LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021723\
Data File : BP013848.D
Acq On : 17 Feb 2023 16:49
Operator : CG/JU
Sample : 01581-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-A

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_P\Methods\8270E-BP021623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP013848.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.175	332	338	348	rBV	789365	1084577	16.29%	2.994%
2	5.646	411	418	432	rBV	1939766	2839849	42.65%	7.839%
3	7.258	683	692	713	rBV	1817968	2956630	44.41%	8.161%
4	8.105	829	836	844	rBV	486733	788354	11.84%	2.176%
5	9.281	1028	1036	1047	rBV	1017551	1698240	25.51%	4.688%
6	10.934	1309	1317	1324	rBV	592171	994752	14.94%	2.746%
7	13.369	1724	1731	1743	rBV	2782610	4071238	61.15%	11.238%
8	14.746	1957	1965	1974	rBV	879174	1333758	20.03%	3.682%
9	16.098	2189	2195	2201	rBV	76785	106544	1.60%	0.294%
10	16.228	2210	2217	2231	rBV	2256684	3291039	49.43%	9.084%
11	17.498	2426	2433	2438	rBV	1115303	1643891	24.69%	4.538%
12	18.351	2573	2578	2583	rBV	264680	382209	5.74%	1.055%
13	19.492	2768	2772	2778	rVB	78539	103835	1.56%	0.287%
14	19.575	2782	2786	2793	rBV	127417	181556	2.73%	0.501%
15	19.845	2828	2832	2839	rVB	72121	111692	1.68%	0.308%
16	20.028	2858	2863	2870	rBV	5450308	6658222	100.00%	18.378%
17	21.245	3067	3070	3082	rBV2	326162	528932	7.94%	1.460%
18	21.575	3121	3126	3131	rBV	1679807	2262244	33.98%	6.244%
19	21.692	3141	3146	3160	rBV	1785591	2806324	42.15%	7.746%
20	24.127	3554	3560	3568	rBV2	1127354	2384748	35.82%	6.582%

Sum of corrected areas: 36228634

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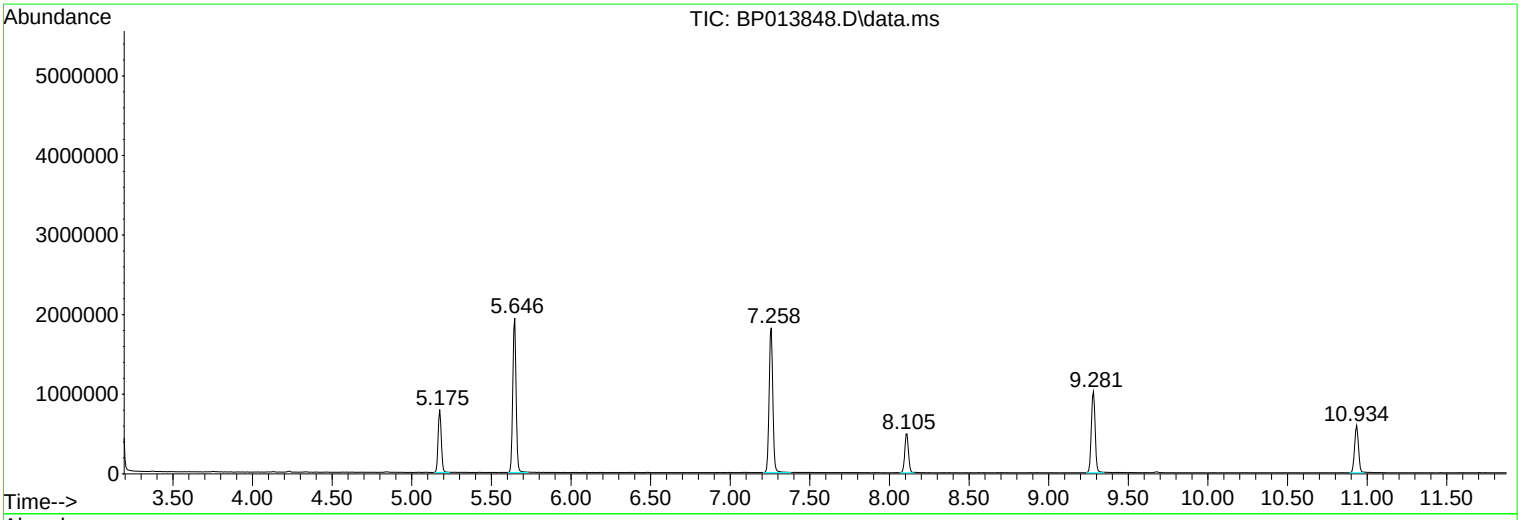
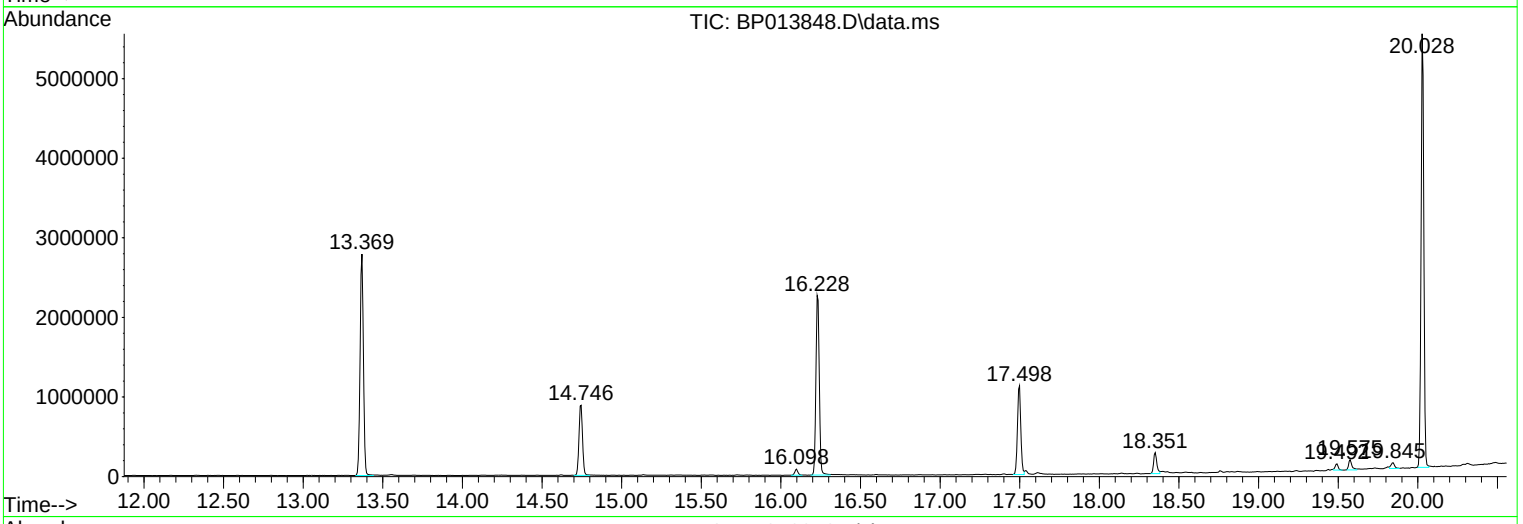
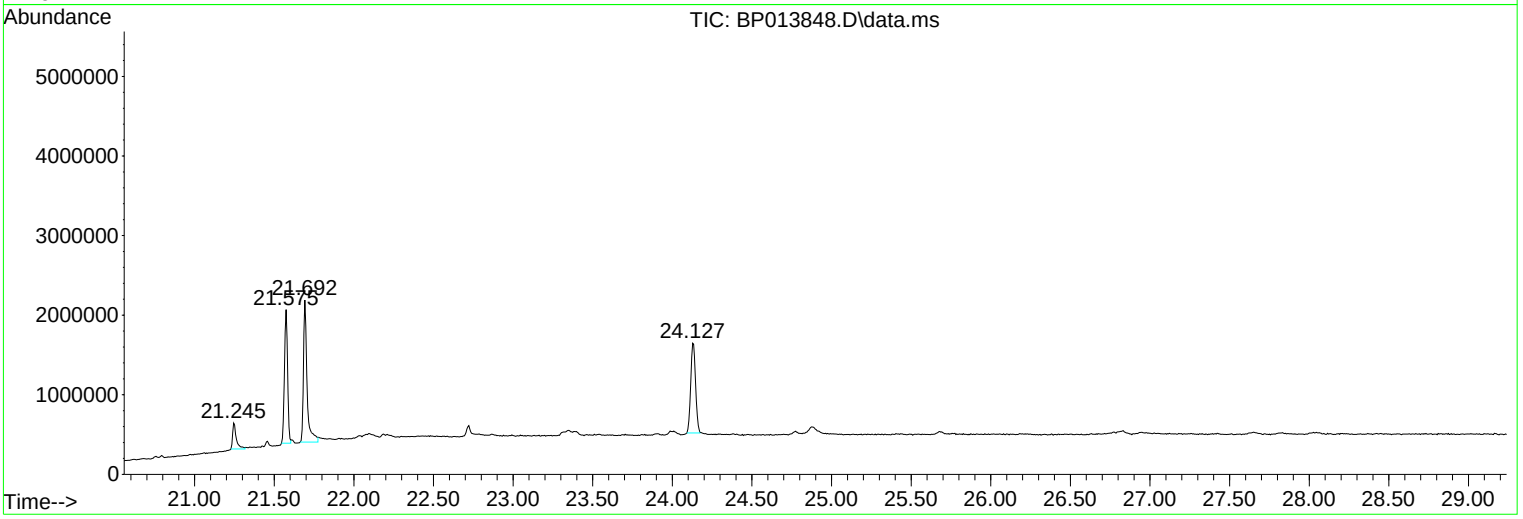
Instrument :
BNA_P
ClientSampleId :
MH-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.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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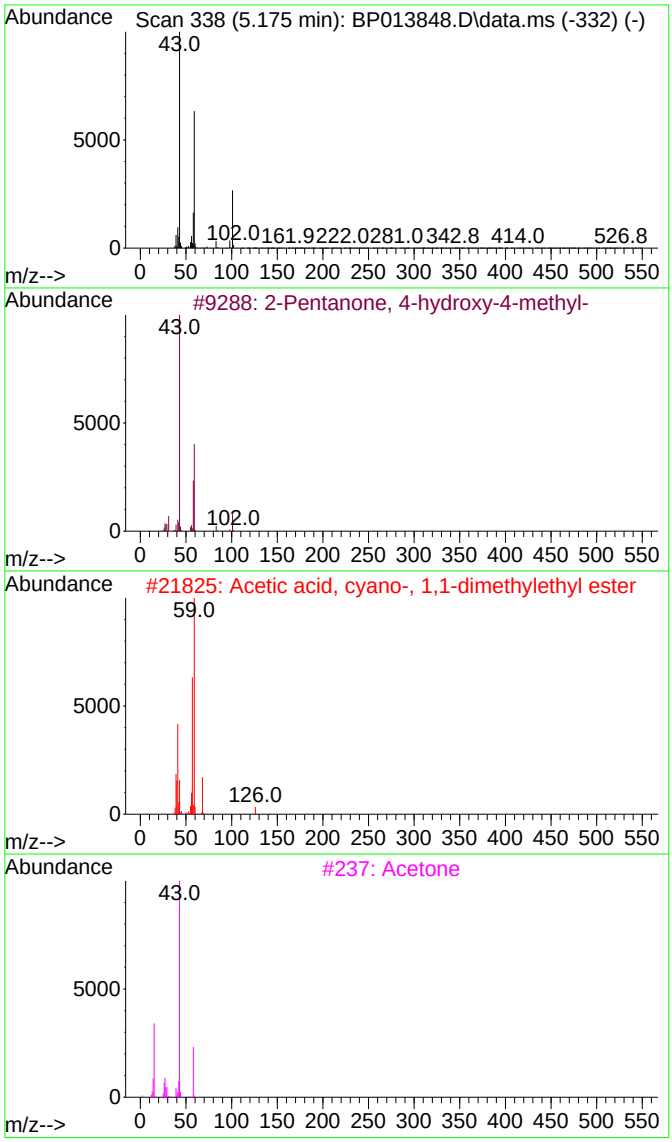
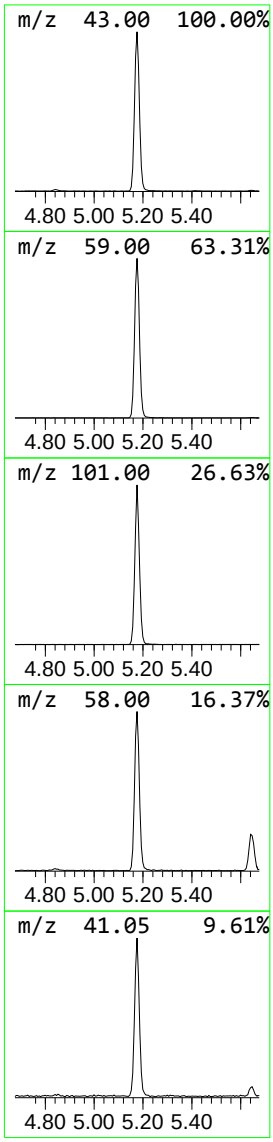
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.175	27.52 ng	1084580	1,4-Dichlorobenzene-d4	8.111

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Acetone	58	C3H6O	000067-64-1	10
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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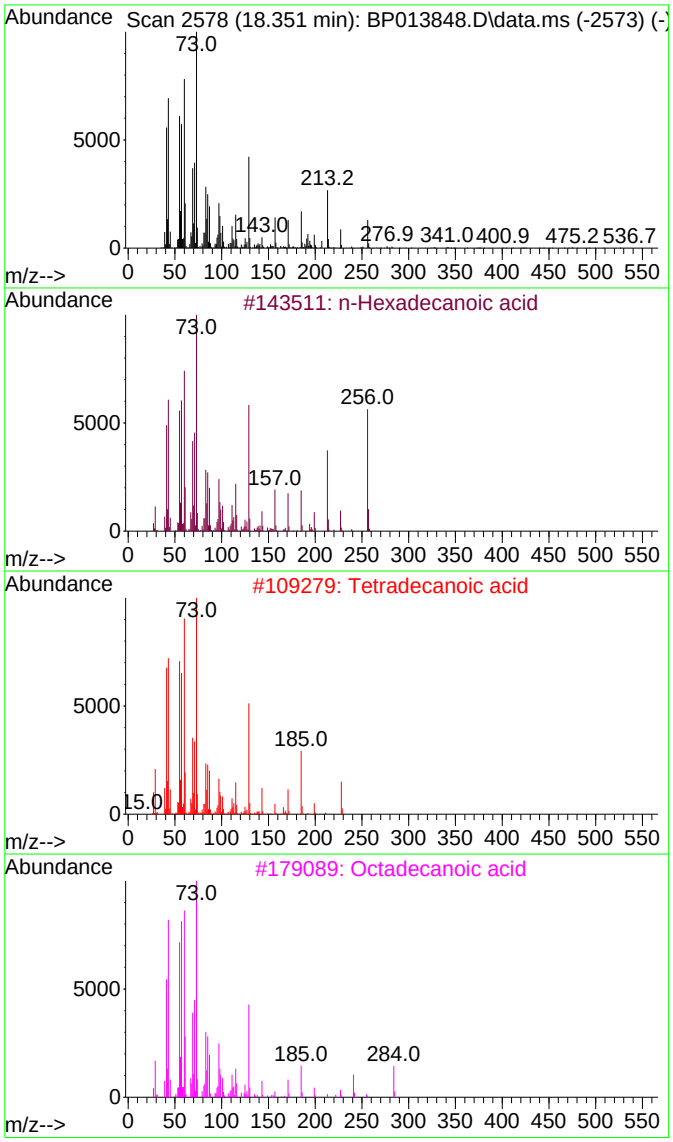
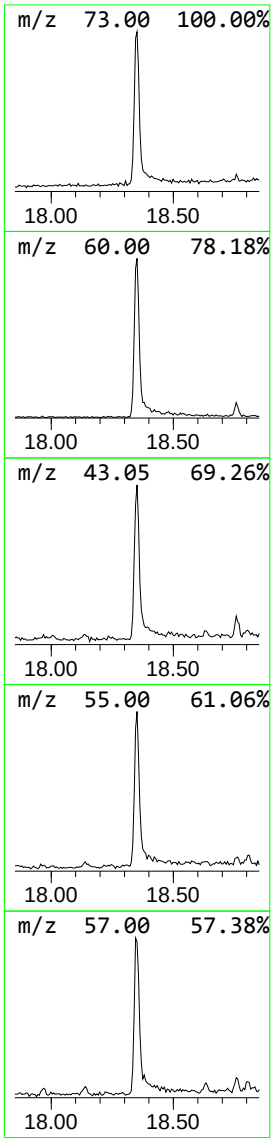
Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.351	4.65 ng	382209	Phenanthrene-d10	17.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Tridecanoic acid	214	C13H26O2	000638-53-9	80





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Instrument :
BNA_P
ClientSampleId :
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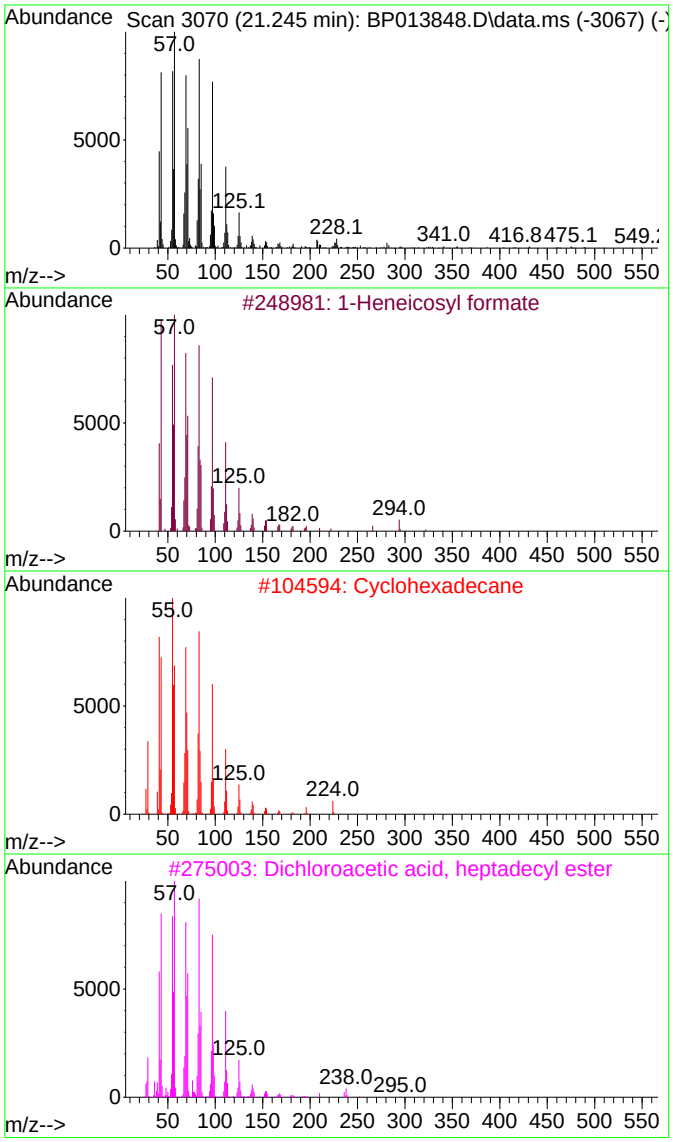
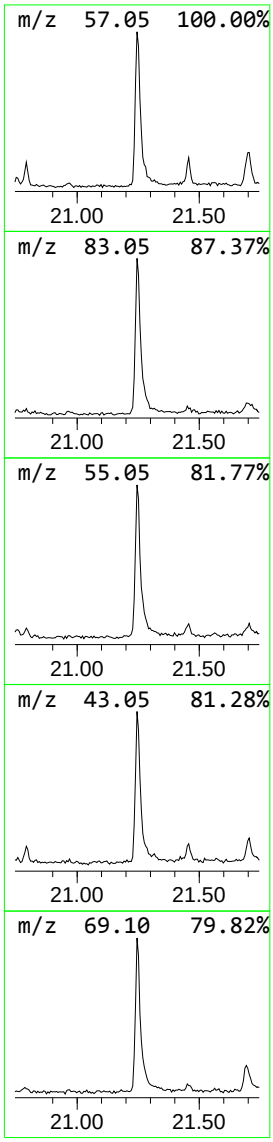
Peak Number 3 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.245	4.68 ng	528932	Chrysene-d12	21.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	1-Hexacosene	364	C26H52	018835-33-1	91





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BNA_P
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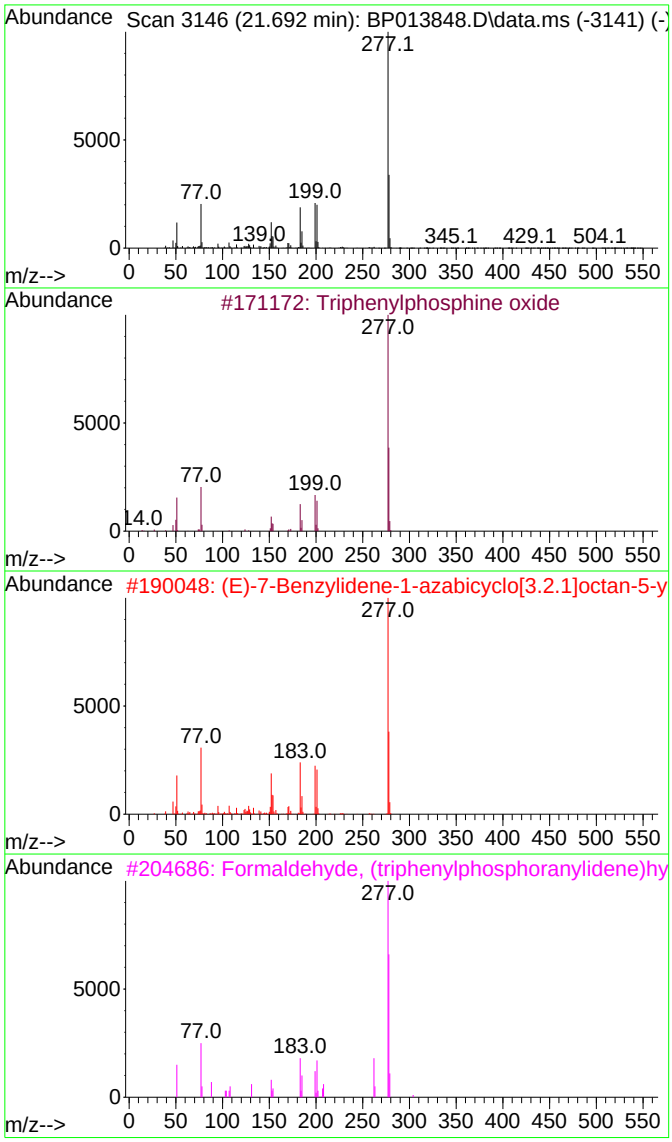
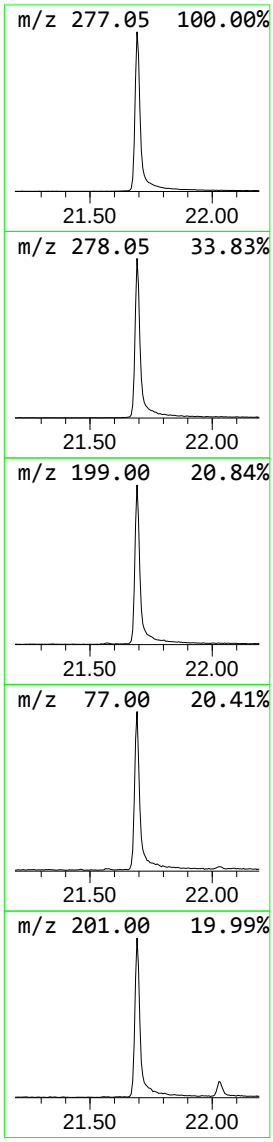
Peak Number 4 Triphenylphosphine oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.692	24.81 ng	2806320	Chrysene-d12	21.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	93
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	87
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	42
4	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	25
5	5-quinolinol, 8-[2-(3,5-dimethyl...	277	C17H15N3O	1000397-10-2	9





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-...	5.175	27.5	ng	1084580	1	8.111	788354	20.0
n-Hexadecanoic ...	18.351	4.7	ng	382209	4	17.498	1643890	20.0
1-Heneicosyl fo...	21.245	4.7	ng	528932	5	21.575	2262240	20.0
Triphenylphosph...	21.692	24.8	ng	2806320	5	21.575	2262240	20.0