LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053654.D
Acq On : 20 May 2022 21:42
Operator : CG/JU
Sample : N2940-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-1-051922

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: BG053654.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.164	293	302	309	rVB3	15933	30031	1.26%	0.237%
2	5.640	377	383	399	rBV	762247	1302096	54.54%	10.277%
3	7.244	648	656	670	rBV	788588	1443268	60.45%	11.391%
4	8.066	790	796	803	rBV	127880	224058	9.38%	1.768%
5	9.235	986	995	1009	rBV	500415	930764	38.98%	7.346%
6	10.880	1268	1275	1283	rBV	165641	311097	13.03%	2.455%
7	13.318	1683	1690	1698	rBV	1286319	2025300	84.83%	15.984%
8	14.140	1823	1830	1837	rBV	33942	55642	2.33%	0.439%
9	14.698	1918	1925	1933	rVB	272991	432064	18.10%	3.410%
10	16.185	2171	2178	2192	rBV	918233	1446774	60.60%	11.418%
11	17.442	2385	2392	2397	rBV	317038	492735	20.64%	3.889%
12	17.483	2397	2399	2405	rVV	27025	38777	1.62%	0.306%
13	18.323	2538	2542	2547	rBV4	51951	95176	3.99%	0.751%
14	18.511	2569	2574	2578	rBV7	12816	27636	1.16%	0.218%
15	19.233	2692	2697	2700	rBV4	36284	61333	2.57%	0.484%
16	19.492	2737	2741	2747	rBV	65794	94660	3.96%	0.747%
17	19.809	2793	2795	2799	rBV4	20839	25453	1.07%	0.201%
18	19.856	2799	2803	2810	rVB	69366	111261	4.66%	0.878%
19	20.050	2830	2836	2841	rVB	1699364	2387507	100.00%	18.843%
20	20.338	2883	2885	2890	rVB3	42822	51212	2.14%	0.404%
21	20.837	2967	2970	2976	rVB2	36026	41106	1.72%	0.324%
22	21.342	3052	3056	3062	rBV2	105535	160347	6.72%	1.266%
23	21.718	3115	3120	3126	rBV	257692	426795	17.88%	3.368%
24	24.990	3672	3677	3688	rVB	163656	455499	19.08%	3.595%

Sum of corrected areas: 12670591

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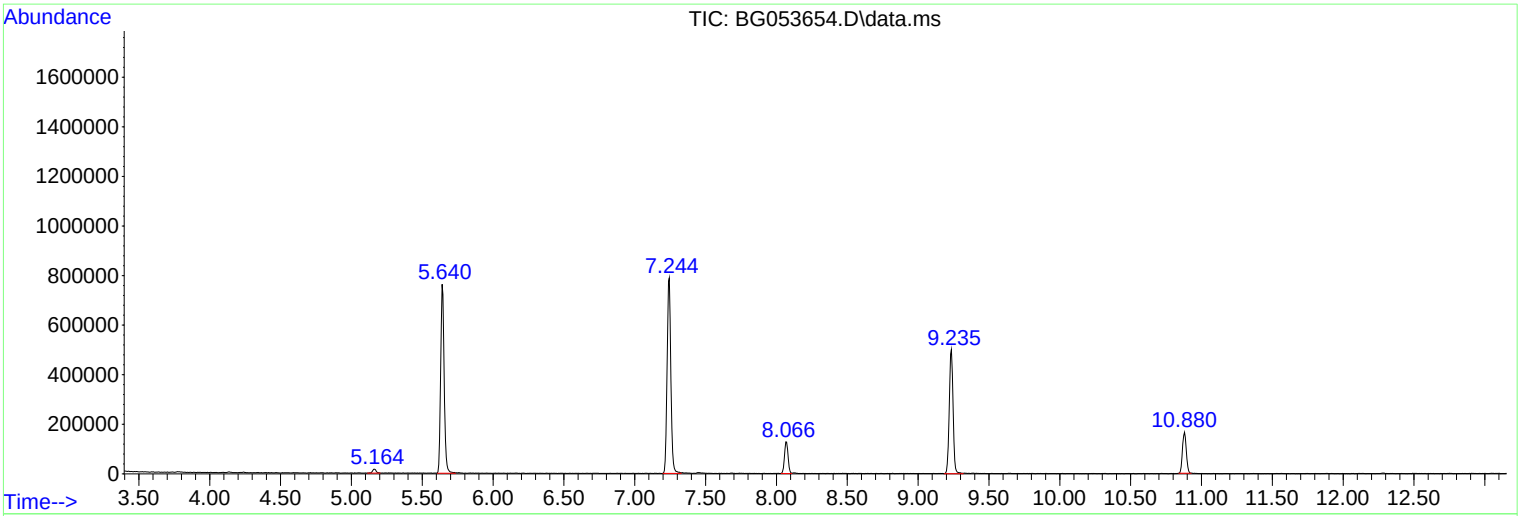
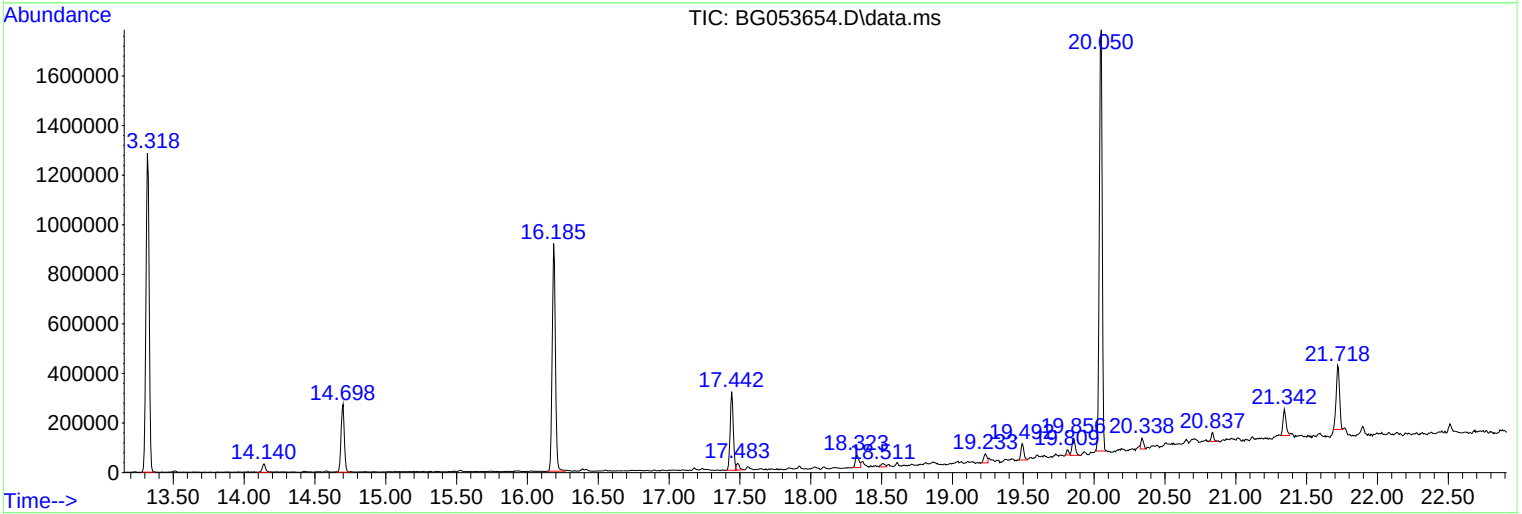
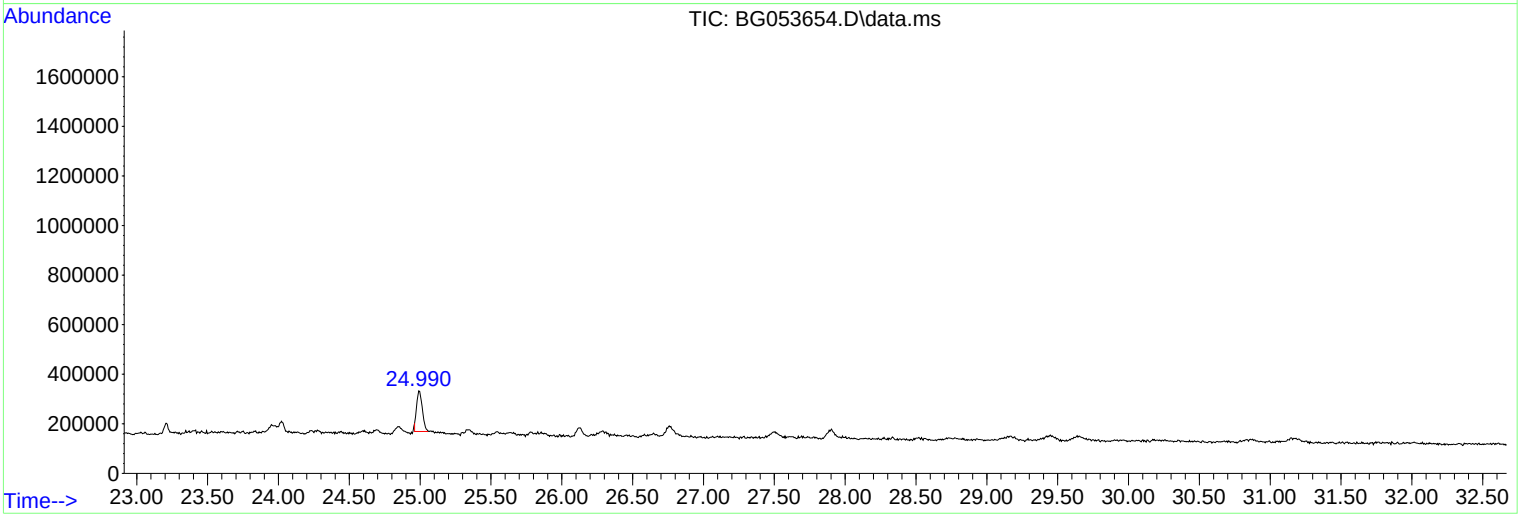
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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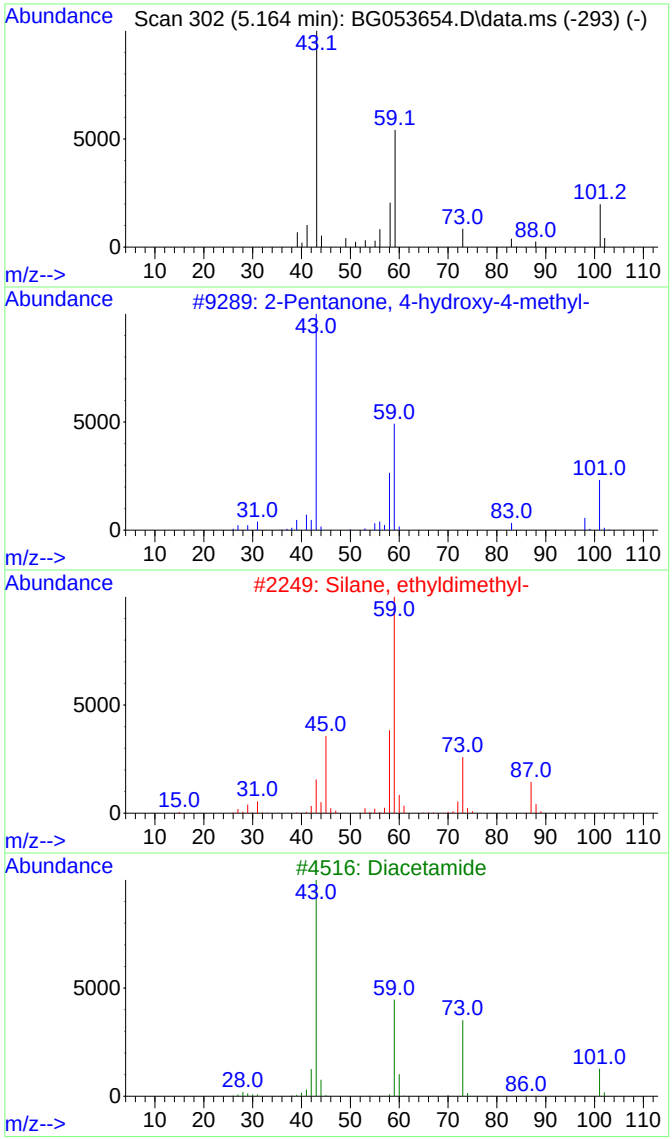
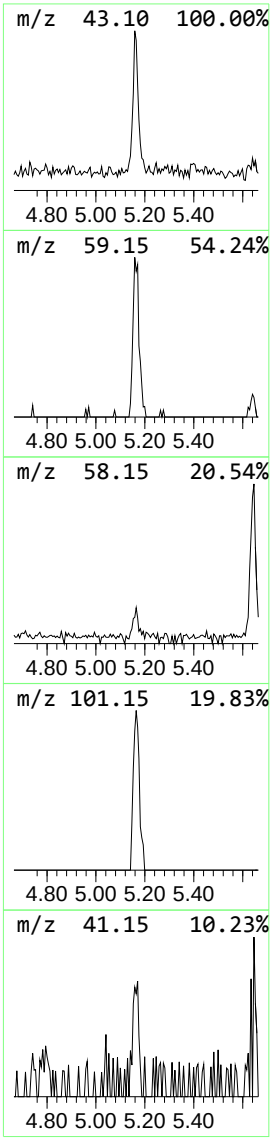
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.164	2.68 ng	30031	1,4-Dichlorobenzene-d4	8.066

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	23
3	Diacetamide	101	C4H7NO2	000625-77-4	9
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9
5	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	9





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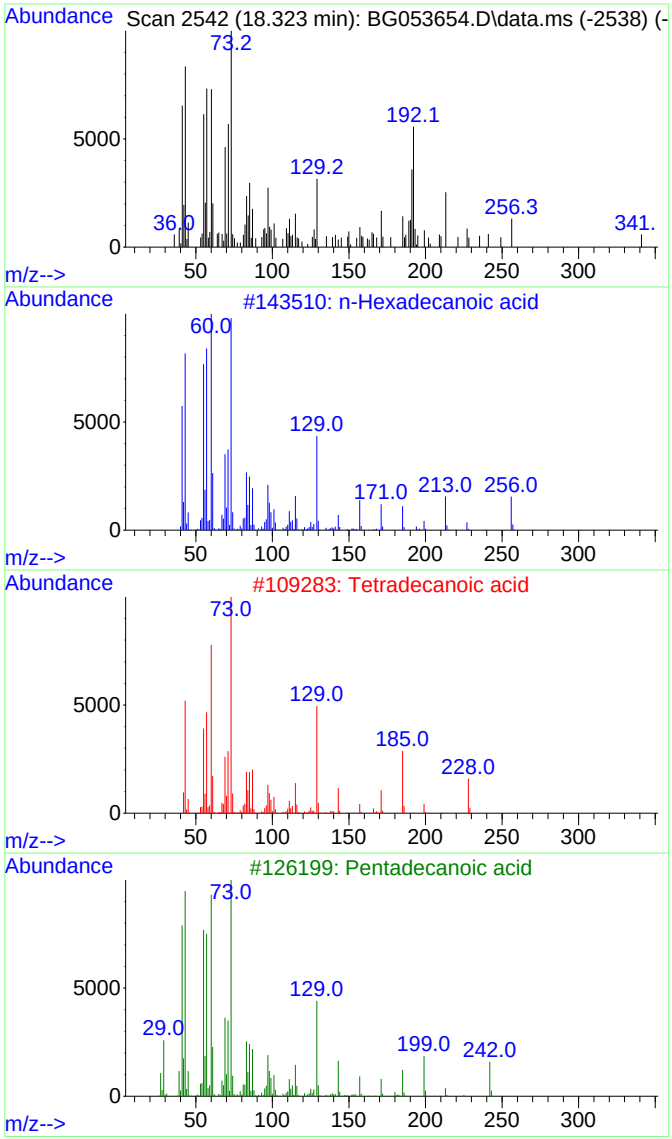
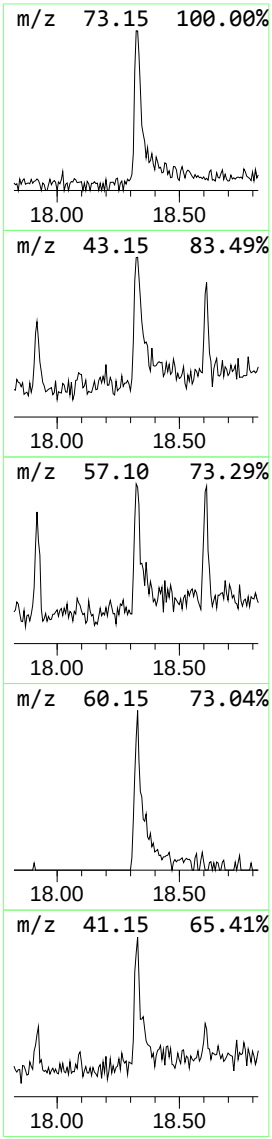
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.323	3.86 ng	95176	Phenanthrene-d10	17.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	45
4	Undecanoic acid	186	C11H22O2	000112-37-8	41
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38





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Instrument :
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ClientSampleId :
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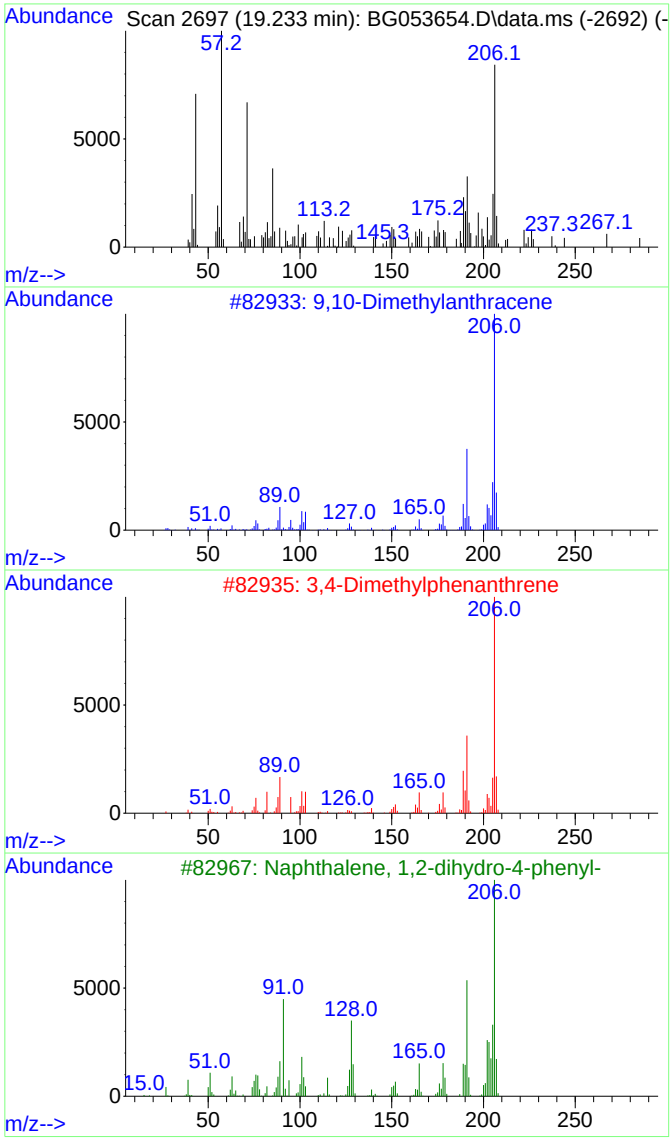
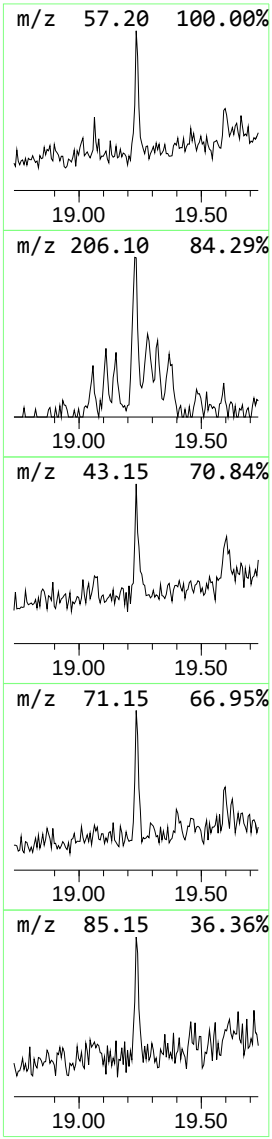
Peak Number 3 9,10-Dimethylanthracene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.233	2.49 ng	61333	Phenanthrene-d10	17.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	78
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	78
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	70
4	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	70
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	66





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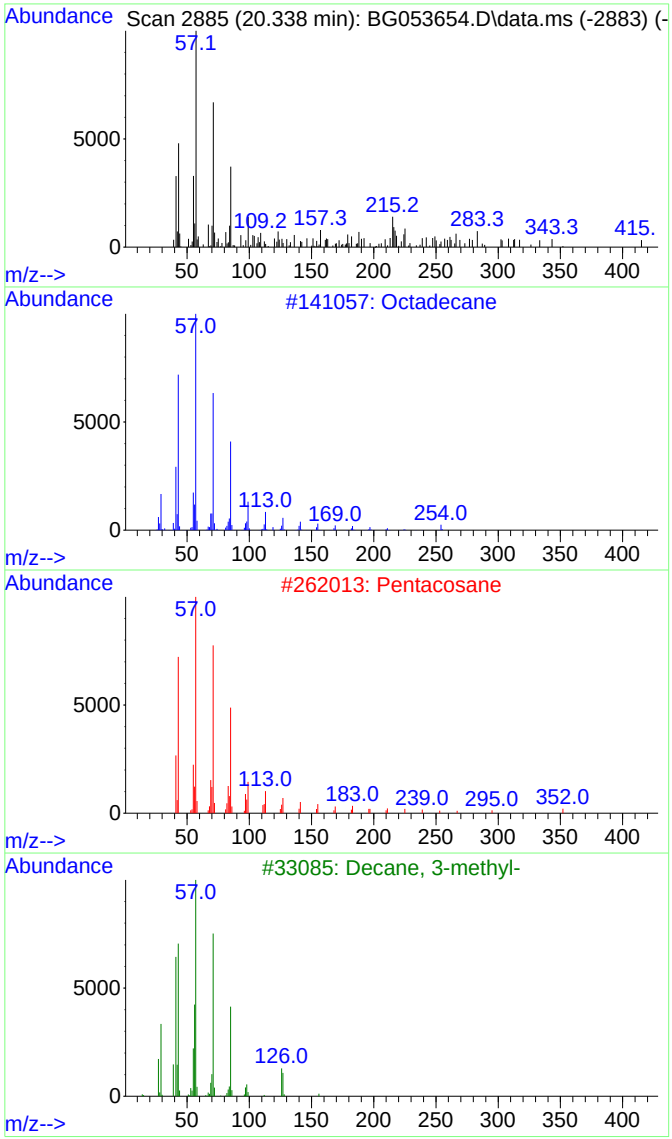
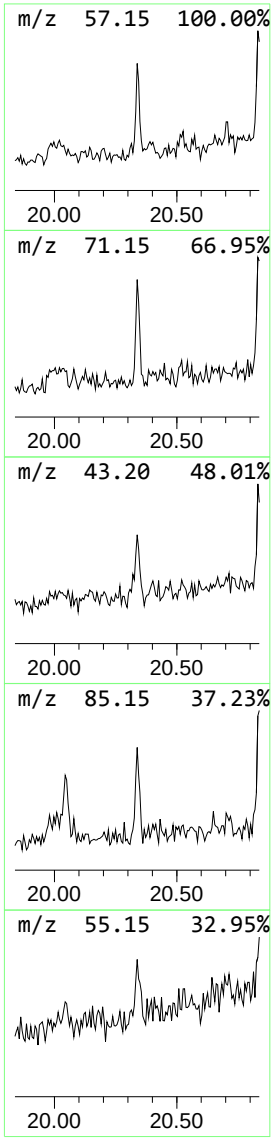
****

Peak Number 4 unknown20.338 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.338	2.40 ng	51212	Chrysene-d12	21.724

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	49
2	Pentacosane	352	C25H52	000629-99-2	49
3	Decane, 3-methyl-	156	C11H24	013151-34-3	46
4	Nonadecane	268	C19H40	000629-92-5	43
5	Hexadecane	226	C16H34	000544-76-3	43





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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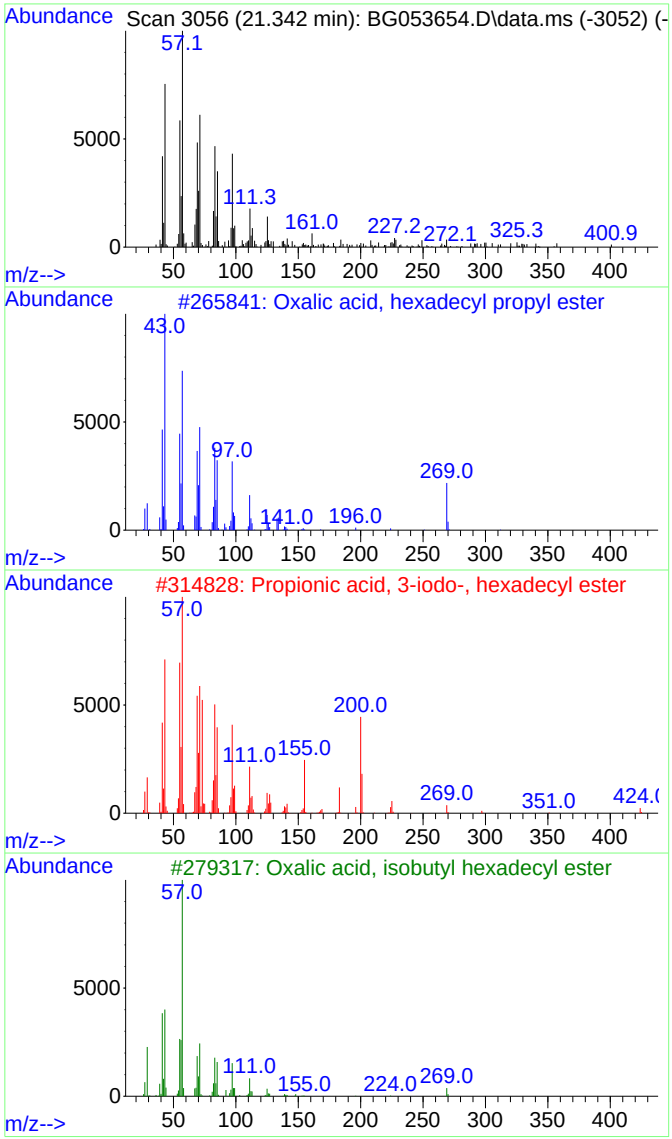
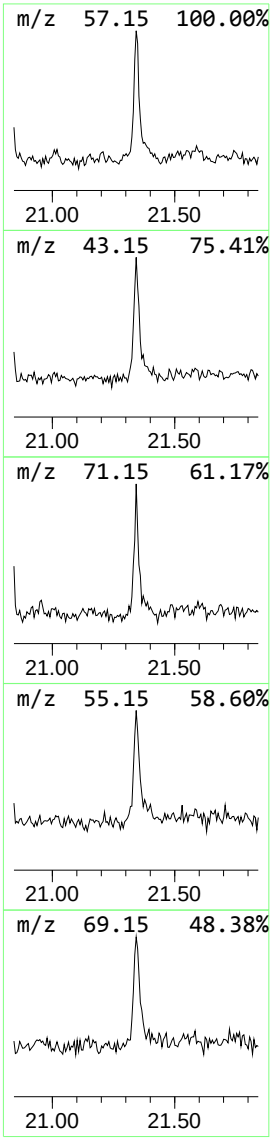
****
Peak Number 5 Oxalic acid, hexadecyl prop... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.342	7.51 ng	160347	Chrysene-d12	21.724

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	91
2	Propionic acid, 3-iodo-, hexadec...	424	C19H37IO2	1000406-24-7	91
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
5	1-Docosene	308	C22H44	001599-67-3	76





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.164	2.7	ng	30031	1	8.066	224058	20.0
n-Hexadecanoic ...	18.323	3.9	ng	95176	4	17.442	492735	20.0
9,10-Dimethylan...	19.233	2.5	ng	61333	4	17.442	492735	20.0
unknown20.338	20.338	2.4	ng	51212	5	21.724	426795	20.0
Oxalic acid, he...	21.342	7.5	ng	160347	5	21.724	426795	20.0