LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081020\
Data File : BG046211.D
Acq On : 10 Aug 2020 18:04
Operator : CG/JU
Sample : L3614-02
Misc :
ALS Vial : 8 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	3.152	7	11	28	rVB	918927	1435304	20.16%	5.169%
2	5.532	409	416	428	rBV	537020	867528	12.19%	3.124%
3	7.112	678	685	696	rBV	411368	701535	9.85%	2.526%
4	7.953	818	828	836	rBV	256622	432646	6.08%	1.558%
5	9.104	1008	1024	1035	rBV	675980	1242282	17.45%	4.474%
6	10.743	1296	1303	1316	rVB	339762	606034	8.51%	2.182%
7	13.199	1713	1721	1729	rBV	2012666	3160873	44.40%	11.383%
8	14.028	1855	1862	1873	rBV	838976	1216840	17.09%	4.382%
9	14.574	1947	1955	1968	rBV2	643754	1052110	14.78%	3.789%
10	15.391	2087	2094	2100	rBV	161228	226194	3.18%	0.815%
11	16.061	2201	2208	2222	rBV	2011642	3019523	42.41%	10.874%
12	17.318	2415	2422	2430	rBV	820088	1260030	17.70%	4.538%
13	17.947	2524	2529	2533	rBV	140313	186908	2.63%	0.673%
14	17.994	2533	2537	2549	rVB2	139872	224365	3.15%	0.808%
15	18.217	2571	2575	2582	rBV2	196381	308246	4.33%	1.110%
16	18.288	2582	2587	2591	rVV	313046	406835	5.71%	1.465%
17	19.486	2787	2791	2803	rBV2	61429	113746	1.60%	0.410%
18	19.933	2861	2867	2873	rBV	5315558	7119426	100.00%	25.638%
19	21.231	3084	3088	3096	rBV	276305	408909	5.74%	1.473%
20	21.560	3138	3144	3154	rBV2	1169702	1863596	26.18%	6.711%
21	24.668	3663	3673	3682	rBV2	690951	1916144	26.91%	6.900%

Sum of corrected areas: 27769074

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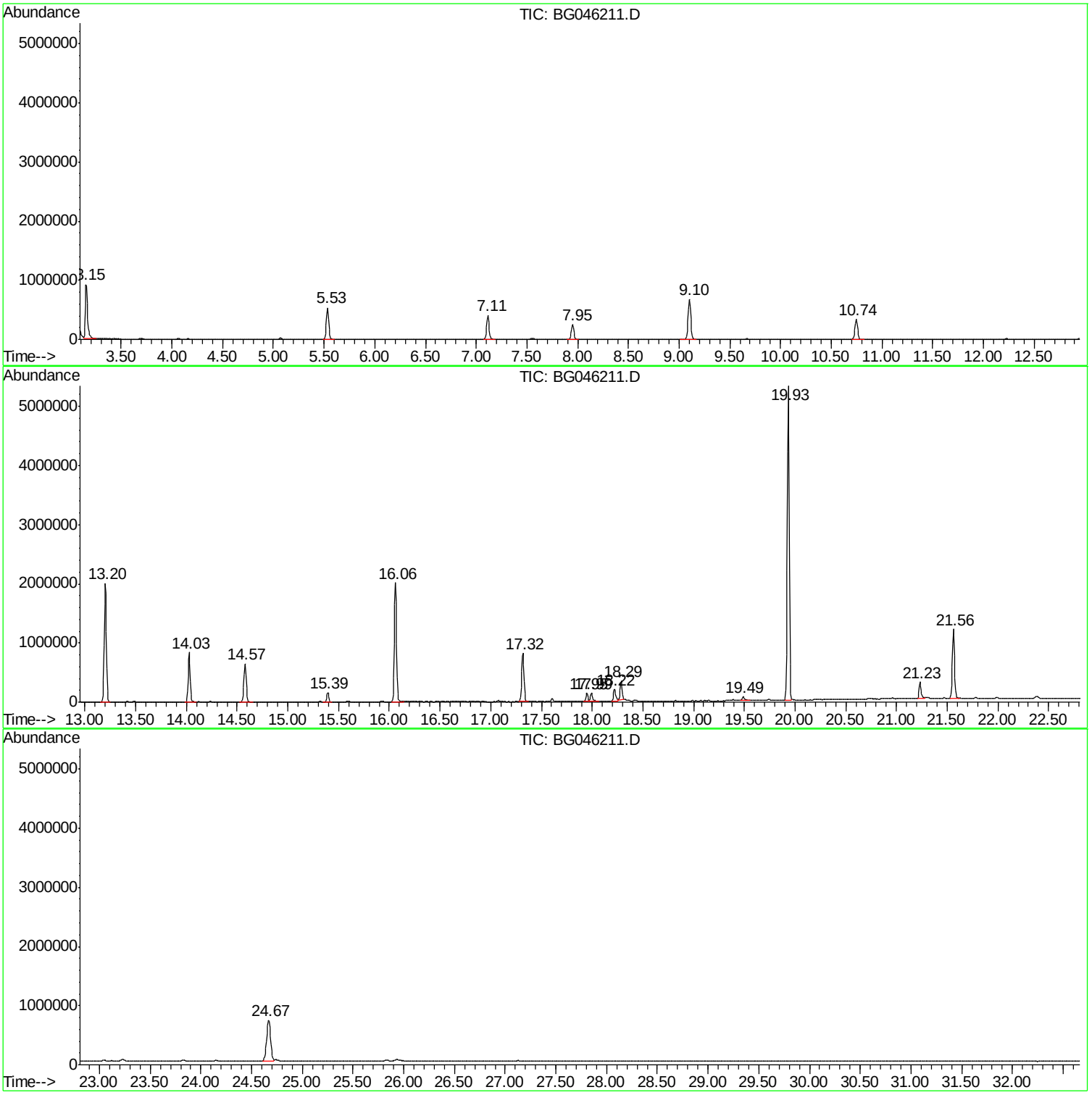
Instrument :
BNA_G
ClientSampleId :
0495-MODIFIED-ELUTRIATE

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

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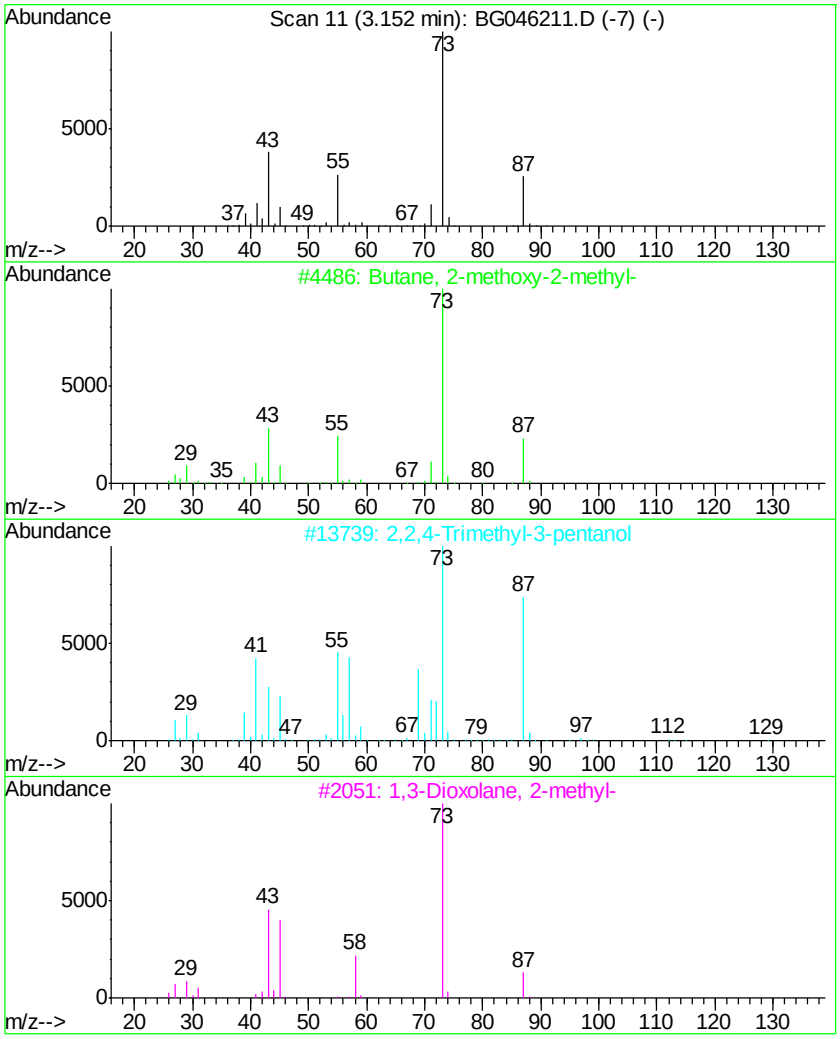
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

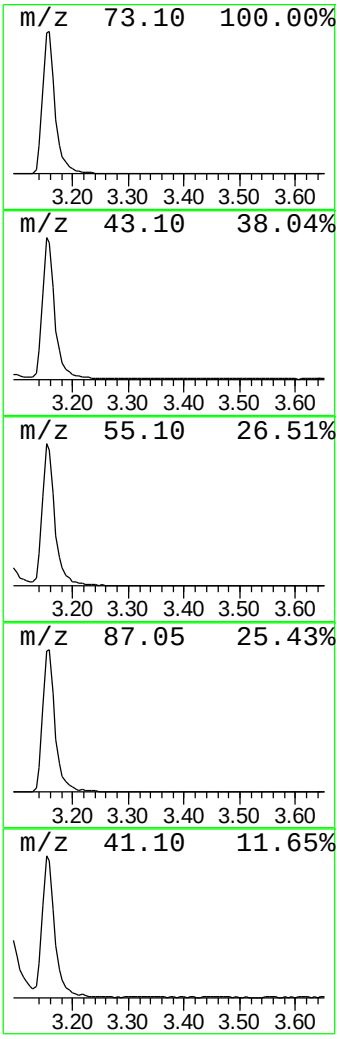
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	66.35 ng	1435300	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	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

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ALS Vial : 8 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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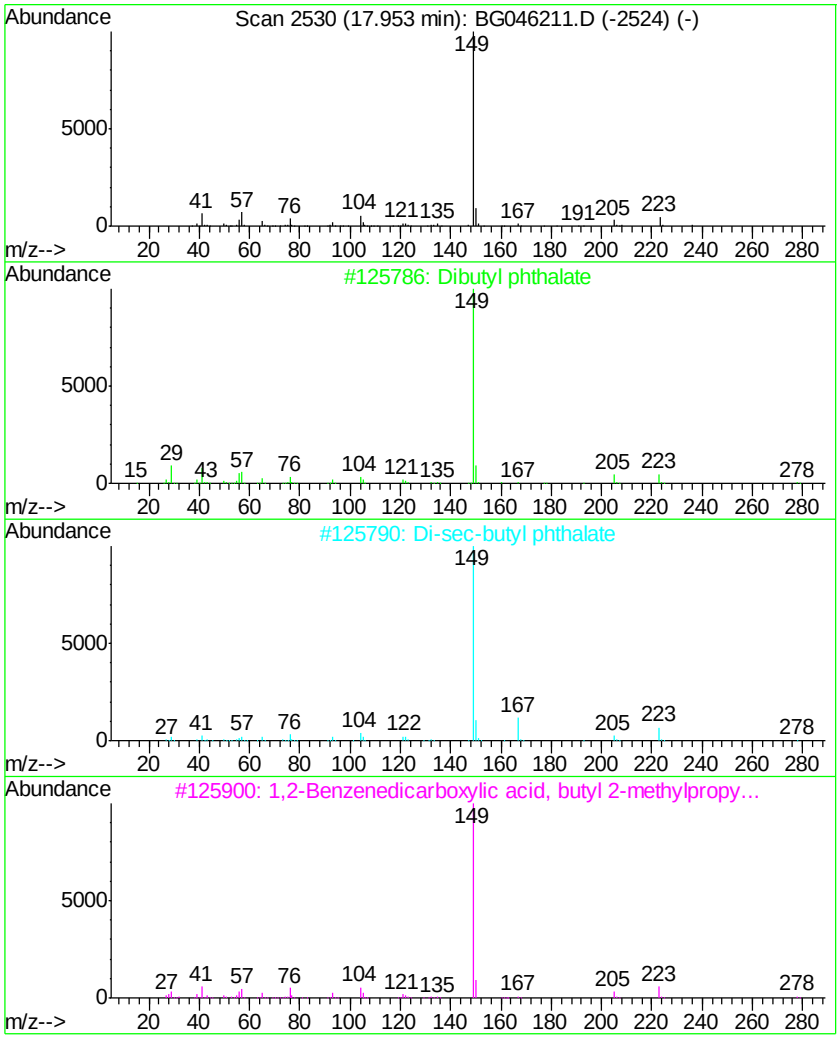
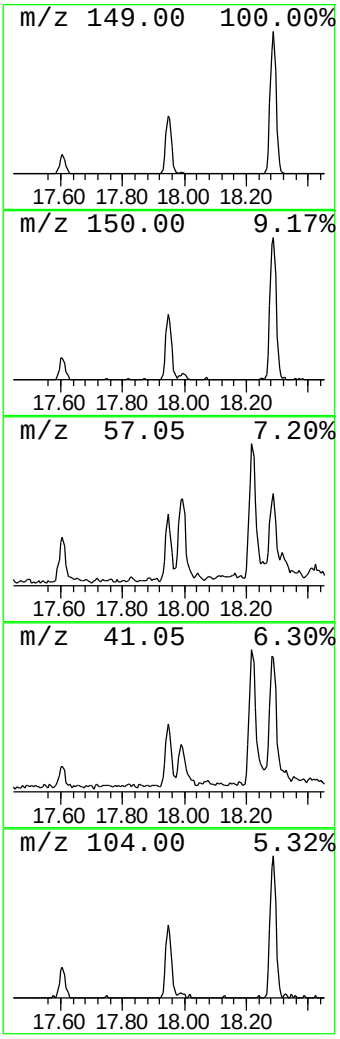
****

Peak Number 2 Di-sec-butyl phthalate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	2.97 ng	186908	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibutyl phthalate	278	C16H22O4	000084-74-2	91
2	Di-sec-butyl phthalate	278	C16H22O4	1000373-65-4	90
3	1,2-Benzenedicarboxylic acid, bu...	278	C16H22O4	017851-53-5	90
4	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	90
5	Phthalic acid, butyl hexyl ester	306	C18H26O4	1000308-99-5	83





Library Search Compound Report

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Misc :
ALS Vial : 8 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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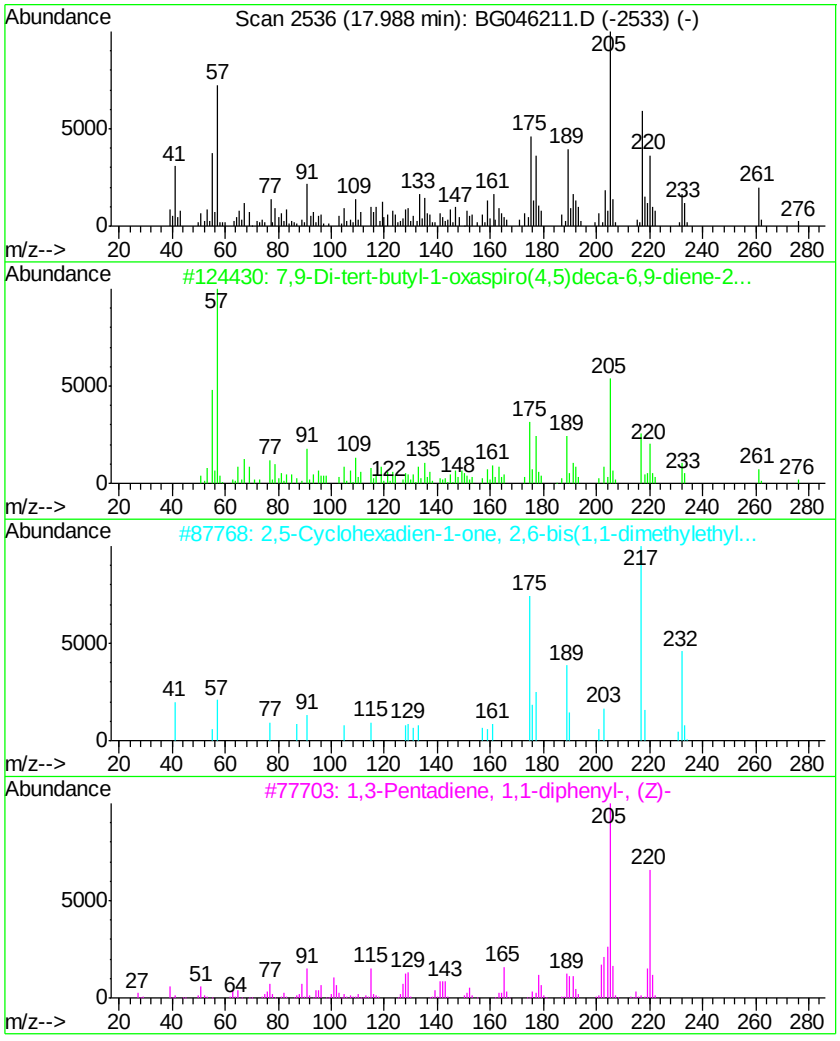
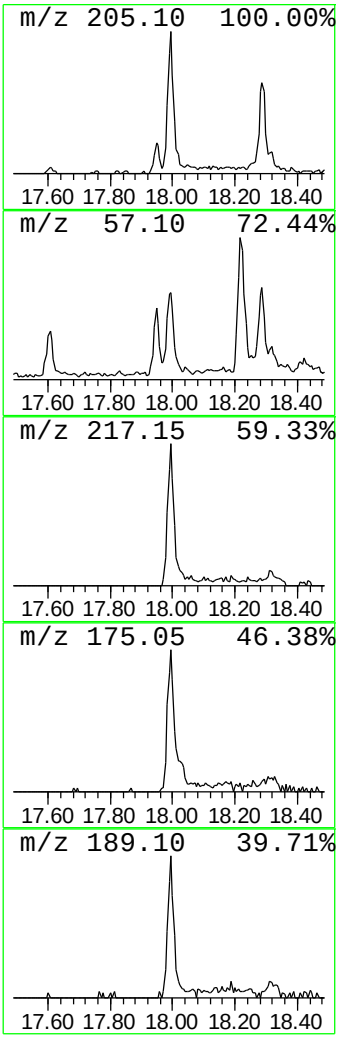
Peak Number 3 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	3.56 ng	224365	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	94
2	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	81
3	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	46
4	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	38
5	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	38





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Data File : BG046211.D
Acq On : 10 Aug 2020 18:04
Operator : CG/JU
Sample : L3614-02
Misc :
ALS Vial : 8 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
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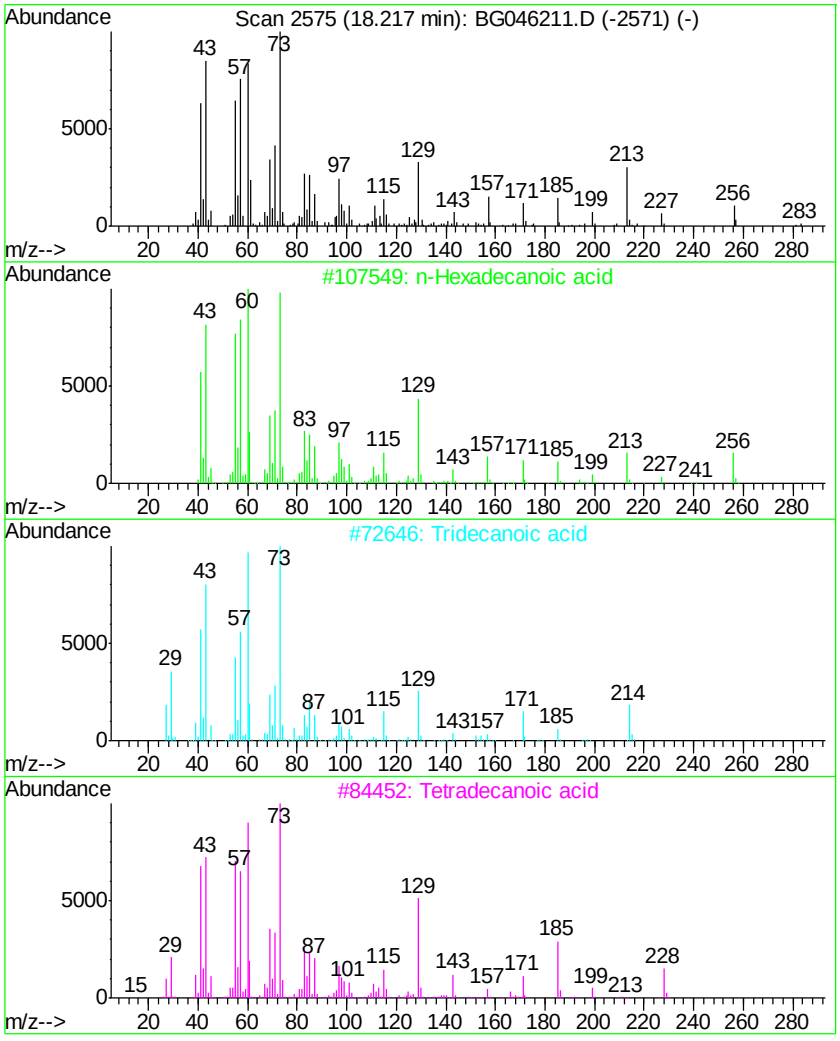
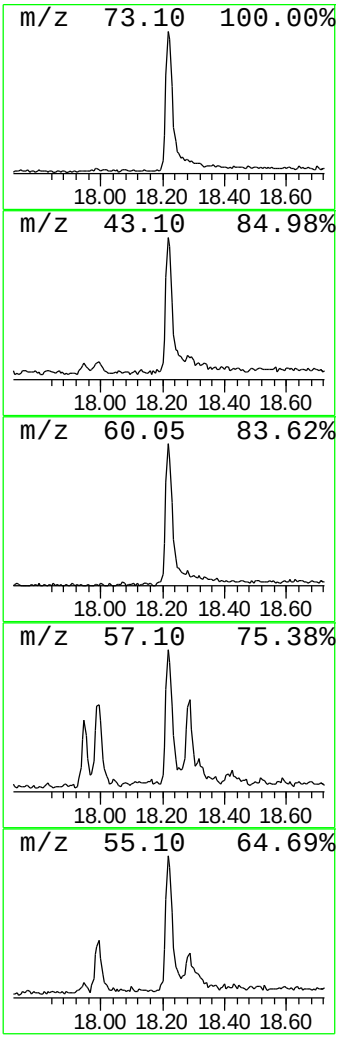
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	4.89 ng	308246	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





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Operator : CG/JU
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Misc :
ALS Vial : 8 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

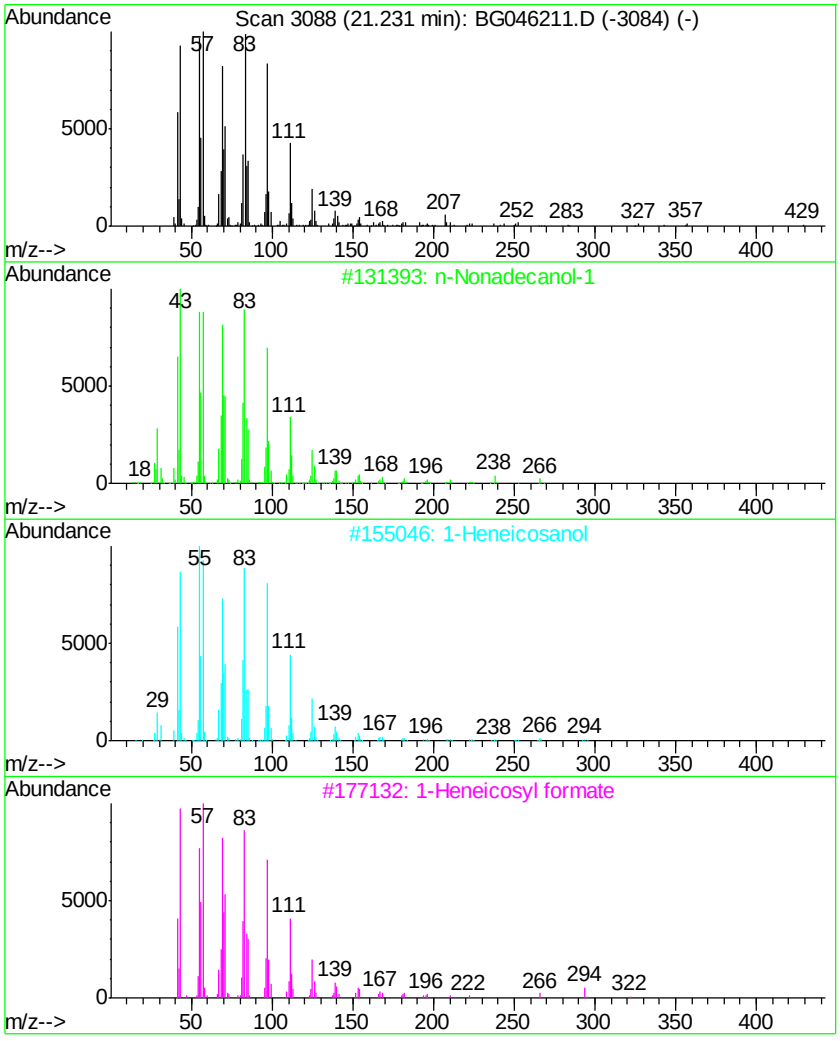
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

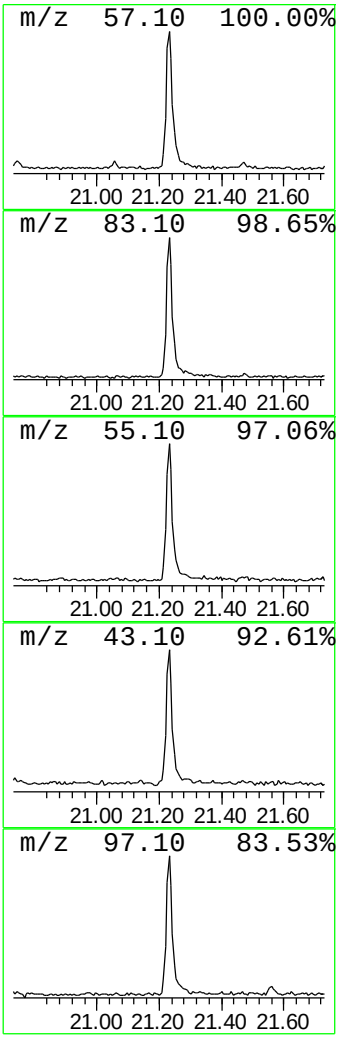
****

Peak Number 5 n-Nonadecanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	4.39 ng	408909	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
4	Behenic alcohol	326	C22H46O	000661-19-8	95
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94





Tentatively Identified Compound (LSC) summary

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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	66.3	ng	1435300	1	7.95	432646	20.0
Di-sec-butyl phth...	17.95	3.0	ng	186908	4	17.32	1260030	20.0
7,9-Di-tert-butyl...	17.99	3.6	ng	224365	4	17.32	1260030	20.0
n-Hexadecanoic acid	18.22	4.9	ng	308246	4	17.32	1260030	20.0
n-Nonadecanol-1	21.23	4.4	ng	408909	5	21.56	1863600	20.0