LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081020\
Data File : BG046210.D
Acq On : 10 Aug 2020 17:23
Operator : CG/JU
Sample : L3614-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0495-MODIFIED-ELUTRIATE

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-BG073020.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	3.155	7	11	29	rVB	780572	1228204	19.54%	5.160%
2	5.534	409	416	425	rBV	453677	712494	11.34%	2.994%
3	7.115	677	685	693	rBV	344156	587163	9.34%	2.467%
4	7.949	821	827	837	rBV	256414	427982	6.81%	1.798%
5	9.101	1014	1023	1034	rBV	621867	1096006	17.44%	4.605%
6	10.746	1293	1303	1313	rBV	345984	609854	9.70%	2.562%
7	13.202	1714	1721	1731	rBV	1795019	2807594	44.67%	11.796%
8	14.024	1855	1861	1868	rBV	115145	173938	2.77%	0.731%
9	14.577	1948	1955	1963	rBV	575206	890831	14.17%	3.743%
10	16.063	2200	2208	2221	rBV	1567899	2481904	39.49%	10.428%
11	17.315	2415	2421	2431	rBV	782954	1212897	19.30%	5.096%
12	17.996	2532	2537	2548	rBV	132641	229521	3.65%	0.964%
13	18.220	2570	2575	2584	rBV	253591	389028	6.19%	1.635%
14	19.489	2787	2791	2805	rBV3	87282	154861	2.46%	0.651%
15	19.935	2860	2867	2879	rBV	4565308	6285041	100.00%	26.407%
16	21.234	3083	3088	3095	rBV2	358749	567025	9.02%	2.382%
17	21.304	3097	3100	3108	rVB2	36780	79855	1.27%	0.336%
18	21.563	3137	3144	3152	rBV	1124266	1825171	29.04%	7.669%
19	22.385	3279	3284	3290	rVB5	40023	80339	1.28%	0.338%
20	23.225	3424	3427	3436	rVB3	48980	87466	1.39%	0.367%
21	24.671	3663	3673	3682	rBV2	680899	1873424	29.81%	7.871%

Sum of corrected areas: 23800598

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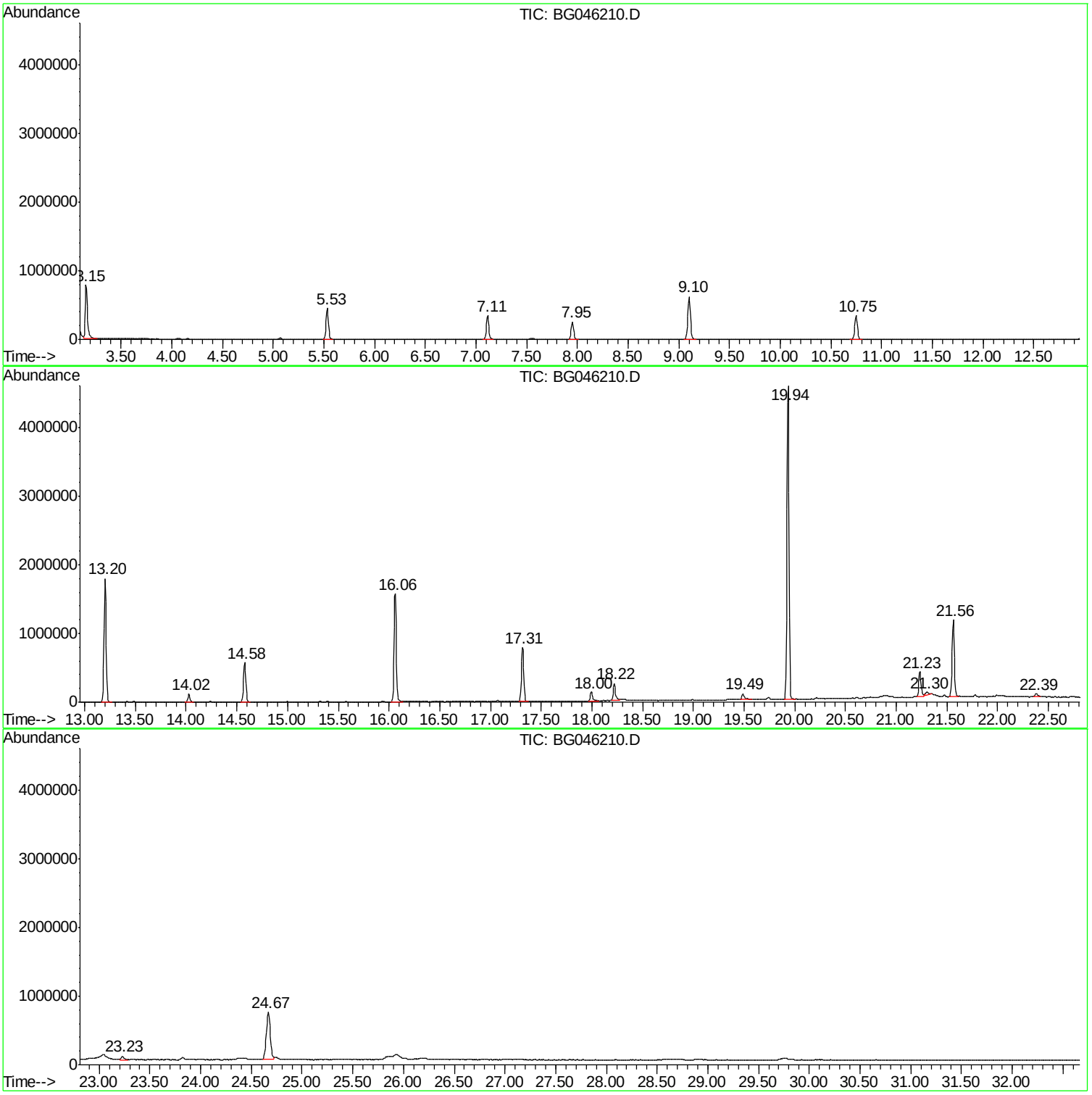
Instrument :
BNA_G
ClientSampleId :
0495-MODIFIED-ELUTRIATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.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\BG081020\
Data File : BG046210.D
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Operator : CG/JU
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Misc :
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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

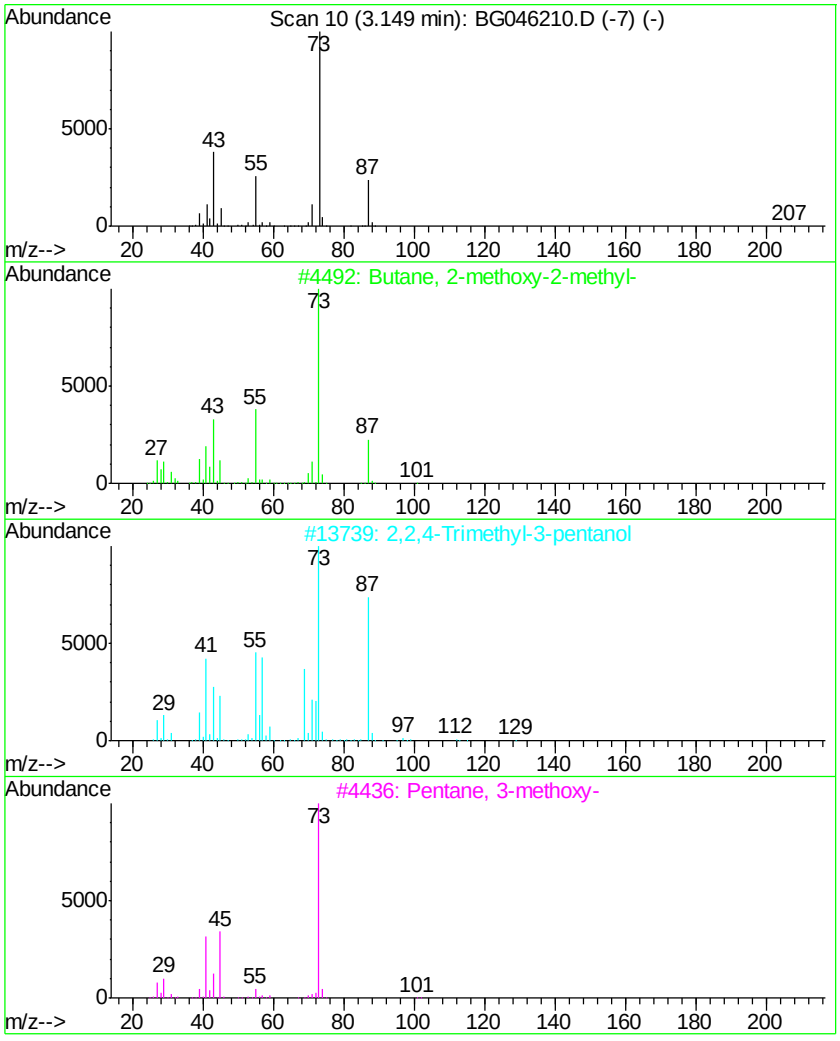
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

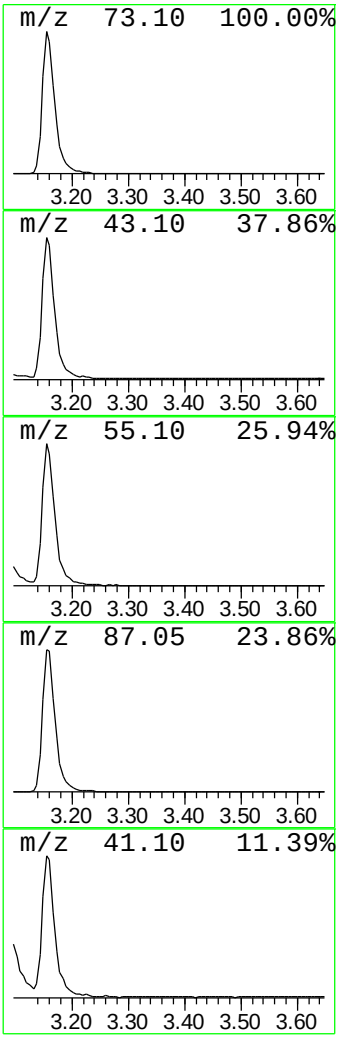
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	57.40 ng	1228200	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0495-MODIFIED-ELUTRIATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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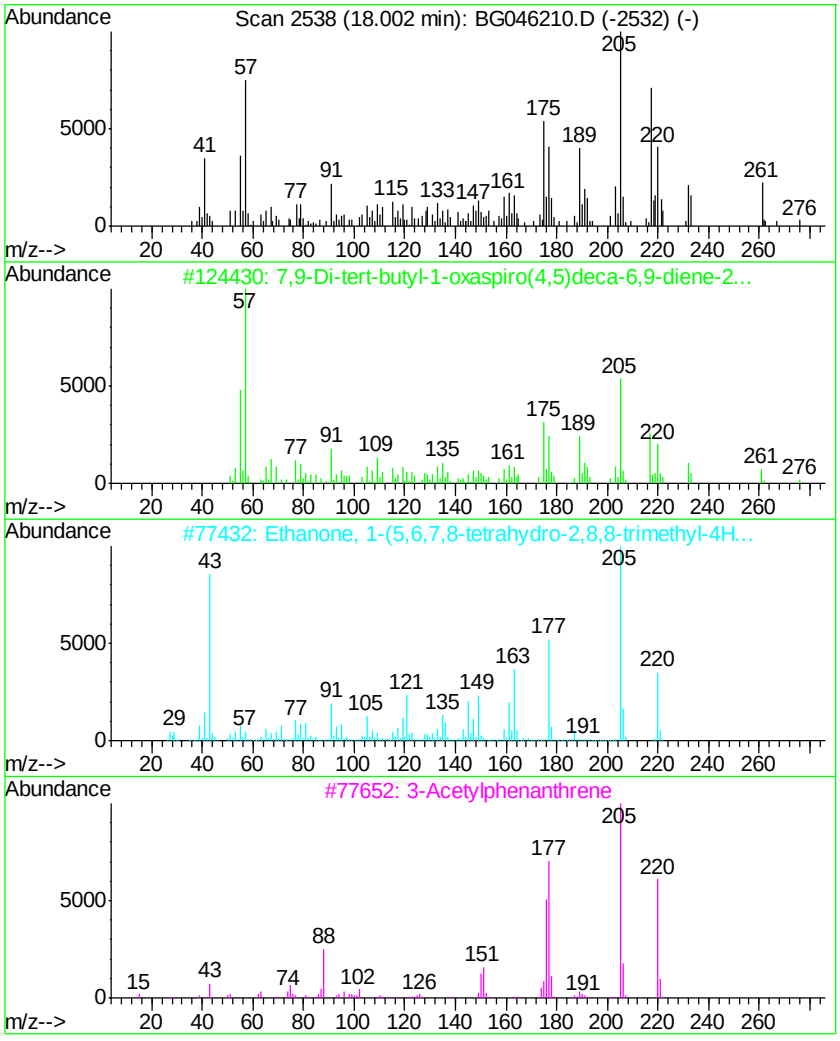
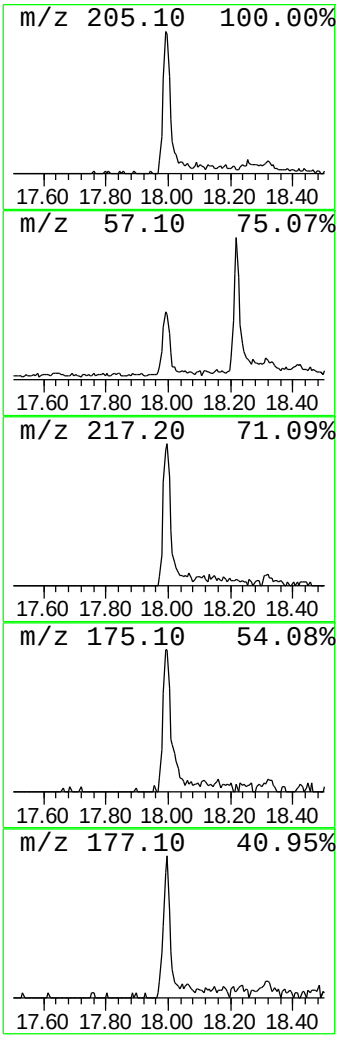
Peak Number 2 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	3.78 ng	229521	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	60
3	3-Acetylphenanthrene	220	C16H12O	002039-76-1	50
4	9-Acetylphenanthrene	220	C16H12O	002039-77-2	47
5	Ethanone, 1-(9-anthracenyl)-	220	C16H12O	000784-04-3	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081020\
Data File : BG046210.D
Acq On : 10 Aug 2020 17:23
Operator : CG/JU
Sample : L3614-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0495-MODIFIED-ELUTRIATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

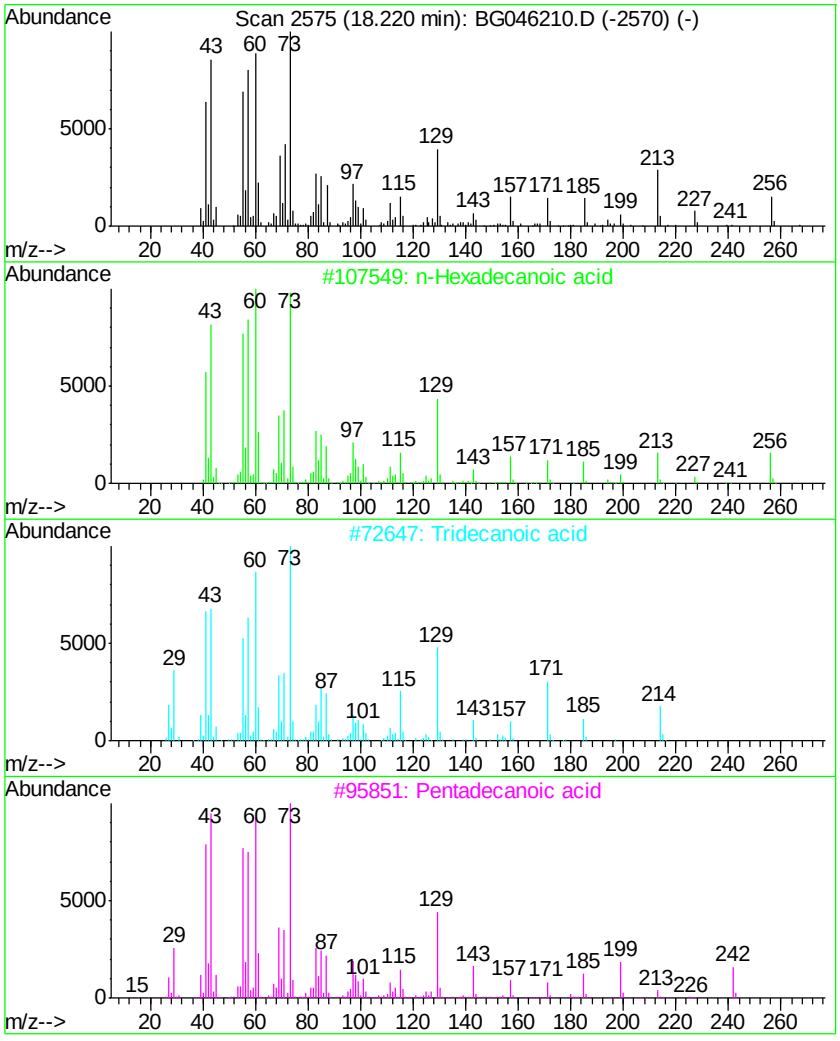
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

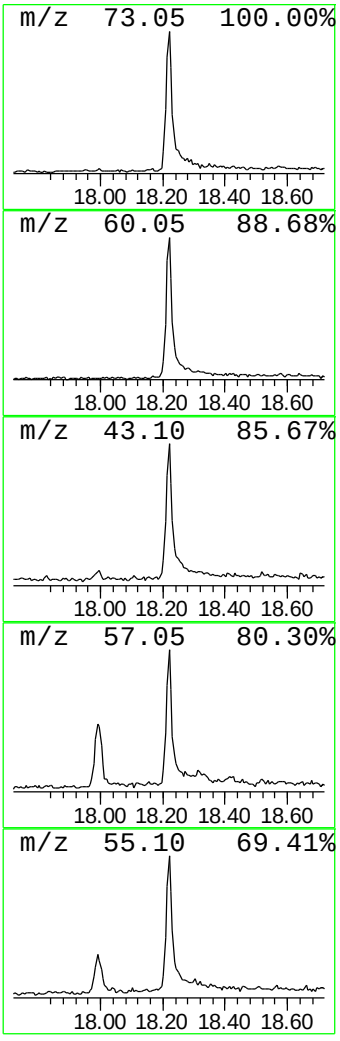
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	6.41 ng	389028	Phenanthrene-d10	17.31

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	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081020\
Data File : BG046210.D
Acq On : 10 Aug 2020 17:23
Operator : CG/JU
Sample : L3614-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0495-MODIFIED-ELUTRIATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
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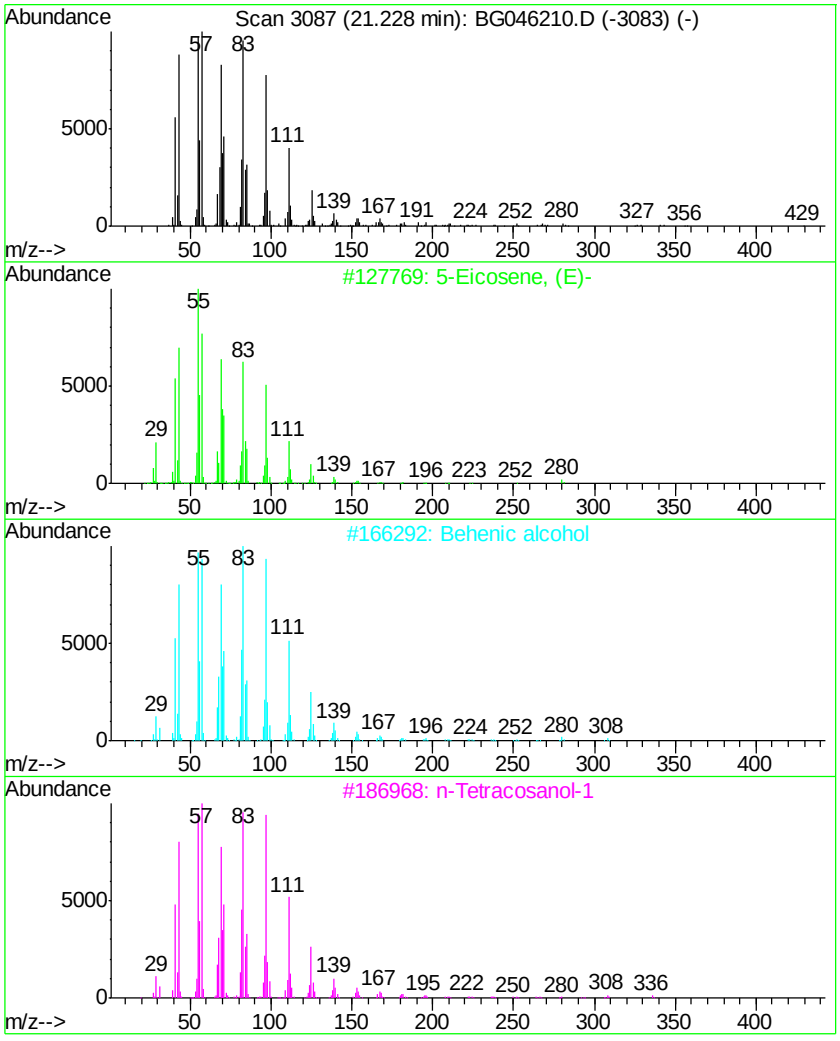
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

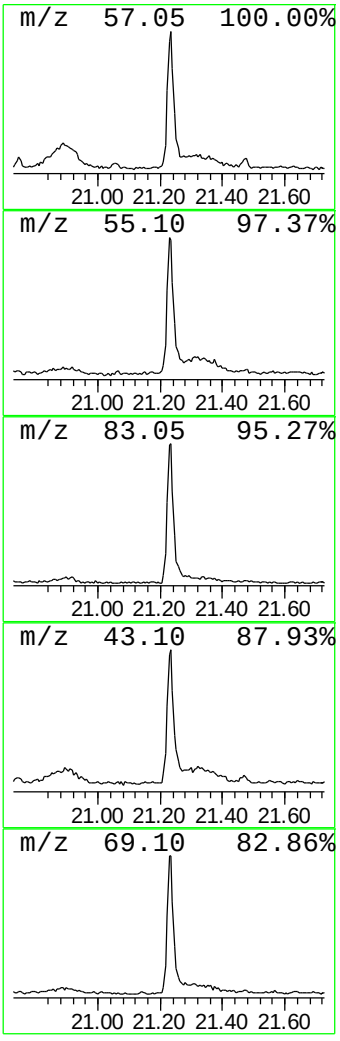
****

Peak Number 4 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	6.21 ng	567025	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4	Cyclotetradecane	196	C14H28	000295-17-0	95
5	1-Heneicosanol	312	C21H44O	015594-90-8	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081020\
Data File : BG046210.D
Acq On : 10 Aug 2020 17:23
Operator : CG/JU
Sample : L3614-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0495-MODIFIED-ELUTRIATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.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...	3.15	57.4	ng	1228200	1	7.95	427982	20.0
7,9-Di-tert-butyl...	18.00	3.8	ng	229521	4	17.31	1212900	20.0
n-Hexadecanoic acid	18.22	6.4	ng	389028	4	17.31	1212900	20.0
5-Eicosene, (E)-	21.23	6.2	ng	567025	5	21.56	1825170	20.0