LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100622\
Data File : BG055090.D
Acq On : 6 Oct 2022 20:24
Operator : CG/JU
Sample : N5014-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

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-BG100322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055090.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.373	9	14	30	rVB	288091	435337	20.95%	4.446%
2	5.383	348	356	367	rBV	146870	222442	10.71%	2.272%
3	5.853	429	436	445	rBV	421924	670079	32.25%	6.843%
4	7.463	702	710	718	rBV	450549	750986	36.15%	7.669%
5	8.338	852	859	869	rBV	100767	168889	8.13%	1.725%
6	9.507	1047	1058	1065	rBV	251930	457461	22.02%	4.672%
7	11.164	1333	1340	1348	rVB	130764	239494	11.53%	2.446%
8	13.573	1743	1750	1757	rBV	740416	1138736	54.81%	11.629%
9	14.942	1976	1983	1990	rVB	226253	362904	17.47%	3.706%
10	16.417	2227	2234	2245	rBV	701867	1062026	51.12%	10.845%
11	17.674	2442	2448	2454	rBV	326543	492047	23.68%	5.025%
12	18.526	2587	2593	2604	rBV2	65223	106971	5.15%	1.092%
13	19.783	2802	2807	2815	rBV5	15698	28772	1.38%	0.294%
14	20.248	2880	2886	2893	rBV	1542025	2077653	100.00%	21.217%
15	21.570	3106	3111	3117	rBV	115957	179120	8.62%	1.829%
16	21.969	3172	3179	3185	rBV	317529	564907	27.19%	5.769%
17	22.821	3318	3324	3331	rVB10	13187	32063	1.54%	0.327%
18	23.931	3505	3513	3522	rBV5	25319	59746	2.88%	0.610%
19	24.437	3593	3599	3603	rBV2	14511	28474	1.37%	0.291%
20	24.490	3604	3608	3620	rVB7	19048	48028	2.31%	0.490%
21	25.412	3755	3765	3781	rVB2	186519	572979	27.58%	5.851%
22	26.705	3978	3985	3986	rBV2	15115	25229	1.21%	0.258%
23	26.834	3999	4007	4018	rBV10	13703	45257	2.18%	0.462%
24	29.049	4376	4384	4385	rBV6	11315	22795	1.10%	0.233%

Sum of corrected areas: 9792395

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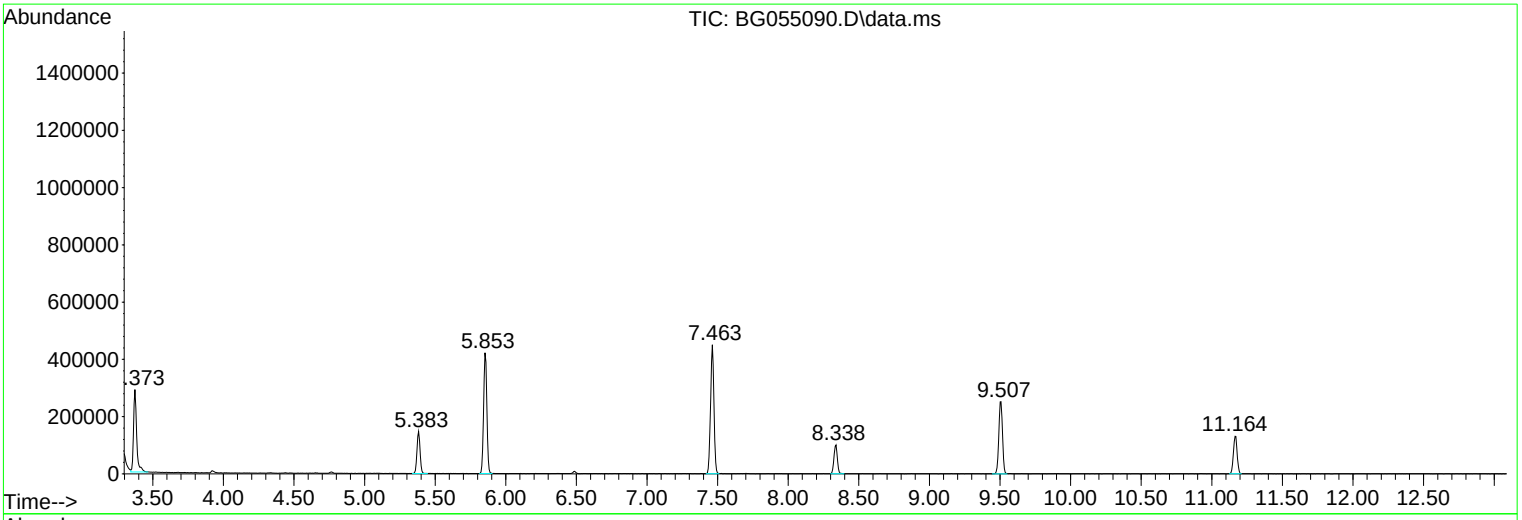
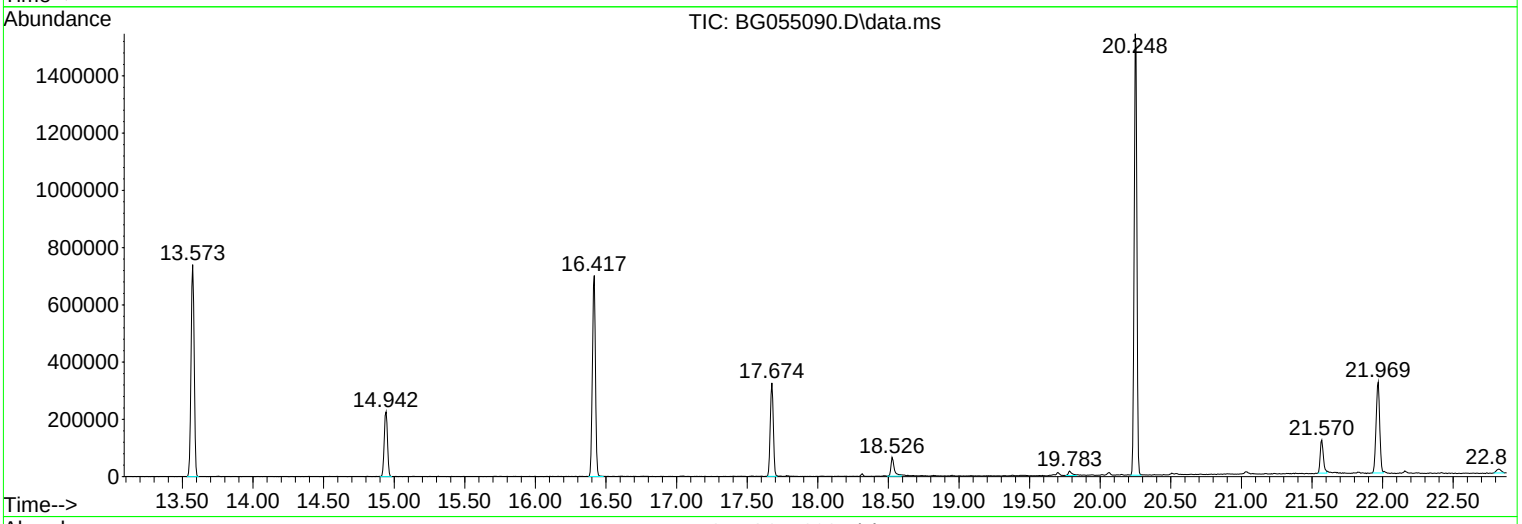
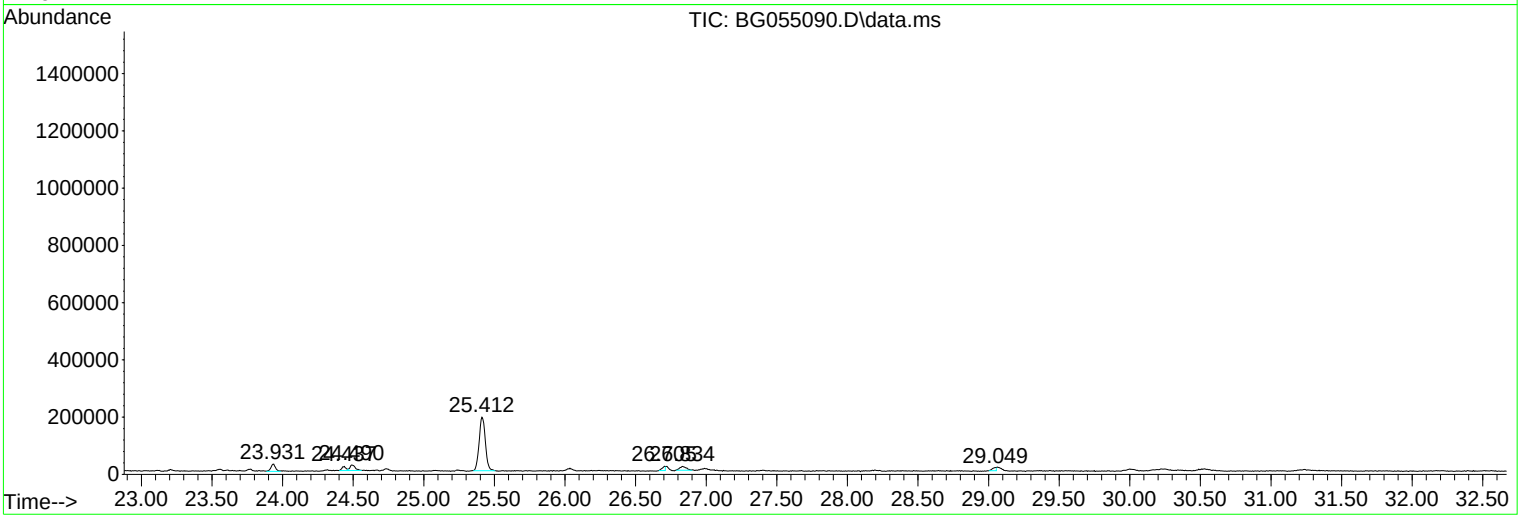
ClientSampleId :
SB-02-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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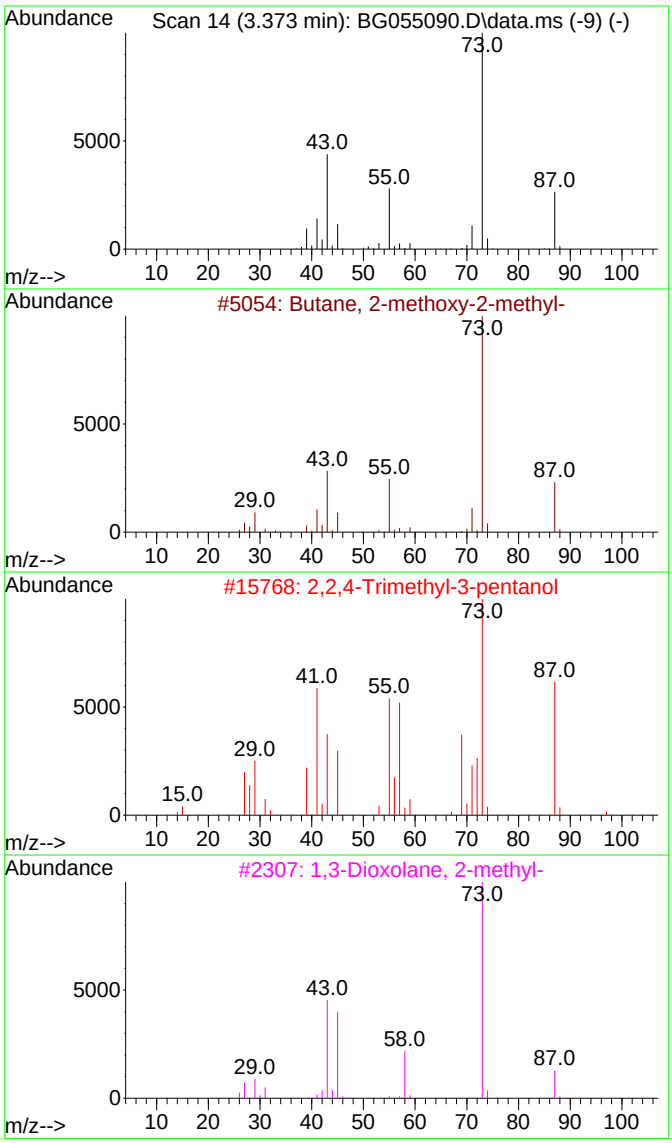
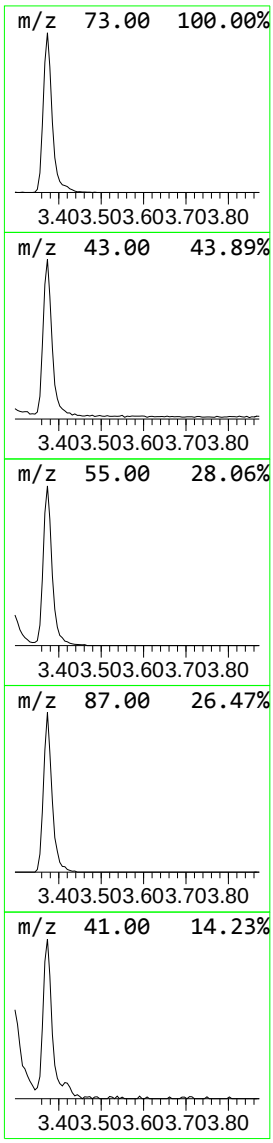
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.373	51.55 ng	435337	1,4-Dichlorobenzene-d4	8.338

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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Instrument :
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ClientSampleId :
SB-02-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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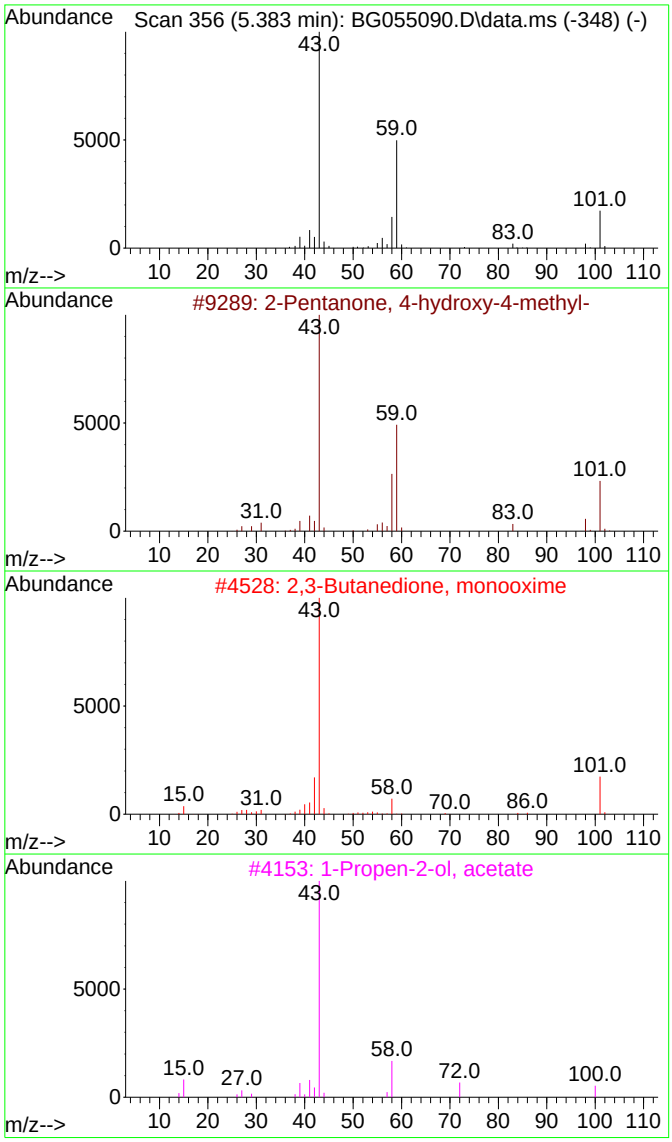
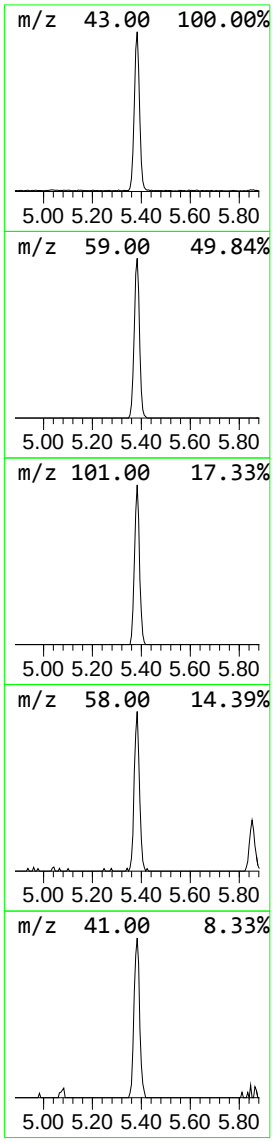
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.383	26.34 ng	222442	1,4-Dichlorobenzene-d4	8.338

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	Allyl acetate	100	C5H8O2	000591-87-7	10
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





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Sample : N5014-14
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

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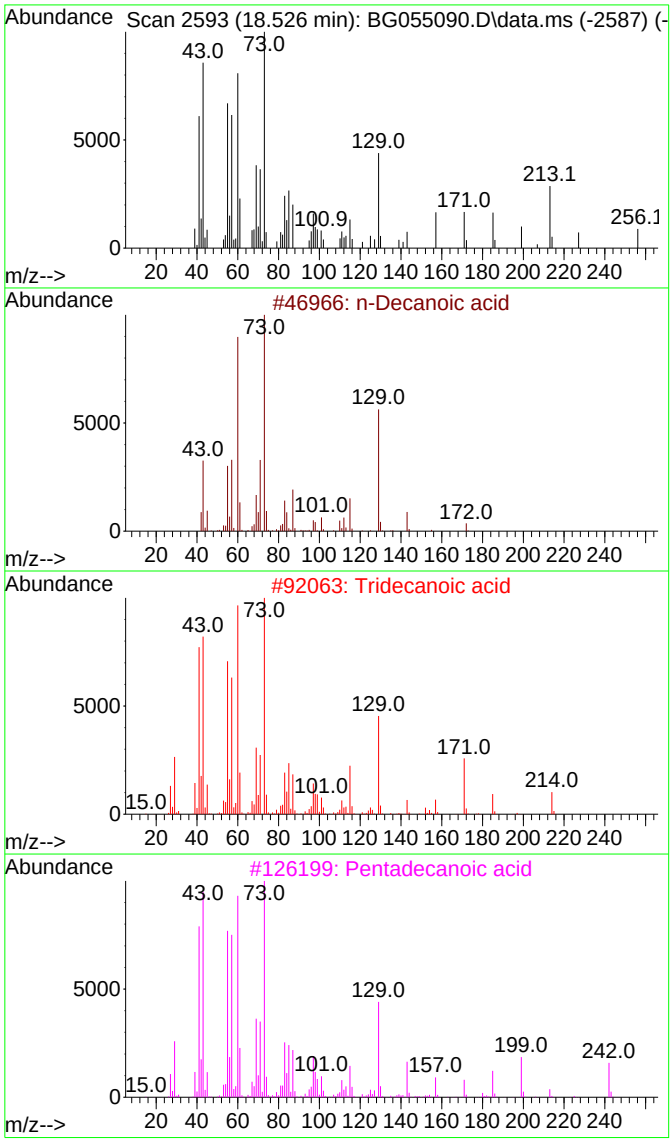
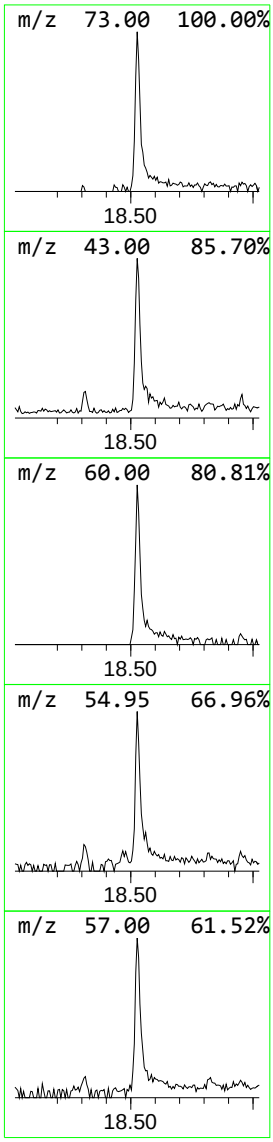
Peak Number 3 n-Decanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.526	4.35 ng	106971	Phenanthrene-d10	17.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Undecanoic acid	186	C11H22O2	000112-37-8	81





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BNA_G
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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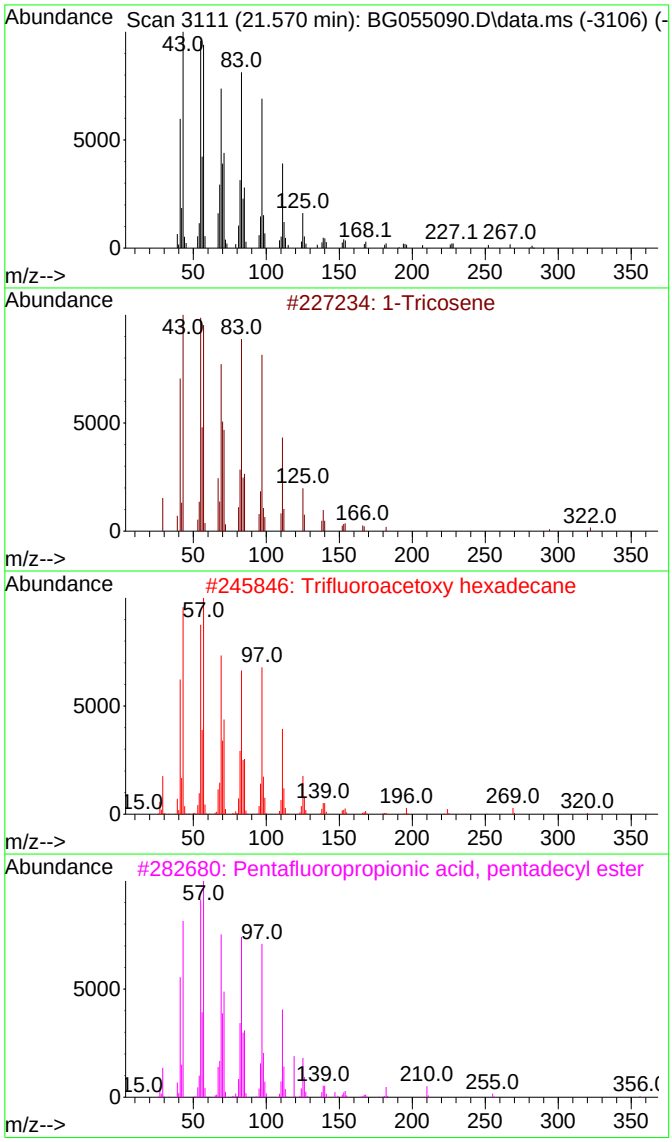
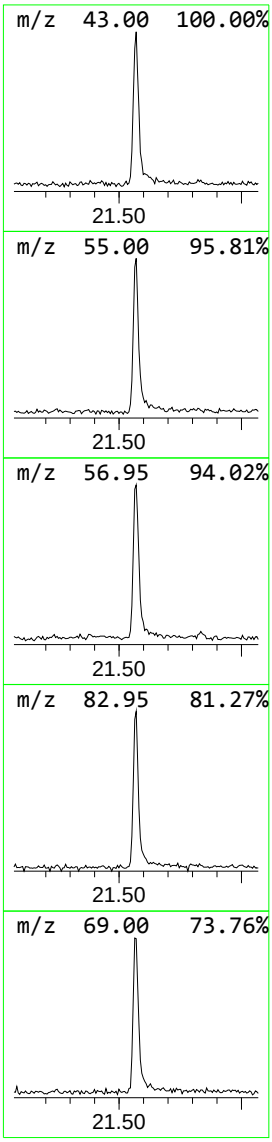
Peak Number 4 1-Tricosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.570	6.34 ng	179120	Chrysene-d12	21.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	94
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	94





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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-02-0-2.0

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TIC Library : C:\Database\NIST20.L
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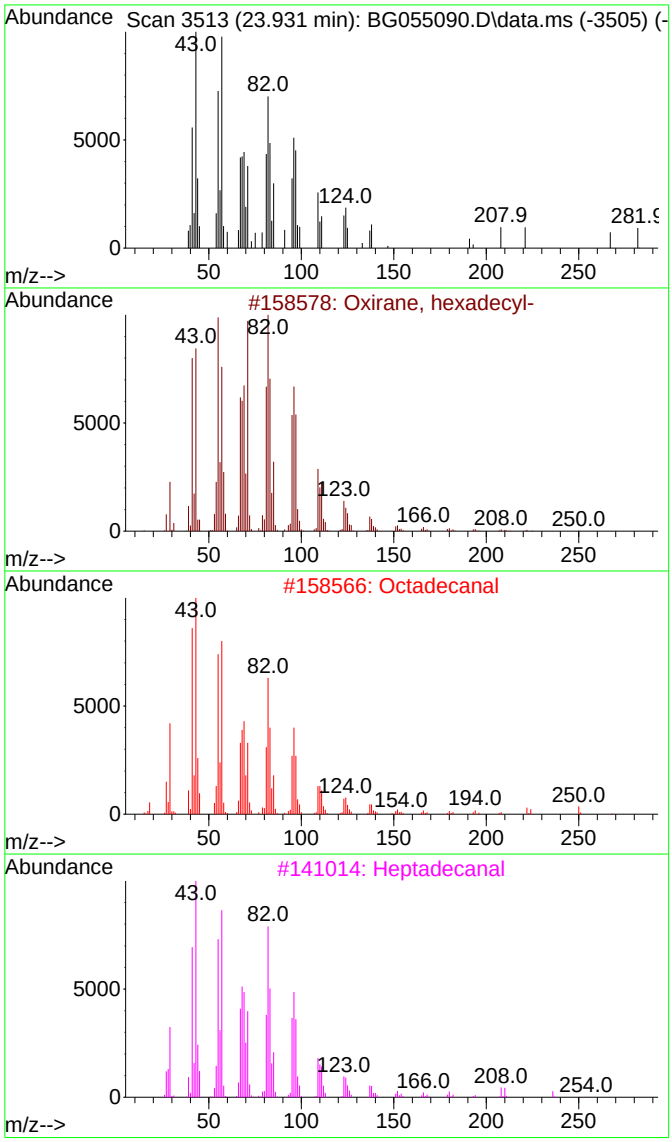
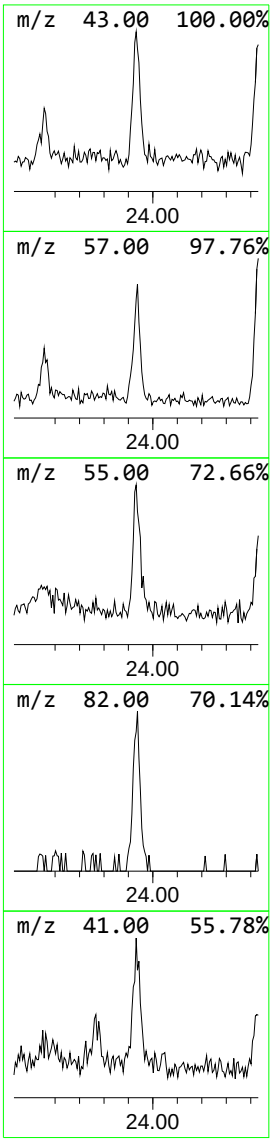
Peak Number 5 Oxirane, hexadecyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.932	2.09 ng	59746	Perylene-d12	25.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
2	Octadecanal	268	C18H36O	000638-66-4	76
3	Heptadecanal	254	C17H34O	1000376-70-0	74
4	Hexadecanal	240	C16H32O	000629-80-1	68
5	9-Octadecen-1-ol, (Z)-	268	C18H36O	000143-28-2	64





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.373	51.5	ng	435337	1	8.338	168889	20.0
2-Pentanone, 4-...	5.383	26.3	ng	222442	1	8.338	168889	20.0
n-Decanoic acid	18.526	4.3	ng	106971	4	17.674	492047	20.0
1-Tricosene	21.570	6.3	ng	179120	5	21.969	564907	20.0
Oxirane, hexade...	23.932	2.1	ng	59746	6	25.412	572979	20.0