LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040422\
Data File : BP009686.D
Acq On : 04 Apr 2022 19:15
Operator : CG/JU
Sample : N2227-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
124055

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-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009686.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.870	314	320	328	rBV	88604	151951	1.09%	0.202%
2	5.334	392	399	425	rBV	3877182	6746854	48.29%	8.972%
3	6.922	661	669	695	rBV	3581379	6882652	49.26%	9.152%
4	7.722	796	805	815	rBV	800106	1446204	10.35%	1.923%
5	8.887	994	1003	1023	rBV	2248642	4522768	32.37%	6.014%
6	10.516	1272	1280	1296	rBV	1042993	2012932	14.41%	2.677%
7	12.993	1693	1701	1724	rBV	5798550	9734914	69.68%	12.945%
8	14.375	1929	1936	1944	rBV	1613793	2585249	18.50%	3.438%
9	15.881	2184	2192	2211	rBV	4617864	7898623	56.53%	10.503%
10	17.139	2399	2406	2411	rBV	2004937	3057676	21.89%	4.066%
11	17.181	2411	2413	2421	rVV	167351	270360	1.94%	0.360%
12	18.051	2557	2561	2570	rBV2	252638	415909	2.98%	0.553%
13	19.169	2746	2751	2759	rBV	567240	836932	5.99%	1.113%
14	19.292	2766	2772	2781	rBV3	74498	163464	1.17%	0.217%
15	19.522	2803	2811	2820	rBV	785249	1274006	9.12%	1.694%
16	19.722	2839	2845	2851	rBV	10603995	13971375	100.00%	18.579%
17	20.975	3054	3058	3066	rVB2	1187260	1646356	11.78%	2.189%
18	21.257	3100	3106	3111	rBV2	2705974	4258825	30.48%	5.663%
19	21.375	3121	3126	3132	rBV	1883996	2611398	18.69%	3.473%
20	22.916	3383	3388	3393	rBV2	446013	953434	6.82%	1.268%
21	23.633	3503	3510	3528	rVB2	1631490	3759106	26.91%	4.999%

Sum of corrected areas: 75200988

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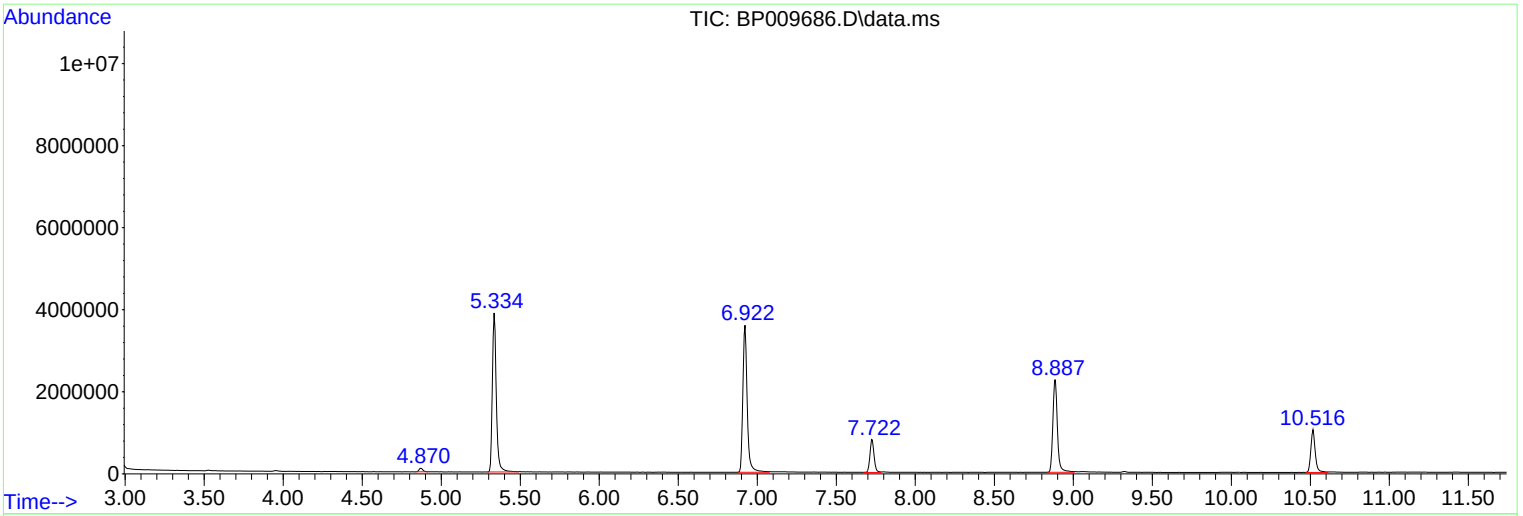
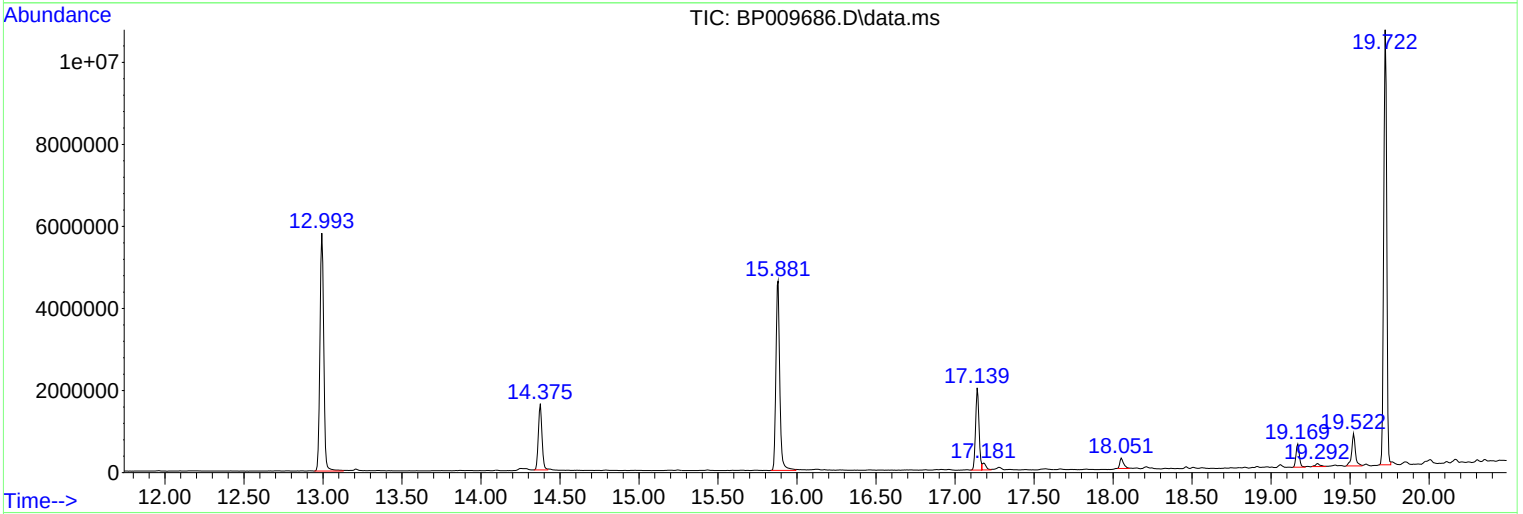
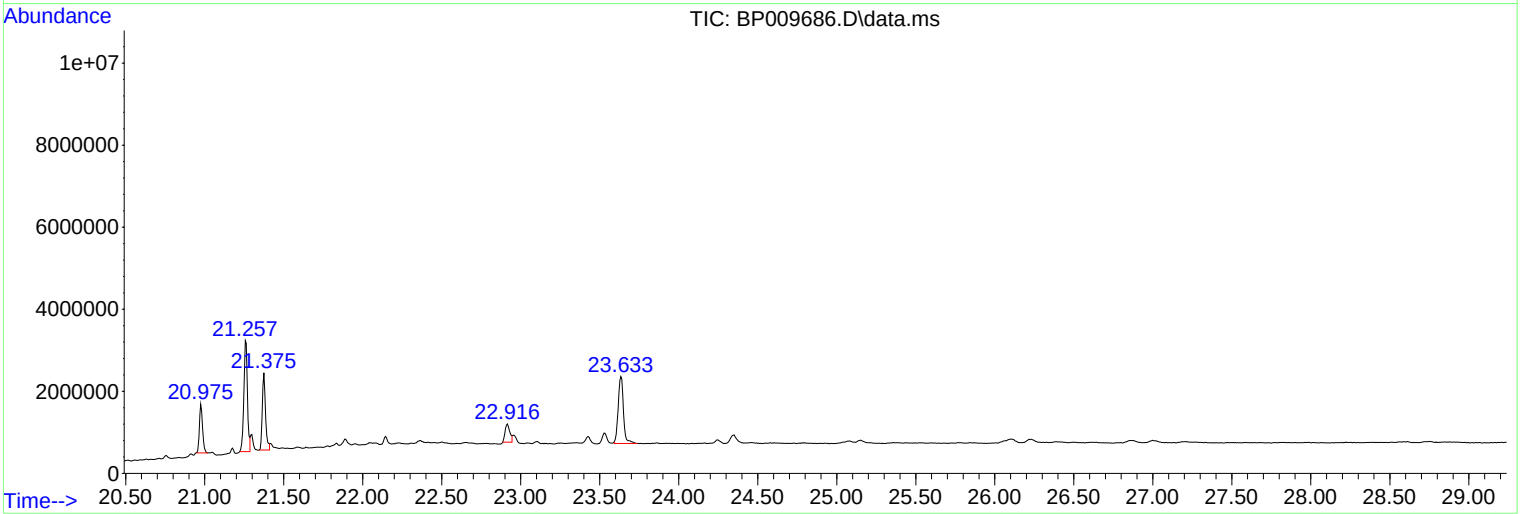
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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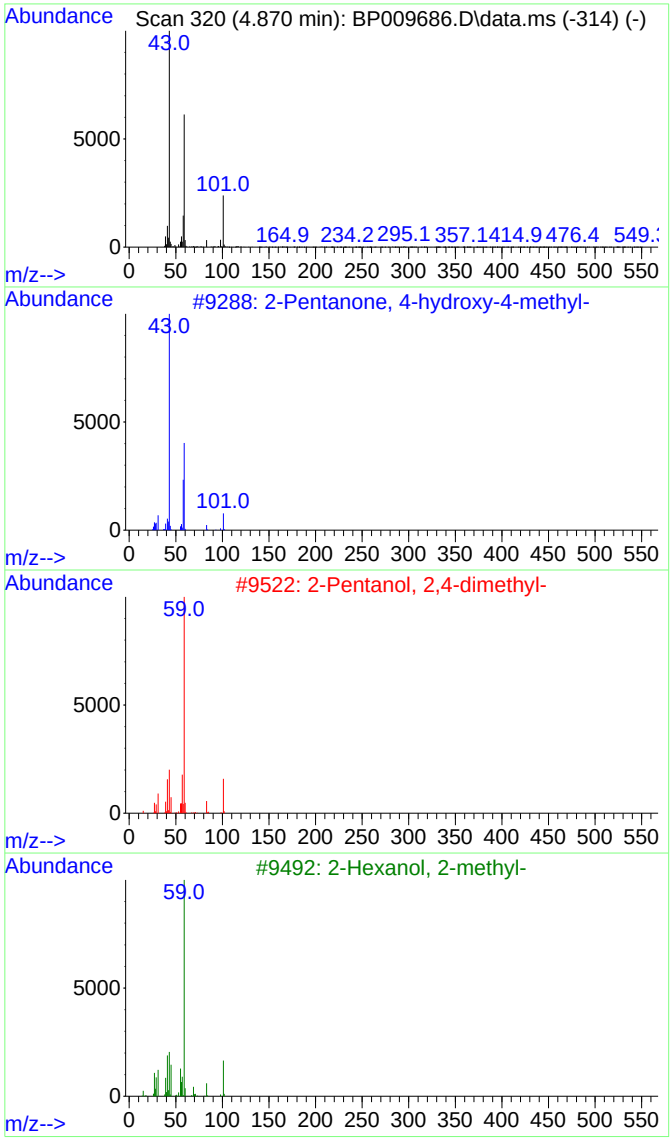
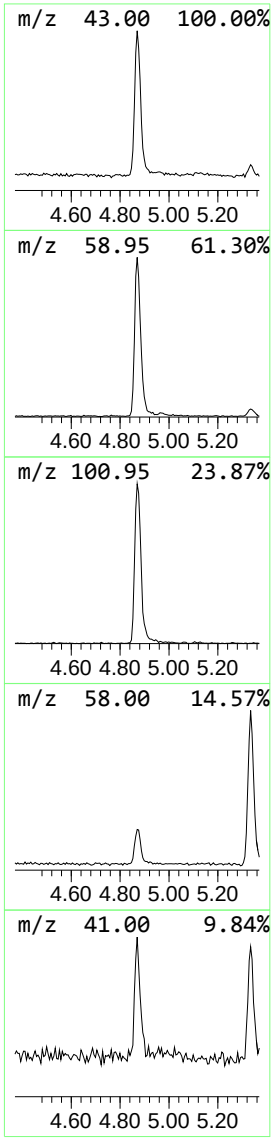
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.870	2.10 ng	151951	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	40
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23
4	Hexanamide	115	C6H13NO	000628-02-4	12
5	1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	12





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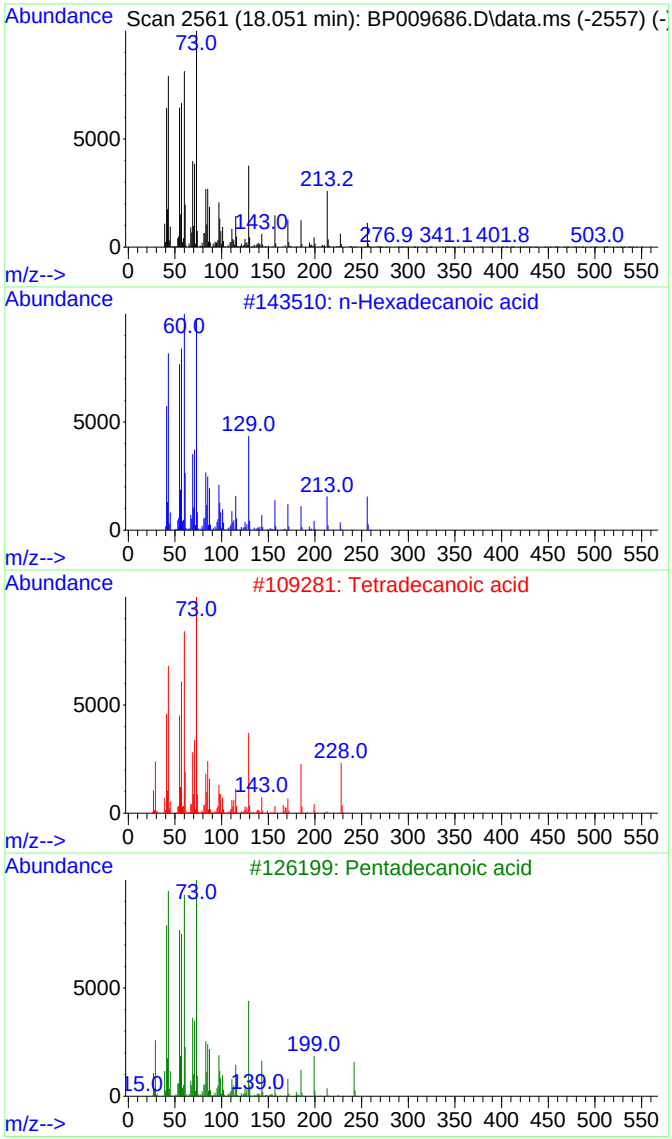
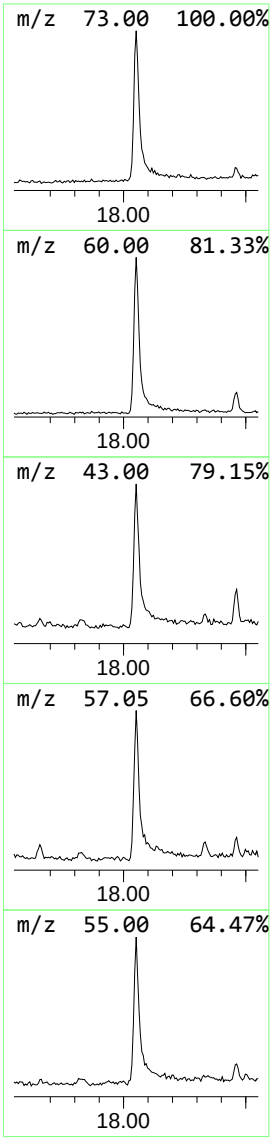
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.051	2.72 ng	415909	Phenanthrene-d10	17.139

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	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Octadecanoic acid	284	C18H36O2	000057-11-4	76





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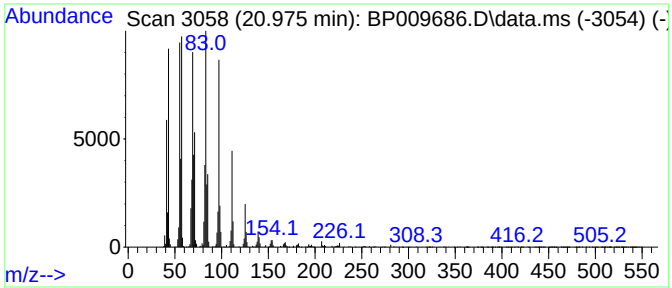
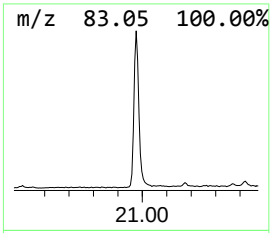
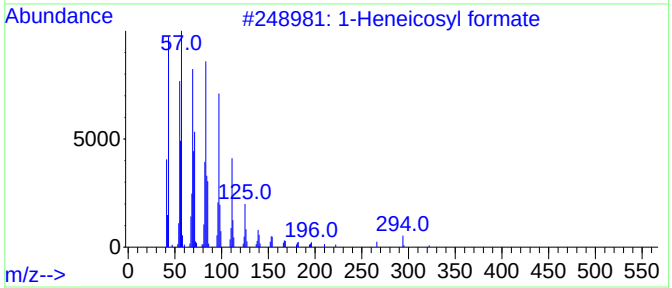
Peak Number 3 1-Heneicosyl formate Concentration Rank 2

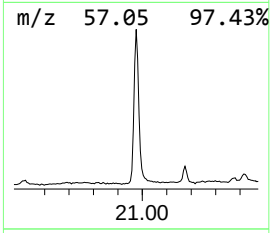
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.974	7.73 ng	1646360	Chrysene-d12	21.263

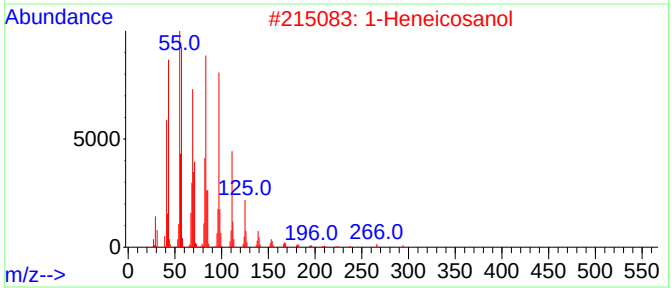
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	96
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	Pentacos-1-ene	350	C25H50	016980-85-1	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94

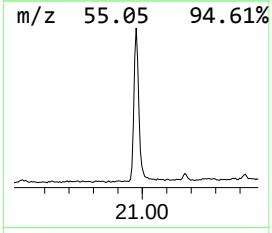


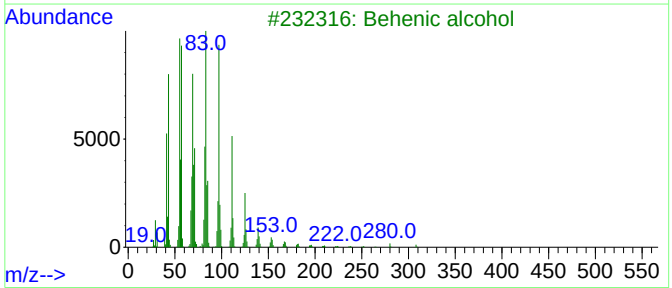


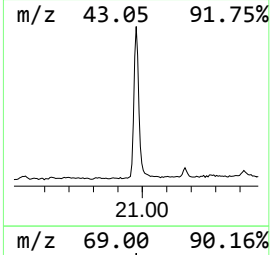


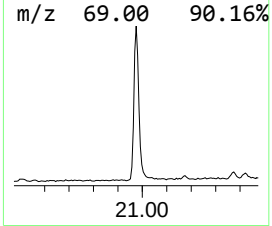












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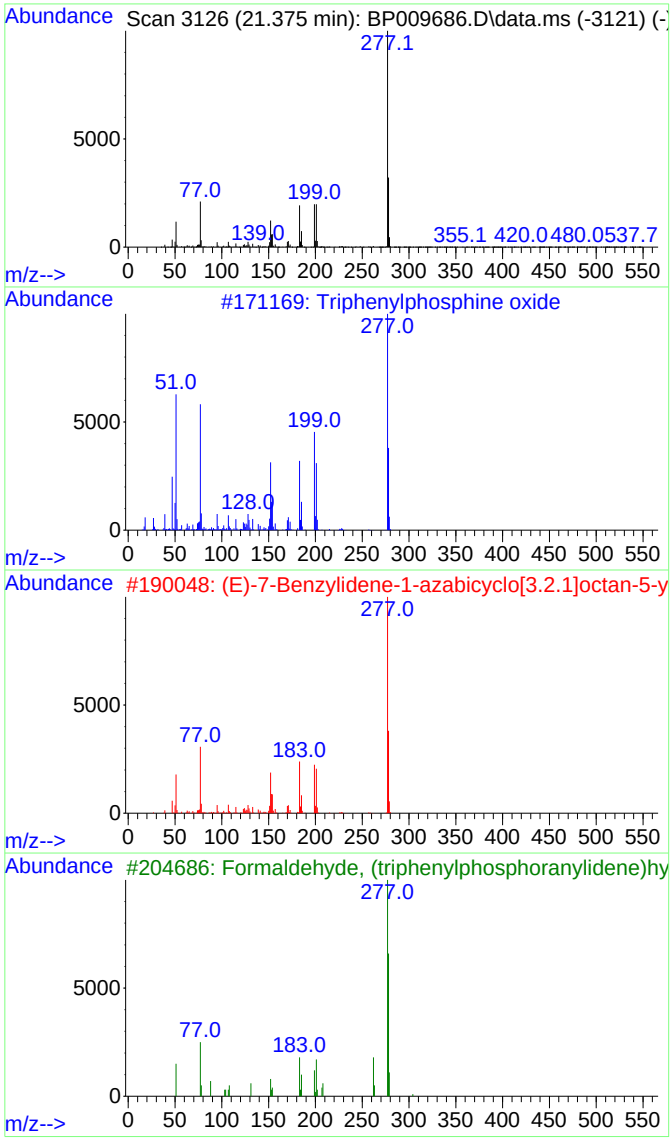
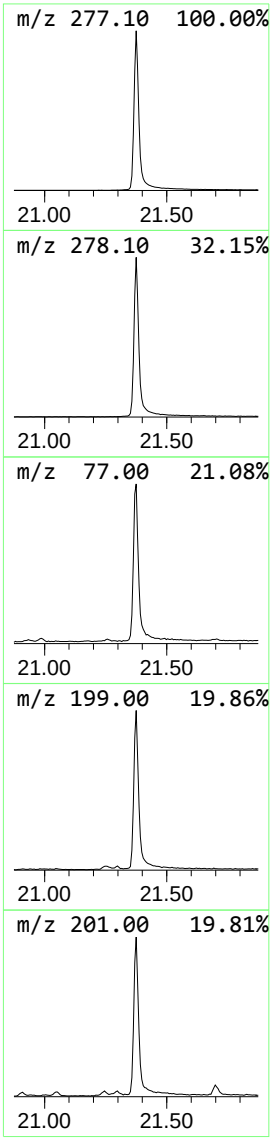
****

Peak Number 4 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.375	12.26 ng	2611400	Chrysene-d12	21.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	92
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	42
4	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	25
5	1H-Indole-3-acetic acid, 5-[(tri...	277	C14H19NO3Si	072101-35-0	17





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-...	4.870	2.1	ng	151951	1	7.728	1446200	20.0
n-Hexadecanoic ...	18.051	2.7	ng	415909	4	17.139	3057680	20.0
1-Heneicosyl fo...	20.974	7.7	ng	1646360	5	21.263	4258830	20.0
Triphenylphosph...	21.375	12.3	ng	2611400	5	21.263	4258830	20.0