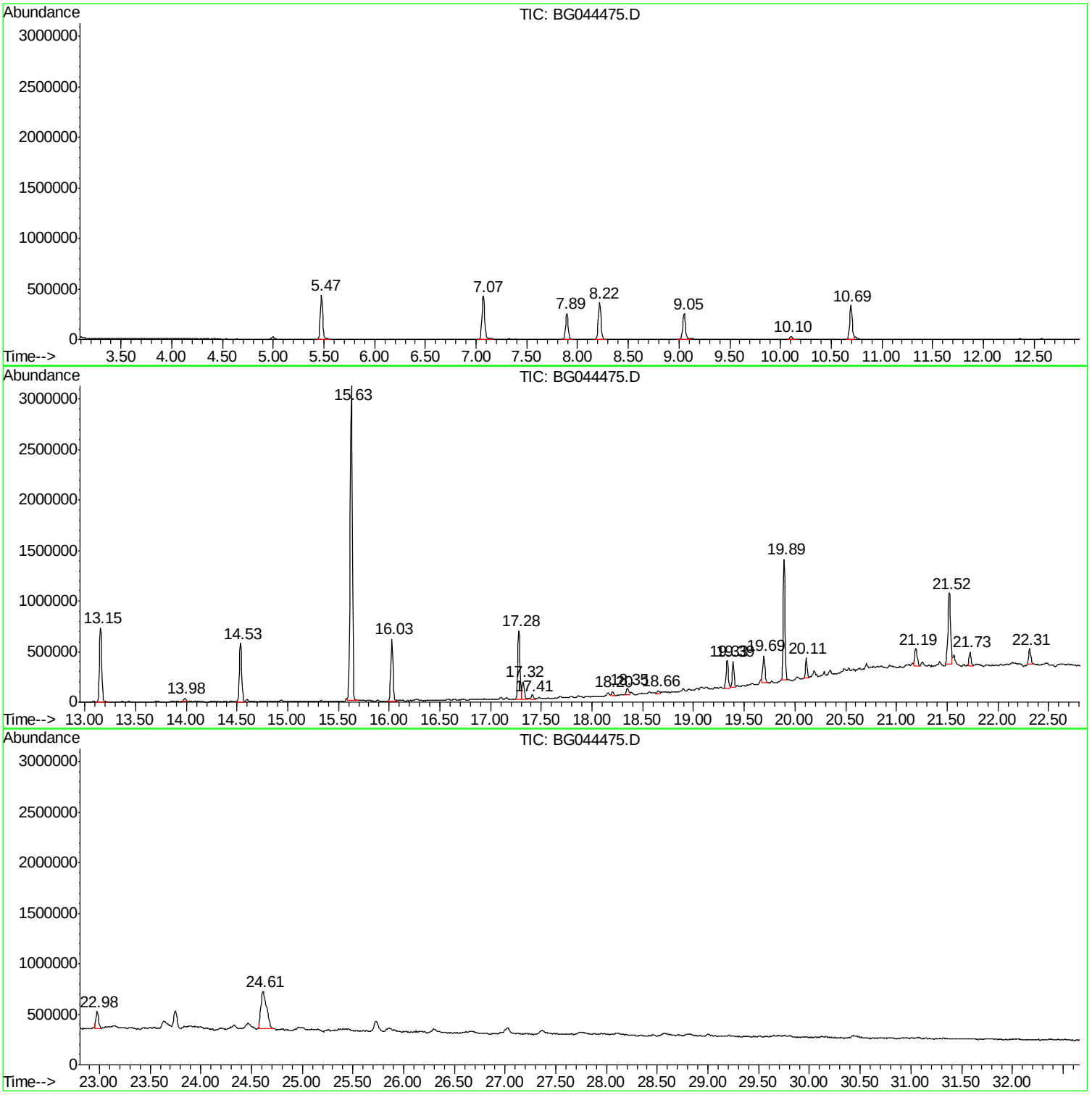
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
Data File : BG044475.D
Acq On : 18 Feb 2020 16:41
Operator : CG/JU
Sample : L1365-09 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-021420

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\
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ClientSampleId : CL-02-021420

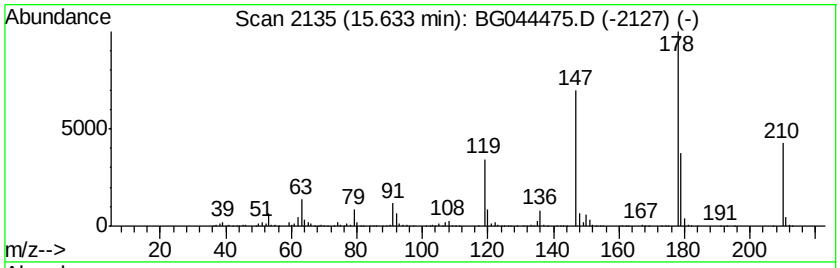
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

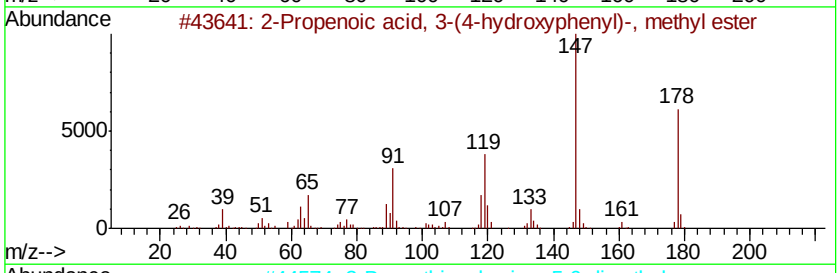
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

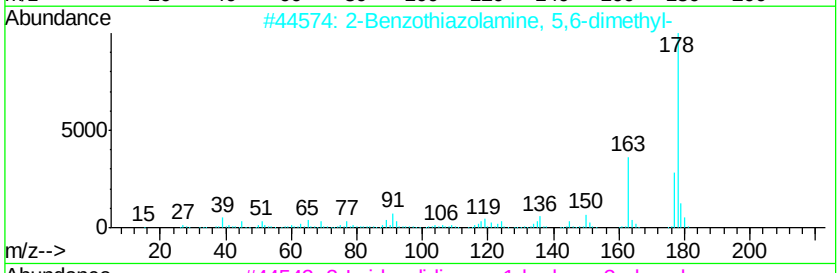
****
Peak Number 2 2-Propenoic acid, 3-(4-hydr... Concentration Rank 1

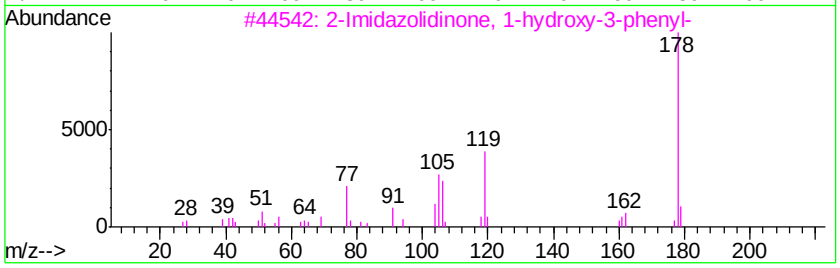
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	99.94 ng	4646690	Acenaphthene-d10	14.53

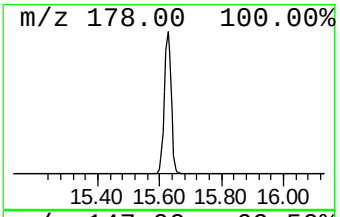
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 3-(4-hydroxyph...	178	C10H10O3	003943-97-3	50
2	2-Benzothiazolamine, 5,6-dimethyl-	178	C9H10N2S	029927-08-0	35
3	2-Imidazolidinone, 1-hydroxy-3-p...	178	C9H10N2O2	067461-84-1	35
4	2-Mercapto-4(3H)-quinazolinone	178	C8H6N2OS	013906-09-7	32
5	1-Hydroxy-2-(prop-2-enyl)-4,5-me...	178	C10H10O3	019202-23-4	32

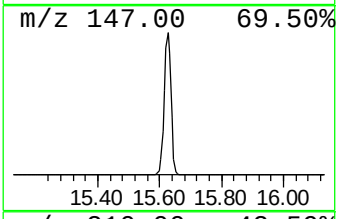


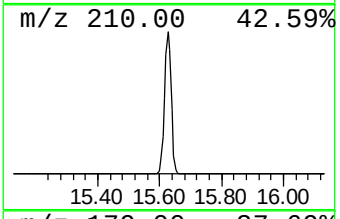


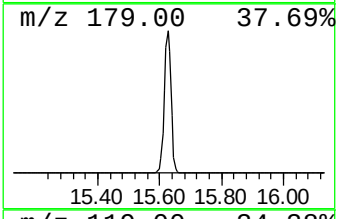


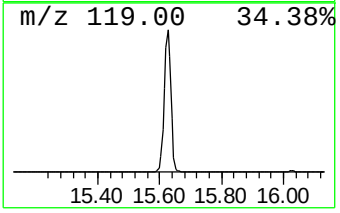












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Misc :
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Instrument : BNA_G
ClientSampleId : CL-02-021420

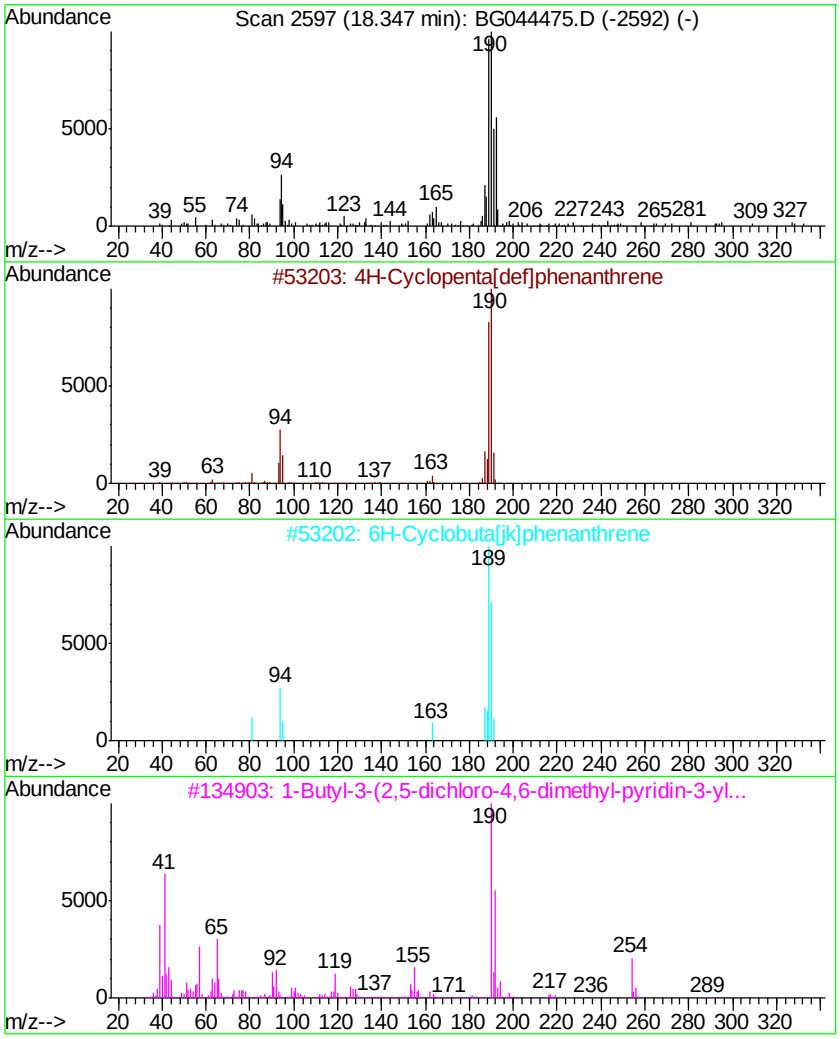
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

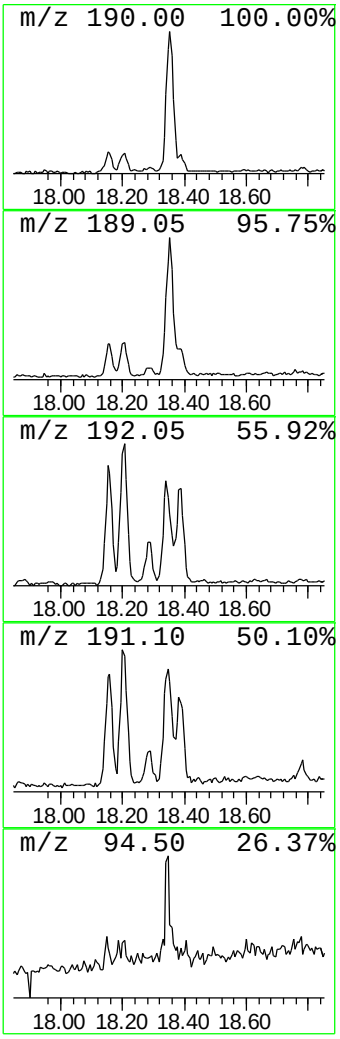
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	2.17 ng	113070	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	86
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	1-Butyl-3-(2,5-dichloro-4,6-dime...	289	C12H17Cl2N3O	1000300-85-1	27
4	1-(3-Nitro-phenyl)-pyrrolidine	192	C10H12N2O2	1000300-34-7	25
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	20





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Instrument : BNA_G
ClientSampleId : CL-02-021420

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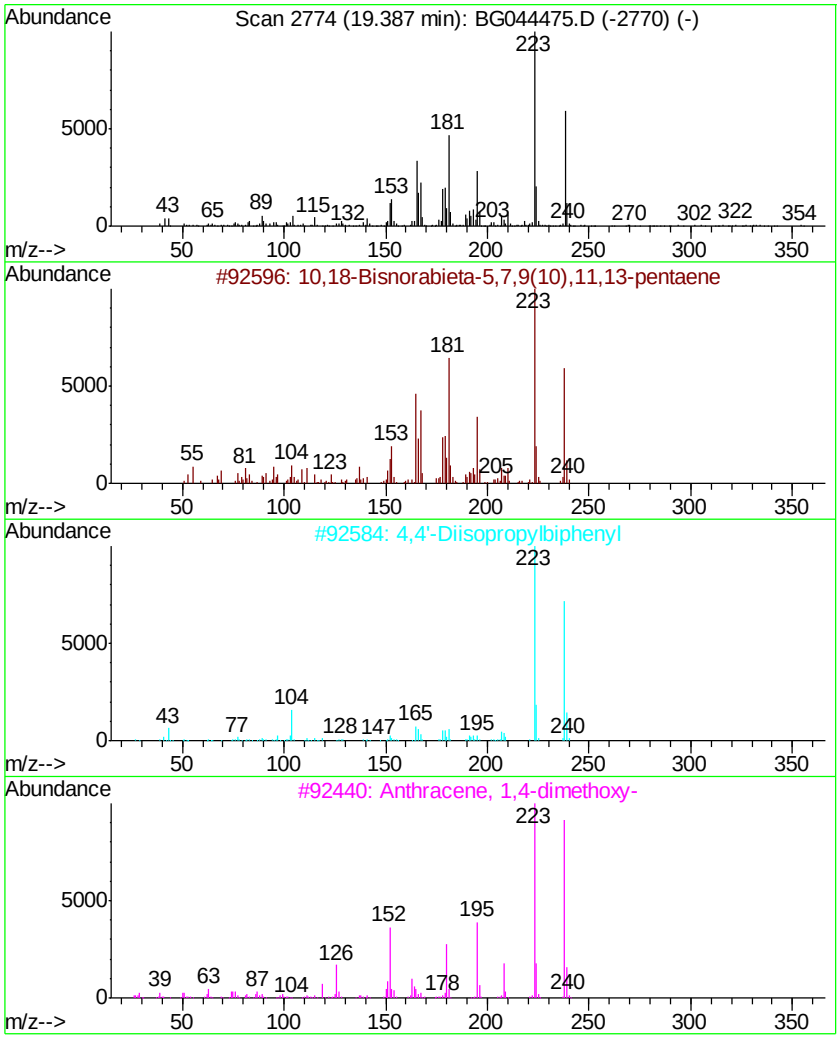
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

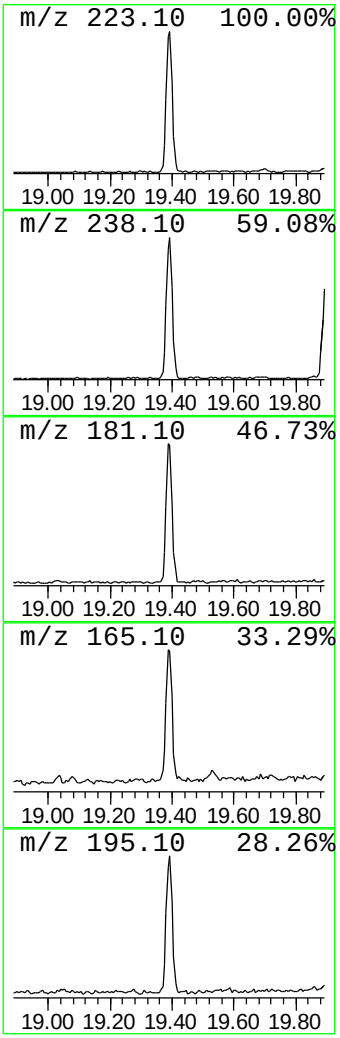
****

Peak Number 4 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	6.55 ng	340888	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	64
3	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	58
4	4-tert-Butyl-benzophenone	238	C17H18O	022679-54-5	47
5	9,10-Anthracenedione, 1-amino-	223	C14H9NO2	000082-45-1	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
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Sample : L1365-09 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-021420

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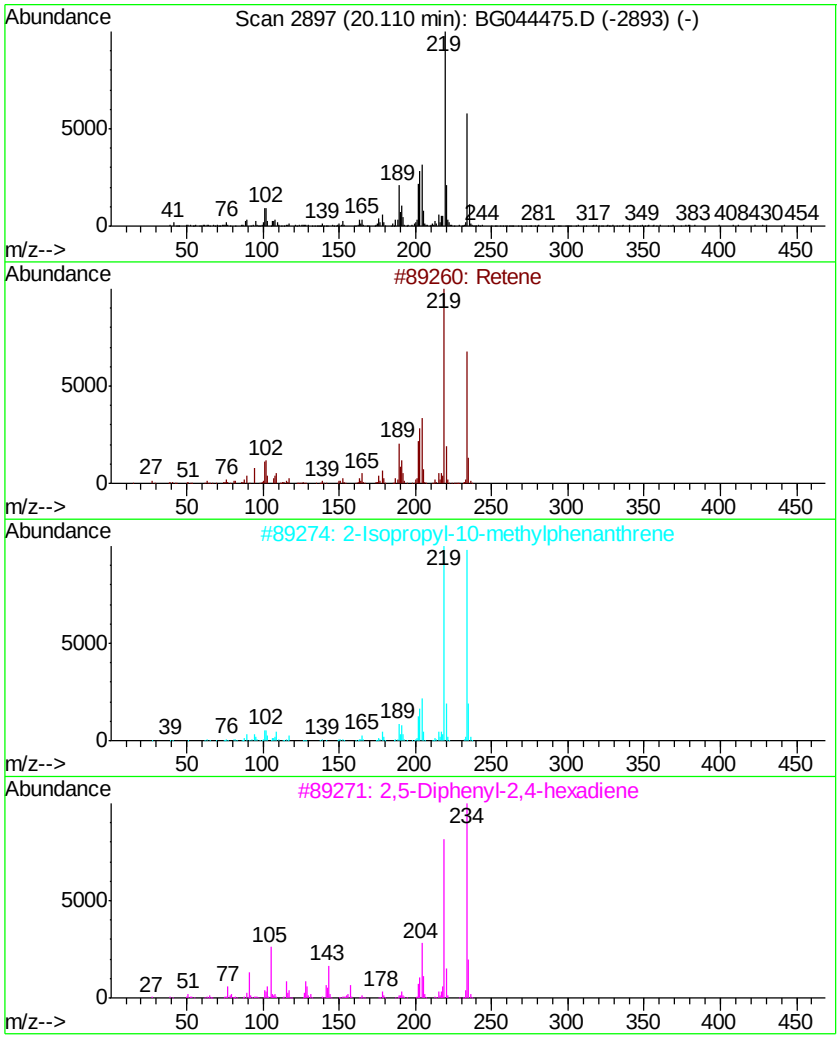
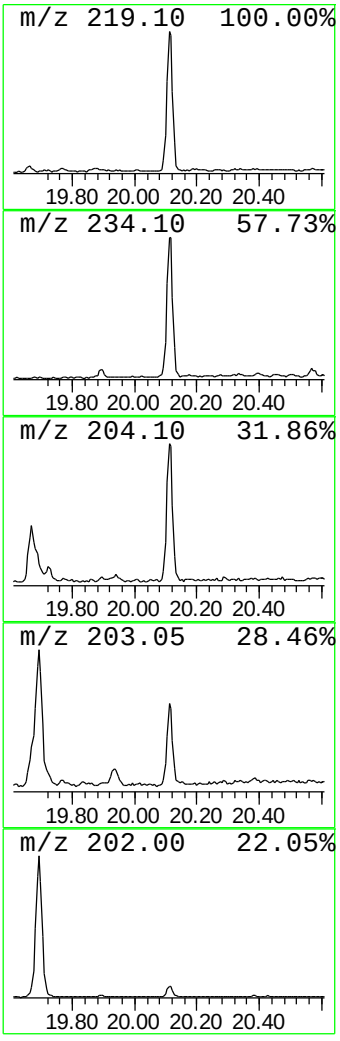
****

Peak Number 5 Retene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.11	4.25 ng	265800	Chrysene-d12	21.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	99
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	2,5-Diphenyl-2,4-hexadiene	234	C18H18	016819-47-9	62
4	1-(10-Methylanthracen-9-yl)ethanone	234	C17H14O	036778-18-4	52
5	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	50





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Instrument : BNA_G
ClientSampleId : CL-02-021420

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

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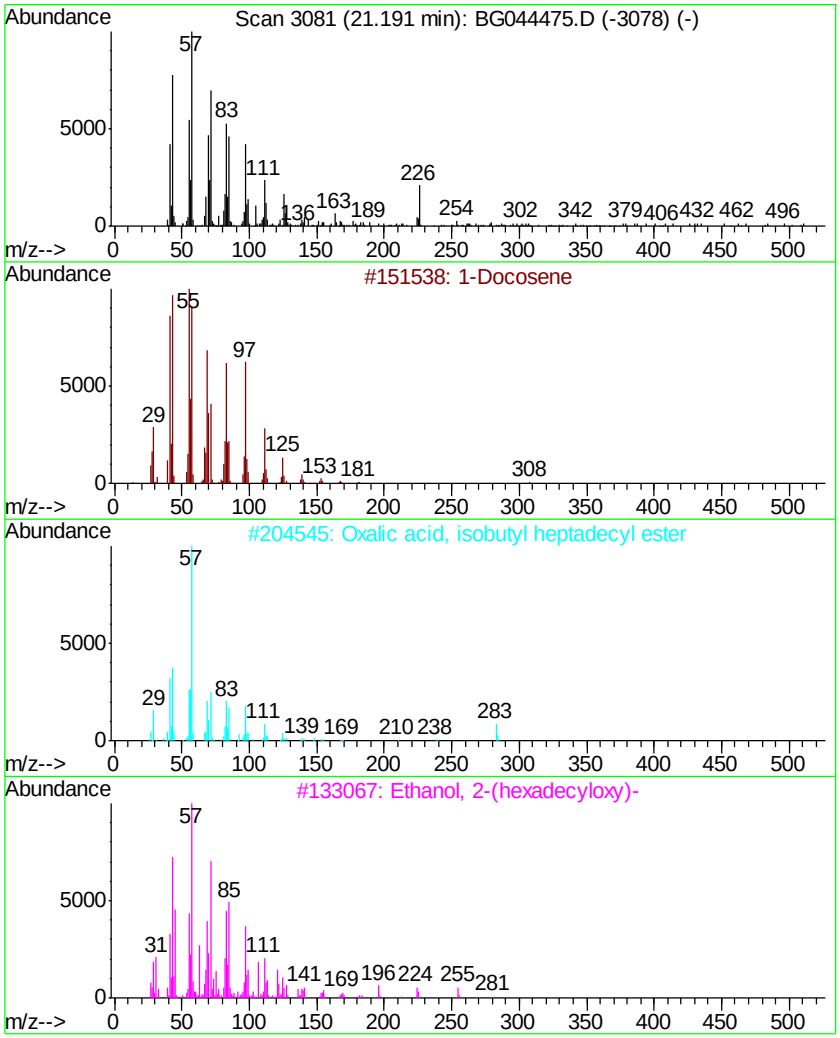
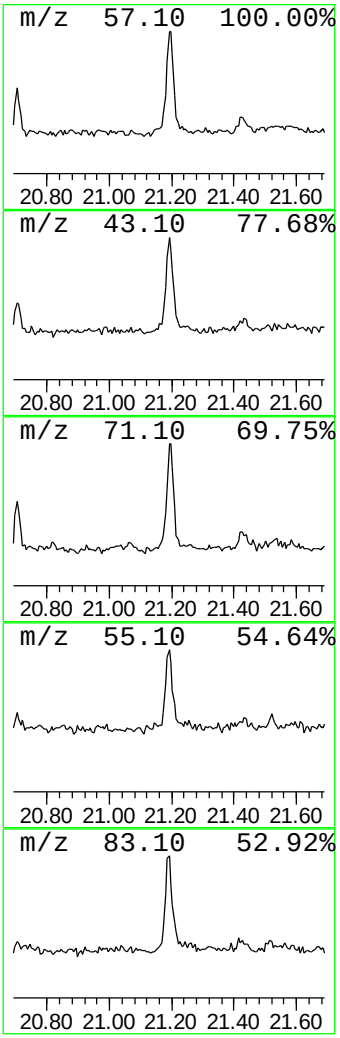
****

Peak Number 6 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.19	4.38 ng	274204	Chrysene-d12	21.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	83
3	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	83
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	83
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	68





Library Search Compound Report

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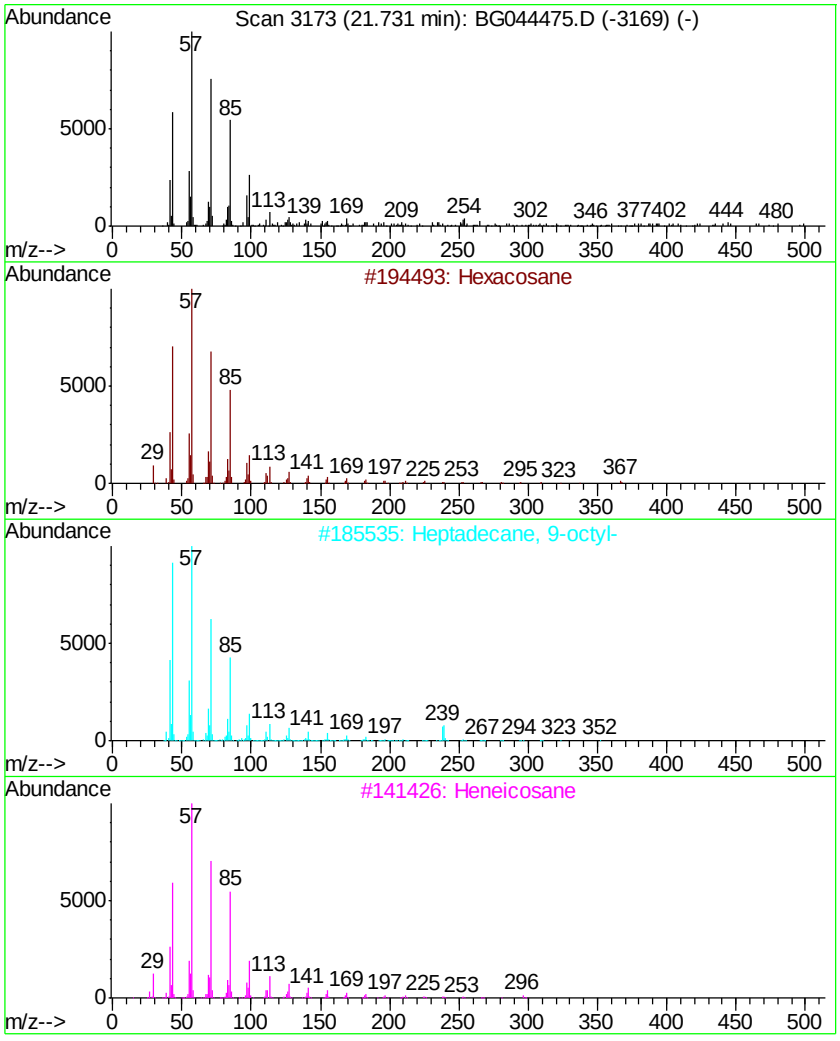
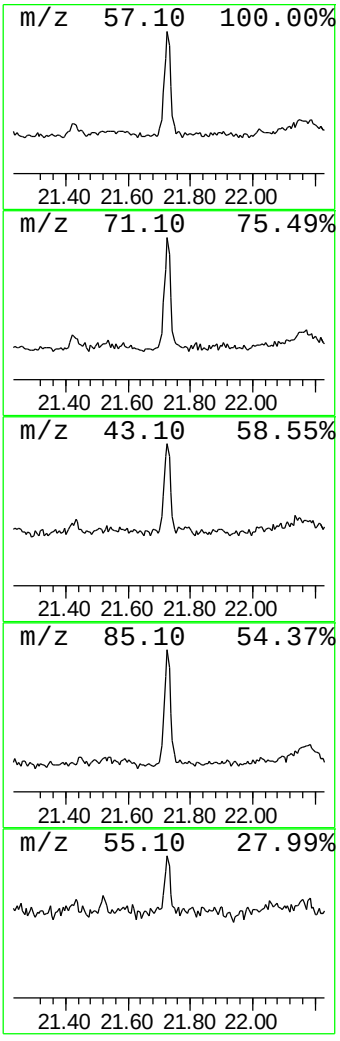
****

Peak Number 7 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.73	2.80 ng	175441	Chrysene-d12	21.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
3	Heneicosane	296	C21H44	000629-94-7	83
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	81
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	80





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Instrument : BNA_G
ClientSampleId : CL-02-021420

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

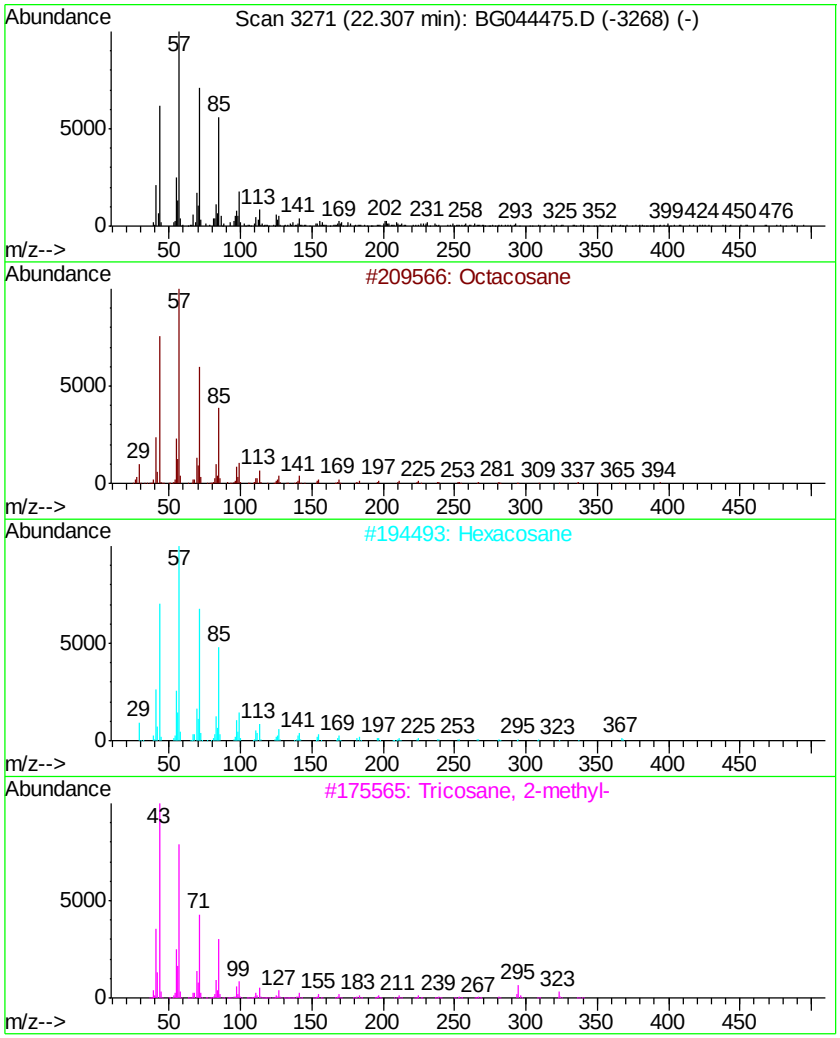
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

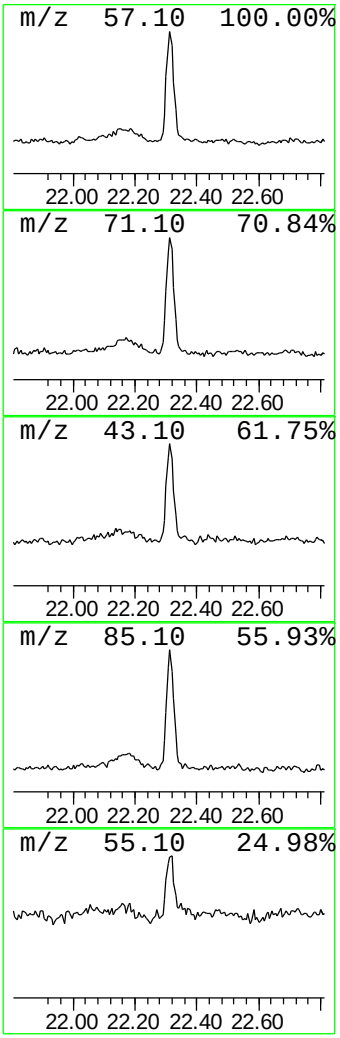
****

Peak Number 8 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.31	3.88 ng	242931	Chrysene-d12	21.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	93
2	Hexacosane	366	C26H54	000630-01-3	90
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	90
4	10-Methylnonadecane	282	C20H42	056862-62-5	86
5	Heptadecane	240	C17H36	000629-78-7	83





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Instrument : BNA_G
ClientSampleId : CL-02-021420

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

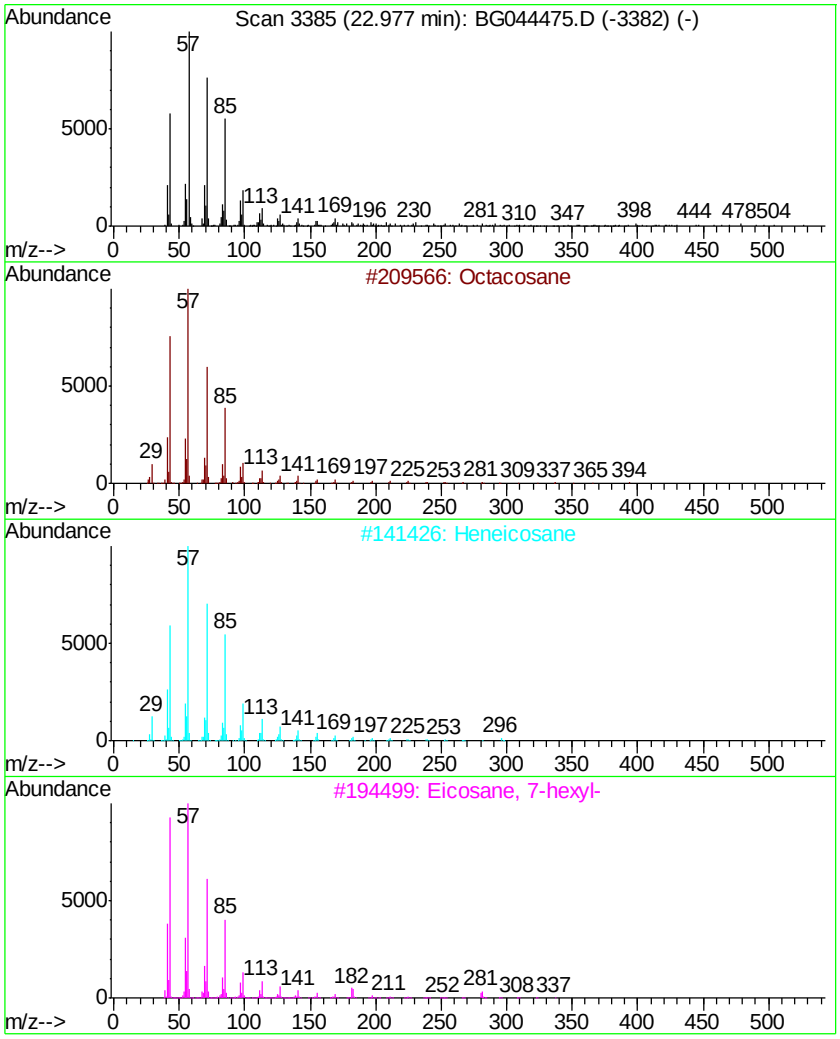
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

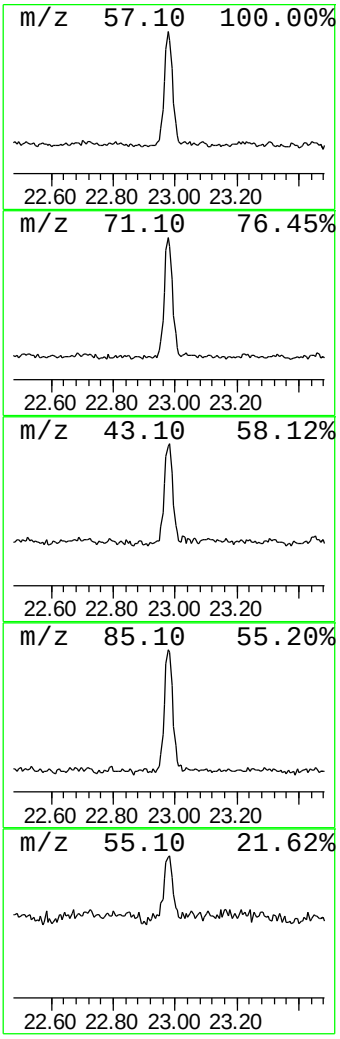
****

Peak Number 9 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.98	4.42 ng	276441	Chrysene-d12	21.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4	Octadecane	254	C18H38	000593-45-3	83
5	Pentacosane	352	C25H52	000629-99-2	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021820\
Data File : BG044475.D
Acq On : 18 Feb 2020 16:41
Operator : CG/JU
Sample : L1365-09 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-021420

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
2-Propenoic acid,...	15.63	99.9	ng	4646690	3	14.53	929915	20.0
4H-Cyclopenta[def...	18.35	2.2	ng	113070	4	17.28	1040740	20.0
10,18-Bisnorabiet...	19.39	6.5	ng	340888	4	17.28	1040740	20.0
Retene	20.11	4.3	ng	265800	5	21.53	1251930	20.0
1-Docosene	21.19	4.4	ng	274204	5	21.53	1251930	20.0
Hexacosane	21.73	2.8	ng	175441	5	21.53	1251930	20.0
Octacosane	22.31	3.9	ng	242931	5	21.53	1251930	20.0
Heneicosane	22.98	4.4	ng	276441	5	21.53	1251930	20.0