LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032122\
Data File : BP009478.D
Acq On : 21 Mar 2022 19:27
Operator : CG/JU
Sample : N1994-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-04-COMP

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: BP009478.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.046	6	10	25	rVB	709325	1030165	5.35%	1.009%
2	5.399	403	410	429	rBV	5077883	8665039	45.03%	8.486%
3	6.981	671	679	704	rBV	4799605	8910001	46.30%	8.726%
4	7.793	810	817	829	rBV	1298283	2253338	11.71%	2.207%
5	8.946	1005	1013	1036	rBV	2988944	5791665	30.10%	5.672%
6	10.587	1283	1292	1312	rBV	1556382	3168006	16.46%	3.102%
7	13.057	1704	1712	1740	rBV	8248410	13600536	70.68%	13.319%
8	14.434	1938	1946	1955	rBV	2427010	4183277	21.74%	4.097%
9	15.934	2193	2201	2227	rBV	6284873	10427413	54.19%	10.212%
10	17.198	2409	2416	2421	rBV	3182620	4946784	25.71%	4.844%
11	17.239	2421	2423	2431	rVV	332744	488351	2.54%	0.478%
12	18.110	2566	2571	2579	rBV2	431228	711494	3.70%	0.697%
13	19.222	2755	2760	2770	rBV	511601	852208	4.43%	0.835%
14	19.575	2812	2820	2830	rBV	491767	864180	4.49%	0.846%
15	19.775	2848	2854	2868	rBV	14713088	19243484	100.00%	18.845%
16	21.057	3066	3072	3085	rBV3	1065441	2689793	13.98%	2.634%
17	21.310	3109	3115	3120	rBV	4470926	6329641	32.89%	6.199%
18	21.427	3131	3135	3145	rBV	1066860	1795539	9.33%	1.758%
19	23.716	3517	3524	3541	rVB2	2770878	6162382	32.02%	6.035%

Sum of corrected areas: 102113296

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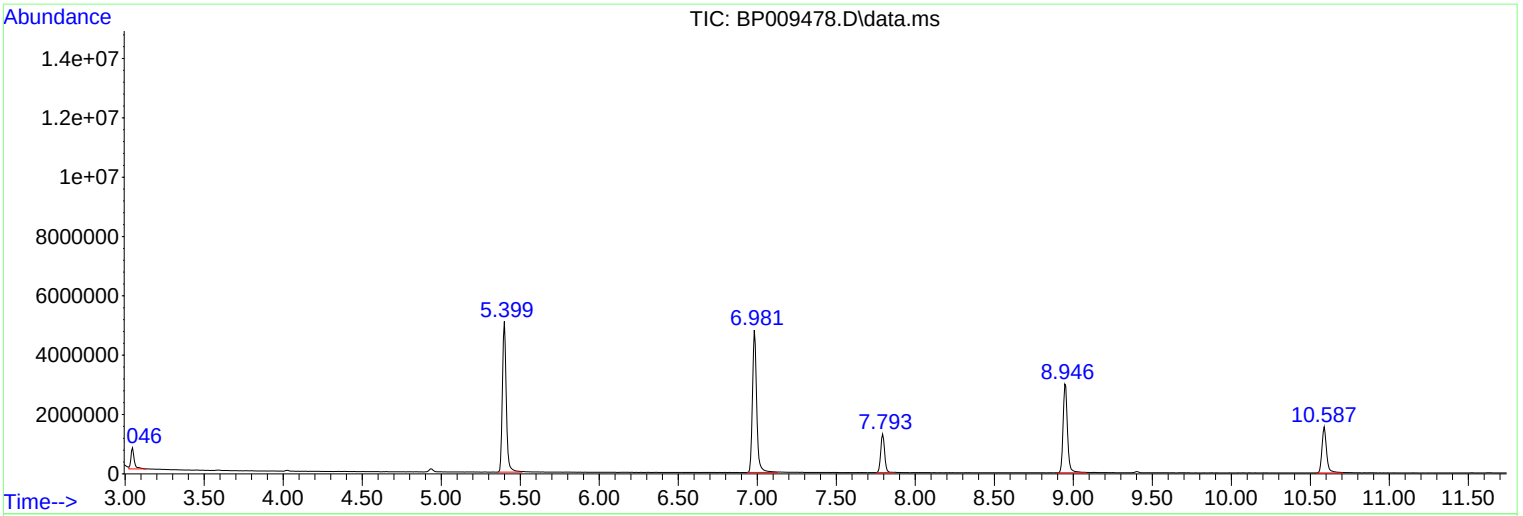
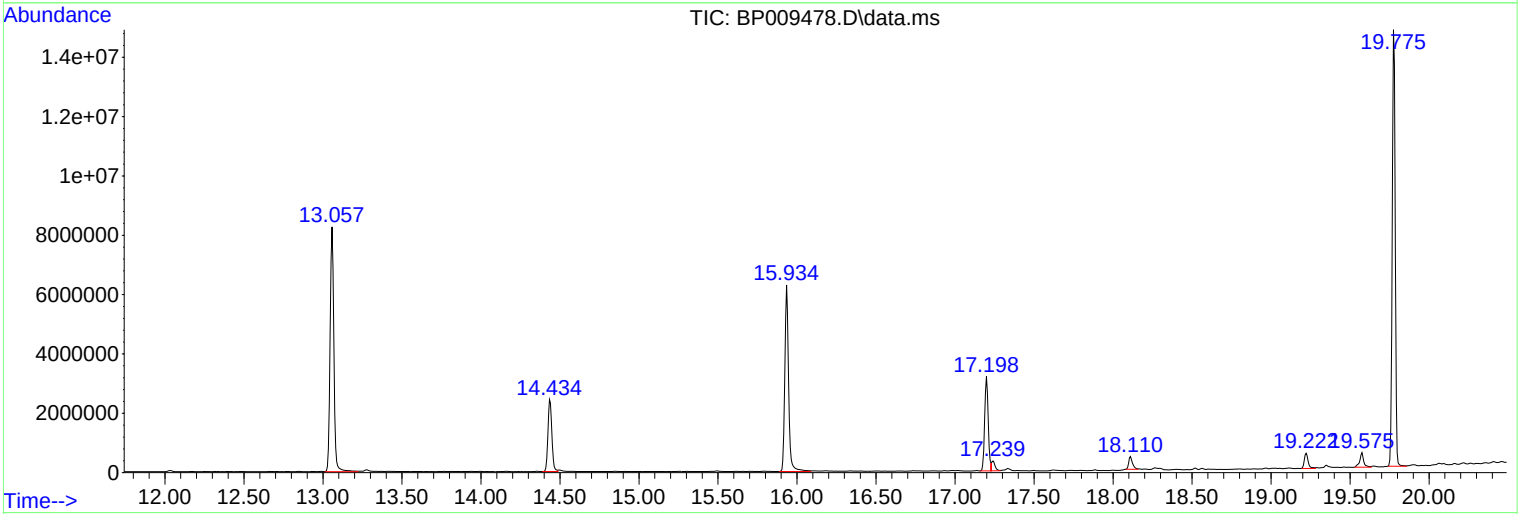
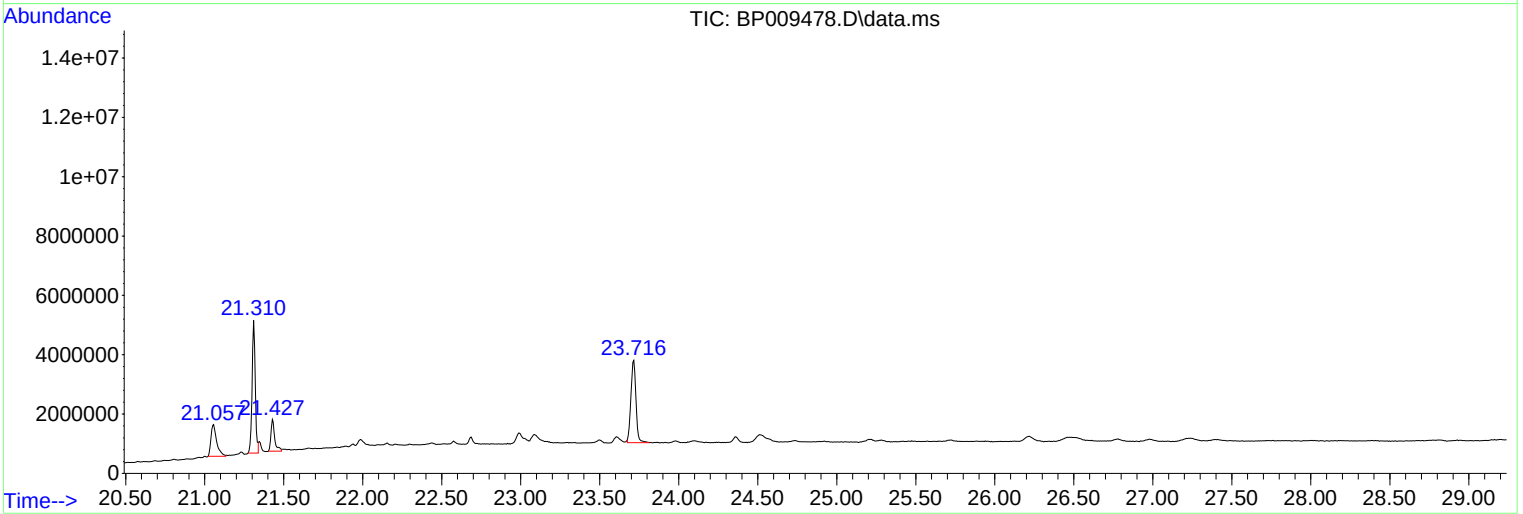
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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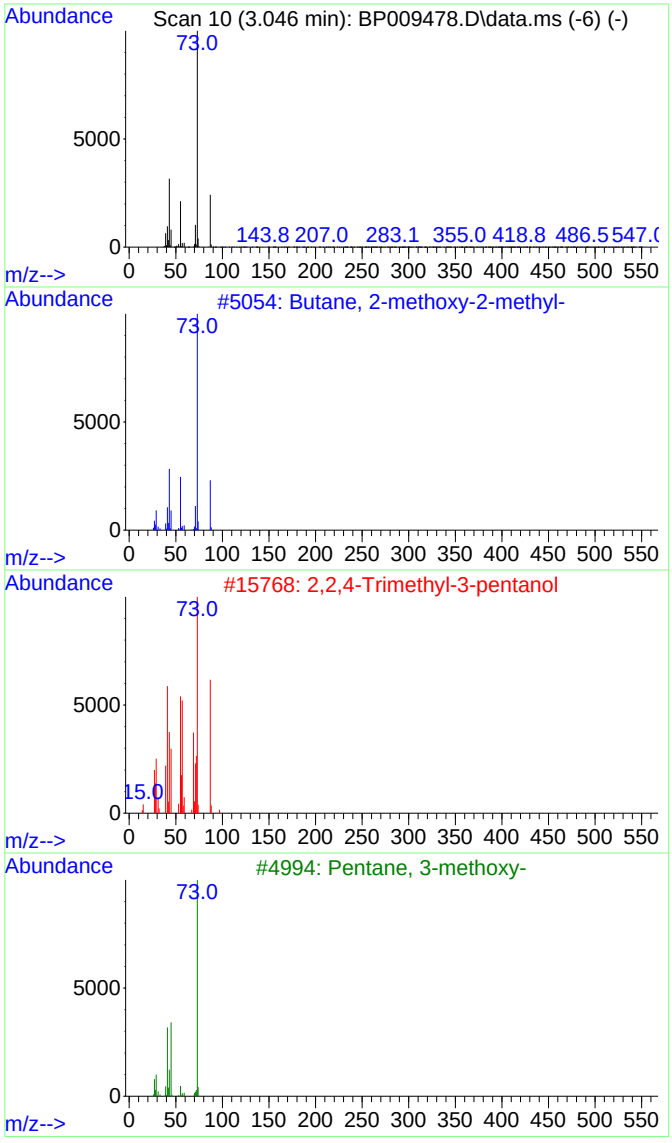
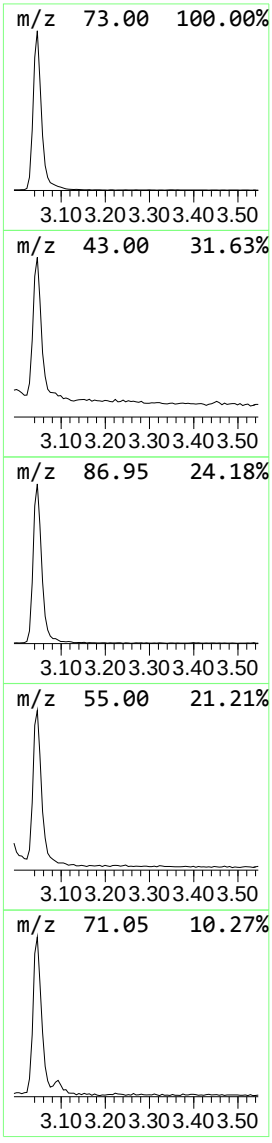
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.046	9.14 ng	1030170	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





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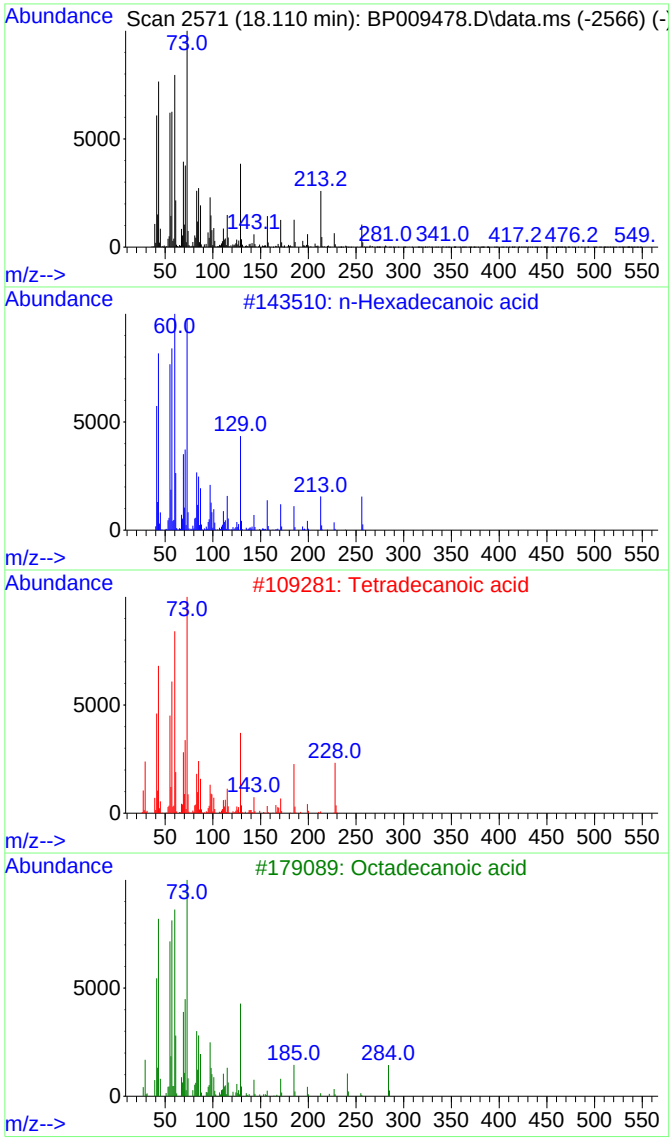
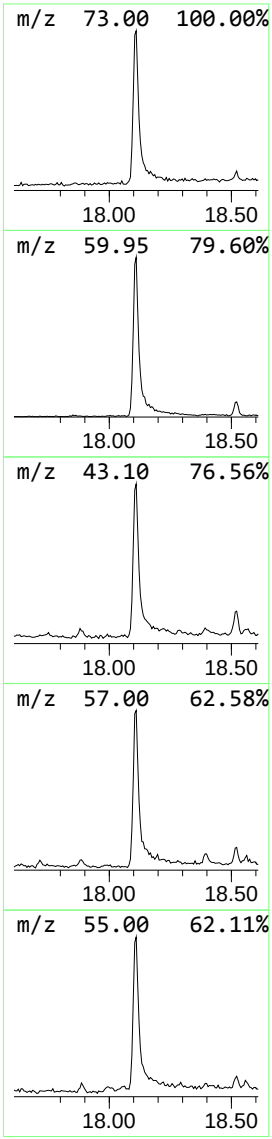
Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	2.88 ng	711494	Phenanthrene-d10	17.198

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	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





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Sample : N1994-11
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Instrument :
BNA_P
ClientSampleId :
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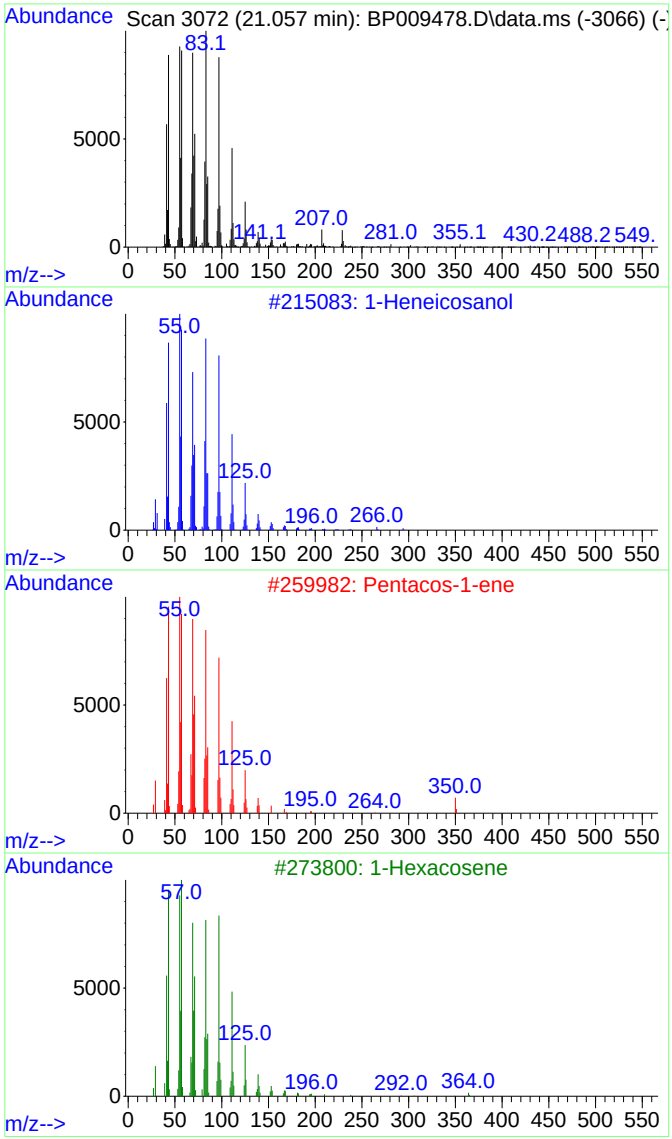
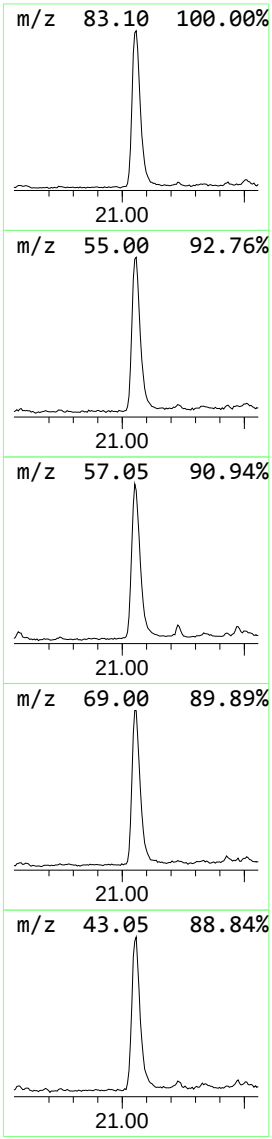
Peak Number 3 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.057	8.50 ng	2689790	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Pentacos-1-ene	350	C25H50	016980-85-1	94
3	1-Hexacosene	364	C26H52	018835-33-1	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





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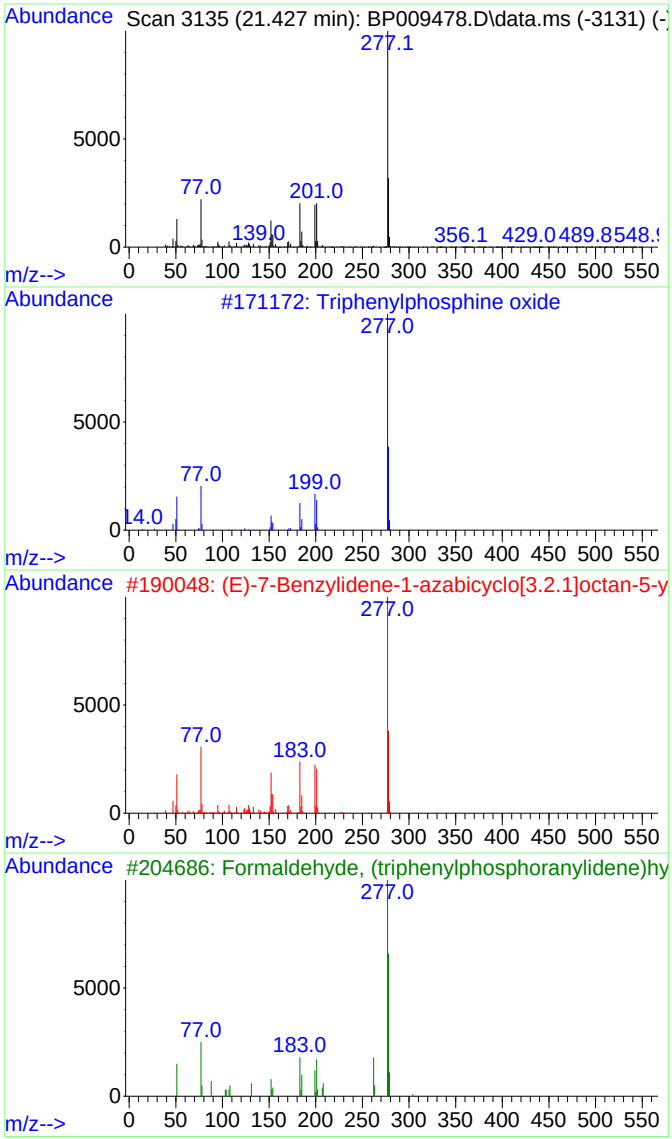
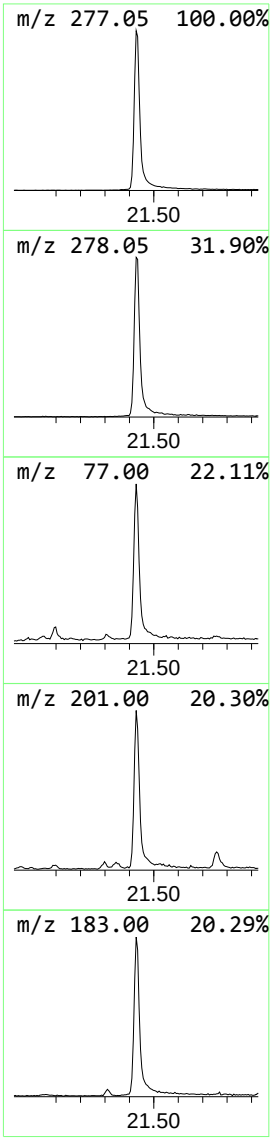
Peak Number 4 Triphenylphosphine oxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.427	5.67 ng	1795540	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	95
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	76
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	50
4	1H-Indole-3-acetic acid, 5-[(tri...	277	C14H19NO3Si	072101-35-0	17
5	2-Propenoic acid, 2-cyano-3-(3-p...	277	C18H15NO2	1000080-00-3	9





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...	3.046	9.1	ng	1030170	1	7.793	2253340	20.0
n-Hexadecanoic ...	18.110	2.9	ng	711494	4	17.198	4946780	20.0
1-Heneicosanol	21.057	8.5	ng	2689790	5	21.310	6329640	20.0
Triphenylphosph...	21.427	5.7	ng	1795540	5	21.310	6329640	20.0