LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052522\
Data File : BG053705.D
Acq On : 25 May 2022 22:27
Operator : CG/JU
Sample : N2893-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P004-SS002-0006-01

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-BG050522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053705.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.096	14	18	31	rVB	198784	320617	20.77%	3.887%
2	3.284	46	50	57	rVB5	11922	21015	1.36%	0.255%
3	5.551	430	436	449	rBV	352516	595188	38.55%	7.215%
4	7.161	703	710	723	rBV	396543	687792	44.55%	8.338%
5	7.989	844	851	858	rBV	98612	169904	11.01%	2.060%
6	9.152	1042	1049	1064	rBV	248681	443079	28.70%	5.371%
7	10.797	1322	1329	1339	rBV	139080	247454	16.03%	3.000%
8	13.247	1739	1746	1755	rBV	694210	1054902	68.33%	12.788%
9	14.627	1974	1981	1988	rBV	225546	360925	23.38%	4.375%
10	16.113	2228	2234	2246	rBV	552724	837926	54.28%	10.158%
11	17.370	2442	2448	2458	rVB	290669	431692	27.96%	5.233%
12	18.257	2595	2599	2611	rBV3	68851	126900	8.22%	1.538%
13	18.569	2642	2652	2657	rBV9	8340	26654	1.73%	0.323%
14	19.421	2790	2797	2800	rBV8	9908	23546	1.53%	0.285%
15	19.532	2812	2816	2821	rBV7	16081	29431	1.91%	0.357%
16	19.979	2886	2892	2899	rVB	1194950	1543770	100.00%	18.714%
17	20.084	2905	2910	2914	rBV	72662	99603	6.45%	1.207%
18	20.531	2982	2986	2990	rBV7	10773	19876	1.29%	0.241%
19	21.083	3077	3080	3084	rVB5	16286	23202	1.50%	0.281%
20	21.265	3107	3111	3119	rBV2	92114	152194	9.86%	1.845%
21	21.635	3168	3174	3181	rBV2	278768	475662	30.81%	5.766%
22	22.411	3302	3306	3309	rBV	32432	45363	2.94%	0.550%
23	22.728	3357	3360	3364	rBV6	17575	24654	1.60%	0.299%
24	24.837	3710	3719	3729	rVB2	167089	487874	31.60%	5.914%

Sum of corrected areas: 8249223

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ClientSampleId :
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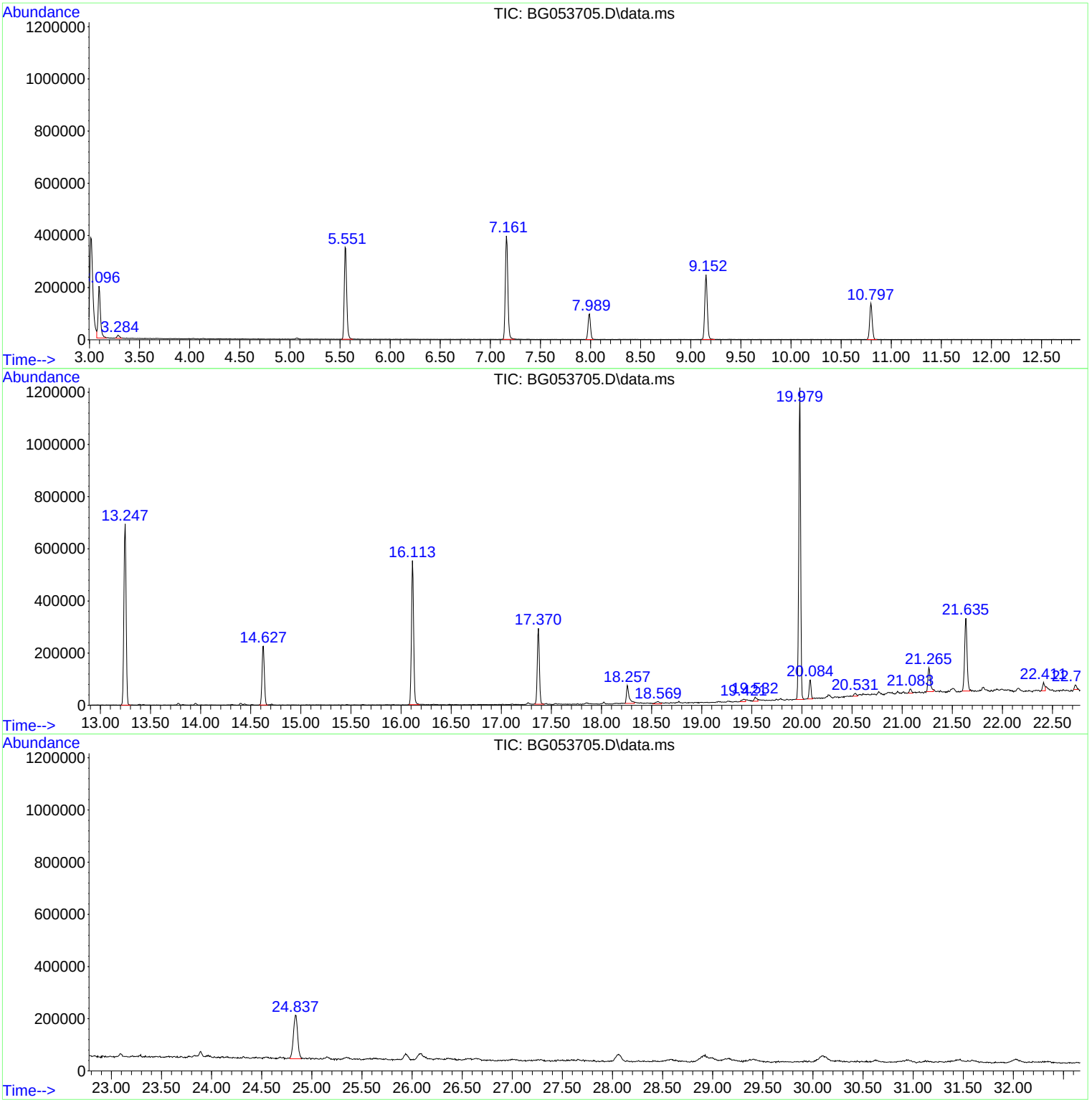
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Misc :
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Instrument :
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ClientSampleId :
P004-SS002-0006-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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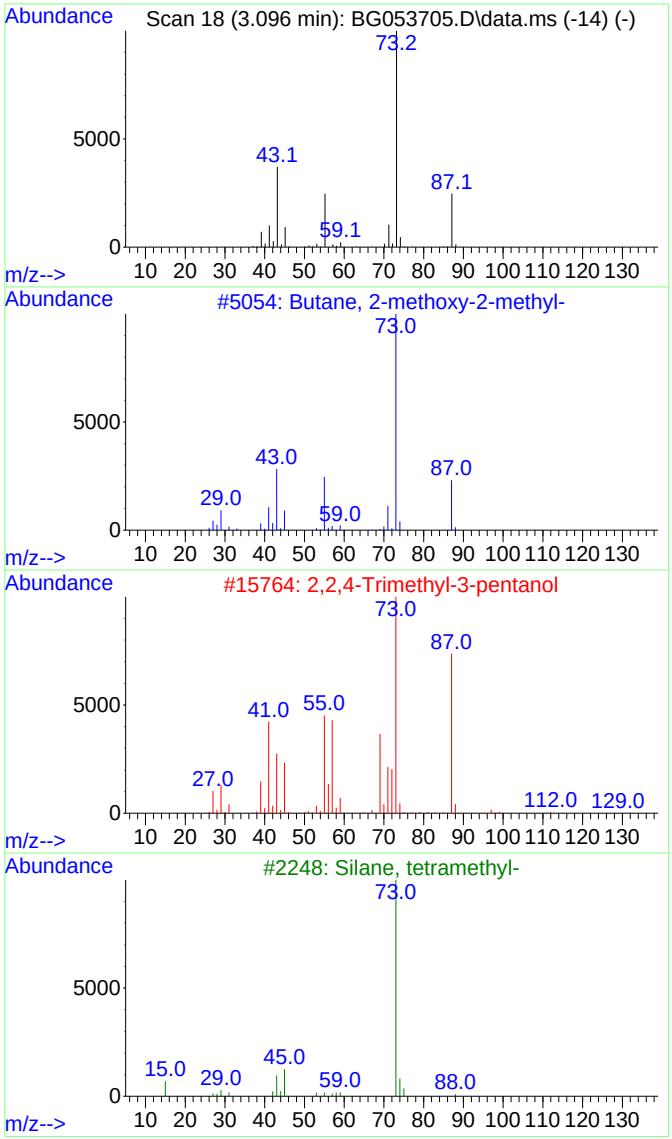
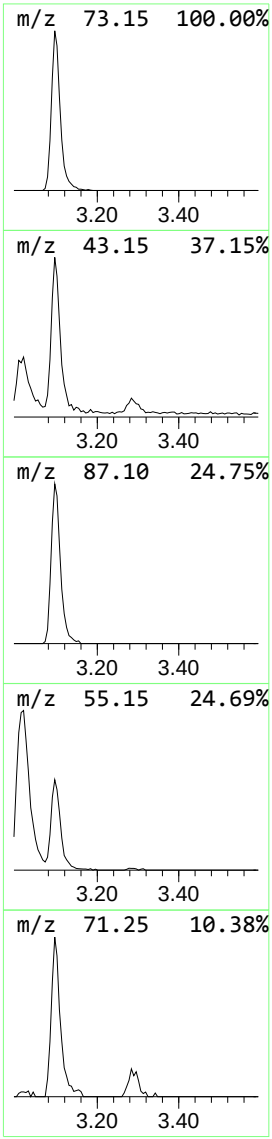
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.096	37.74 ng	320617	1,4-Dichlorobenzene-d4	7.989

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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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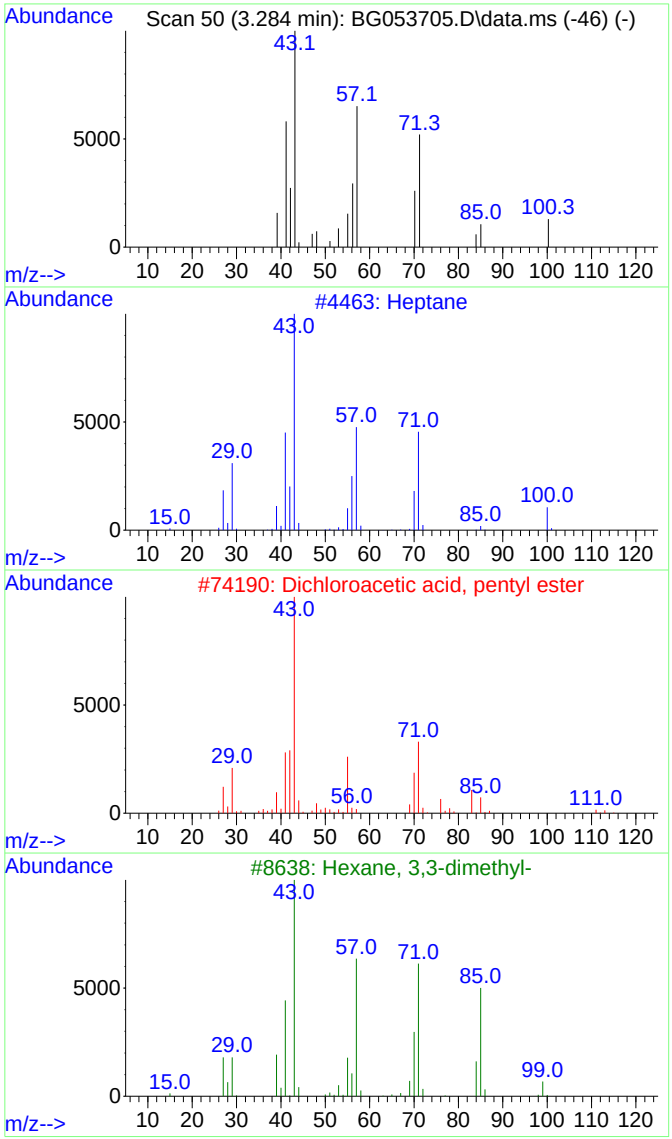
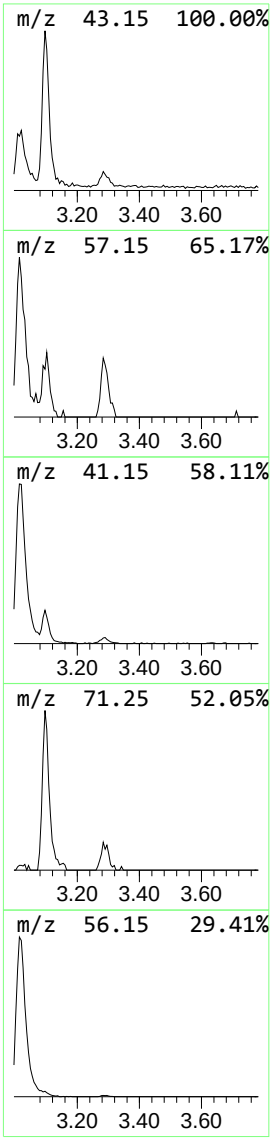
****

Peak Number 2 Heptane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.284	2.47 ng	21015	1,4-Dichlorobenzene-d4	7.989

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	80
2	Dichloroacetic acid, pentyl ester	198	C7H12Cl2O2	037079-03-1	50
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	40
4	2,2-Dimethyl-propyl 2,2-dimethyl...	254	C10H22O3S2	082360-14-3	38
5	2,2-Dimethylperhydro-1,3-oxazine	115	C6H13NO	073155-29-0	38





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ClientSampleId :
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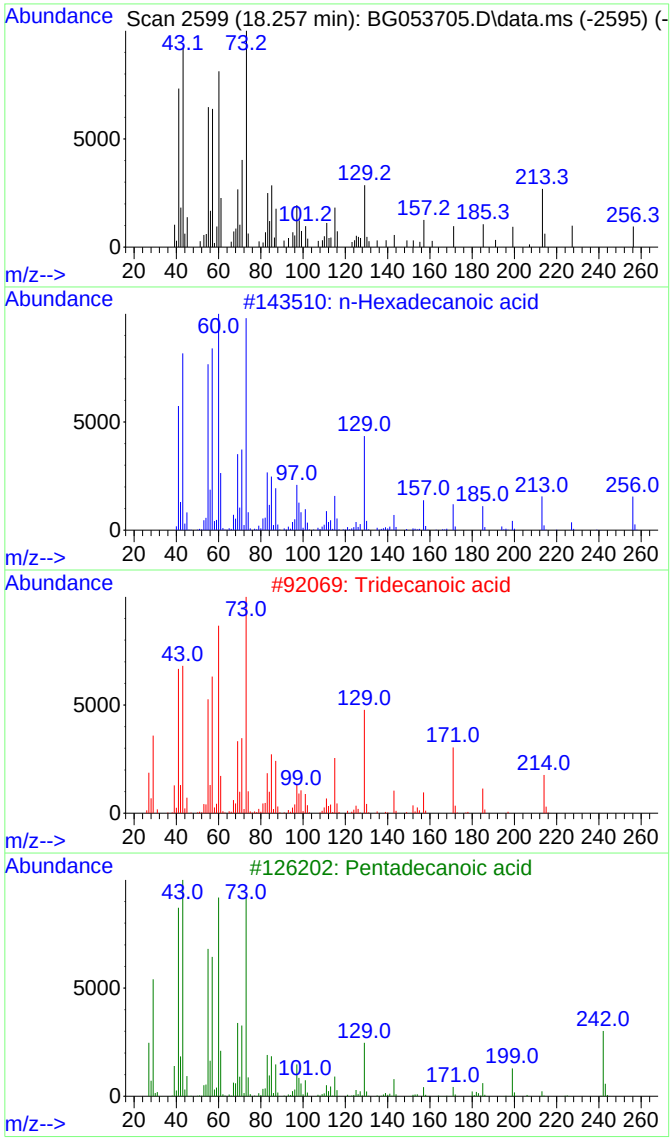
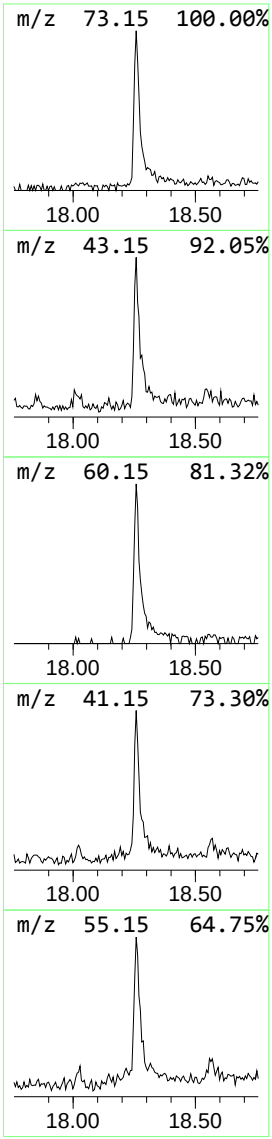
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.257	5.88 ng	126900	Phenanthrene-d10	17.370

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Oxalic acid, dodecyl isobutyl ester	314	C18H34O4	1000309-37-7	25





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P004-SS002-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.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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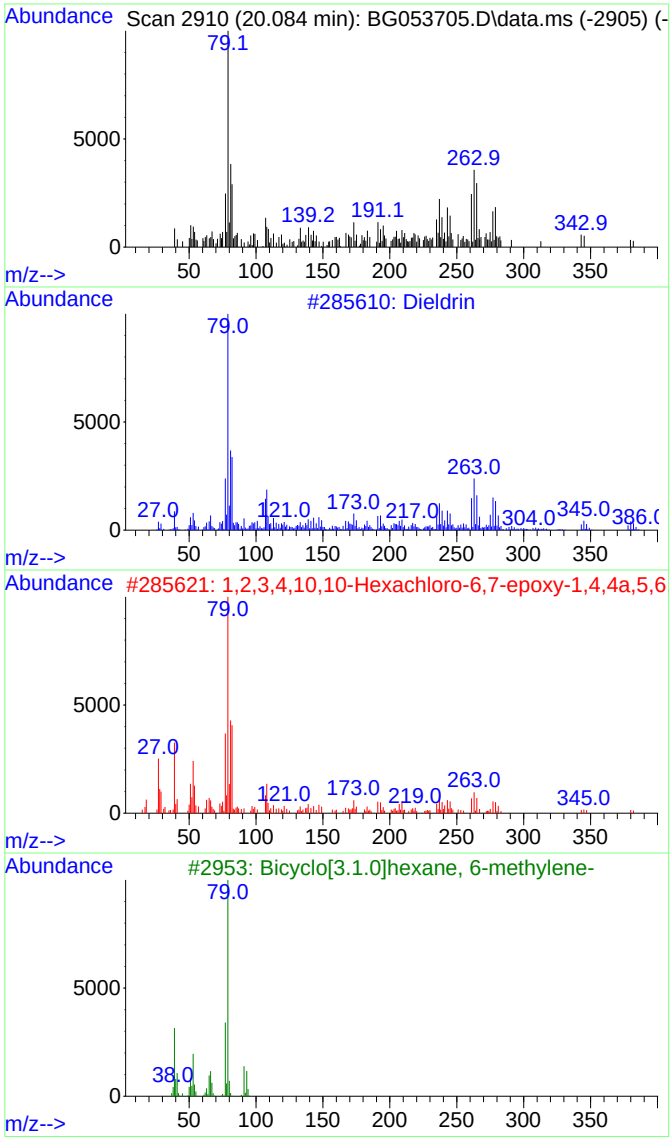
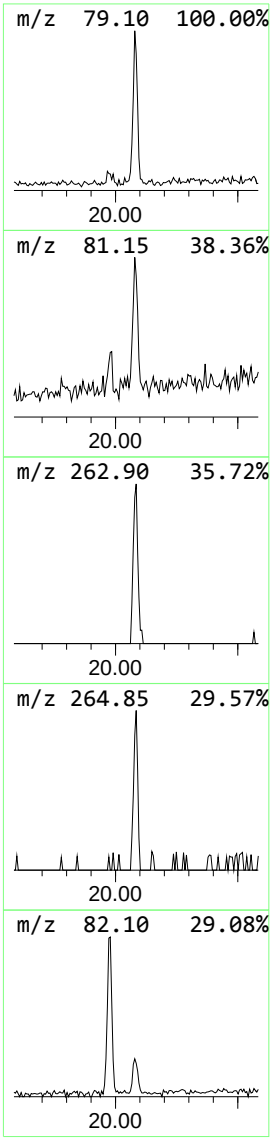
Peak Number 4 Dieldrin Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.084	4.19 ng	99603	Chrysene-d12	21.635

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dieldrin	378	C12H8Cl6O	000060-57-1	90
2	1,2,3,4,10,10-Hexachloro-6,7-epo...	378	C12H8Cl6O	056816-04-7	38
3	Bicyclo[3.1.0]hexane, 6-methylene-	94	C7H10	054211-16-4	27
4	Silane, chloroethylmethyl-	108	C3H9ClSi	006374-21-6	27
5	Cyclopropane, ethenylmethylene-	80	C6H8	019995-92-7	27





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Sample : N2893-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
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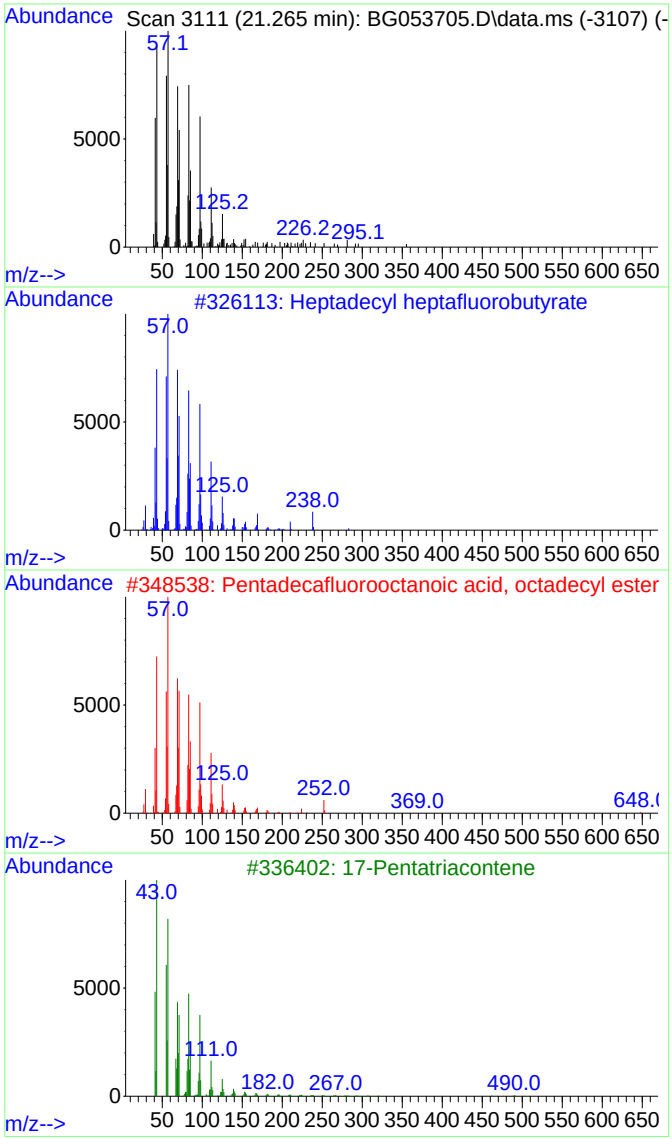
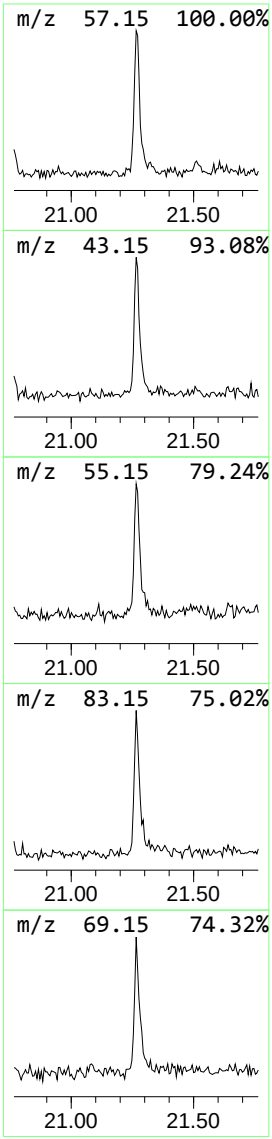
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Heptadecyl heptafluorobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.265	6.40 ng	152194	Chrysene-d12	21.635

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	Cetene	224	C16H32	000629-73-2	87
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	83





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.096	37.7	ng	320617	1	7.989	169904	20.0
Heptane	3.284	2.5	ng	21015	1	7.989	169904	20.0
n-Hexadecanoic ...	18.257	5.9	ng	126900	4	17.370	431692	20.0
Dieldrin	20.084	4.2	ng	99603	5	21.635	475662	20.0
Heptadecyl hept...	21.265	6.4	ng	152194	5	21.635	475662	20.0