LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
Data File : BP011670.D
Acq On : 09 Sep 2022 19:06
Operator : CG/JU
Sample : N4549-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-64

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-BP090222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP011670.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.017	3	5	13	rVB	1260461	1570832	2.62%	0.945%
2	3.093	13	18	44	rVB	11983520	15315127	25.53%	9.217%
3	5.516	422	430	440	rBV	3393830	5016764	8.36%	3.019%
4	7.110	694	701	716	rVB	1975876	3289577	5.48%	1.980%
5	7.957	838	845	853	rBV	1347518	2192987	3.66%	1.320%
6	9.128	1033	1044	1053	rBV	4270306	7024110	11.71%	4.227%
7	10.775	1316	1324	1332	rBV	1817705	3092578	5.16%	1.861%
8	13.228	1734	1741	1755	rVB	11479258	17104388	28.51%	10.294%
9	14.598	1967	1974	1989	rBV	2722499	3994662	6.66%	2.404%
10	16.086	2220	2227	2249	rBV	8088375	12052688	20.09%	7.254%
11	17.357	2436	2443	2455	rVB	3242916	4676170	7.80%	2.814%
12	18.239	2588	2593	2602	rBV	515693	919666	1.53%	0.553%
13	19.469	2797	2802	2816	rBV	358379	698559	1.16%	0.420%
14	19.904	2871	2876	2882	rBV	14621015	18045760	30.08%	10.860%
15	21.433	3131	3136	3142	rBV	4185743	5351060	8.92%	3.220%
16	21.568	3152	3159	3190	rBV	34003534	59984749	100.00%	36.101%
17	23.904	3549	3556	3566	rVB	2904994	5830569	9.72%	3.509%

Sum of corrected areas: 166160246

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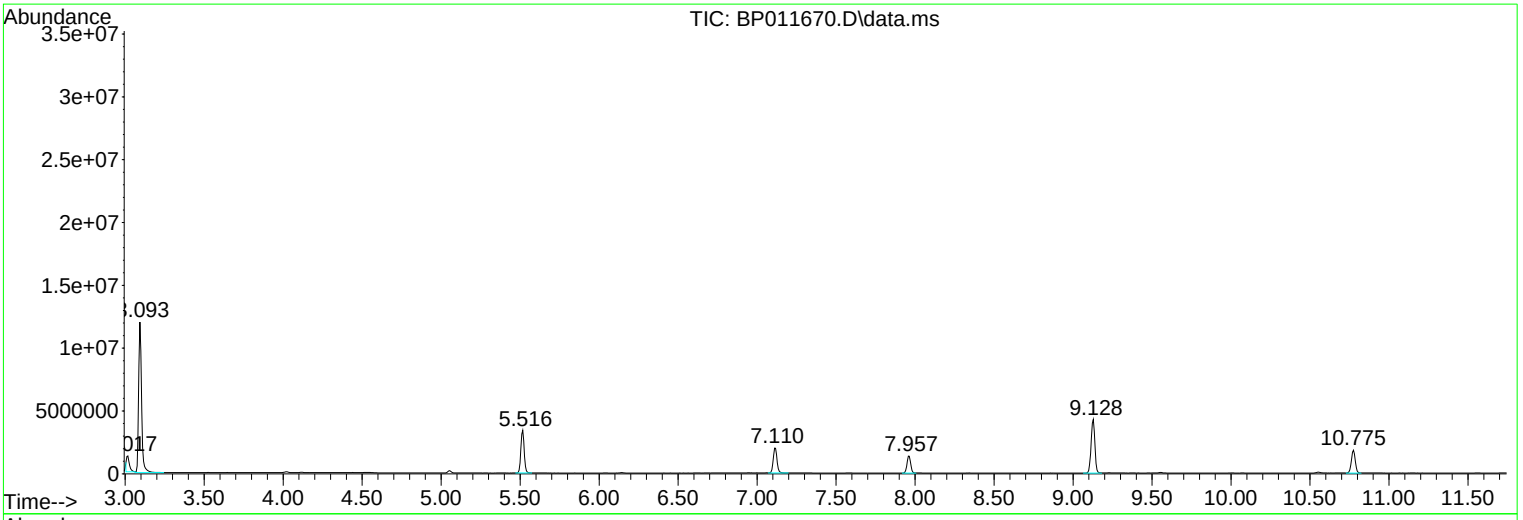
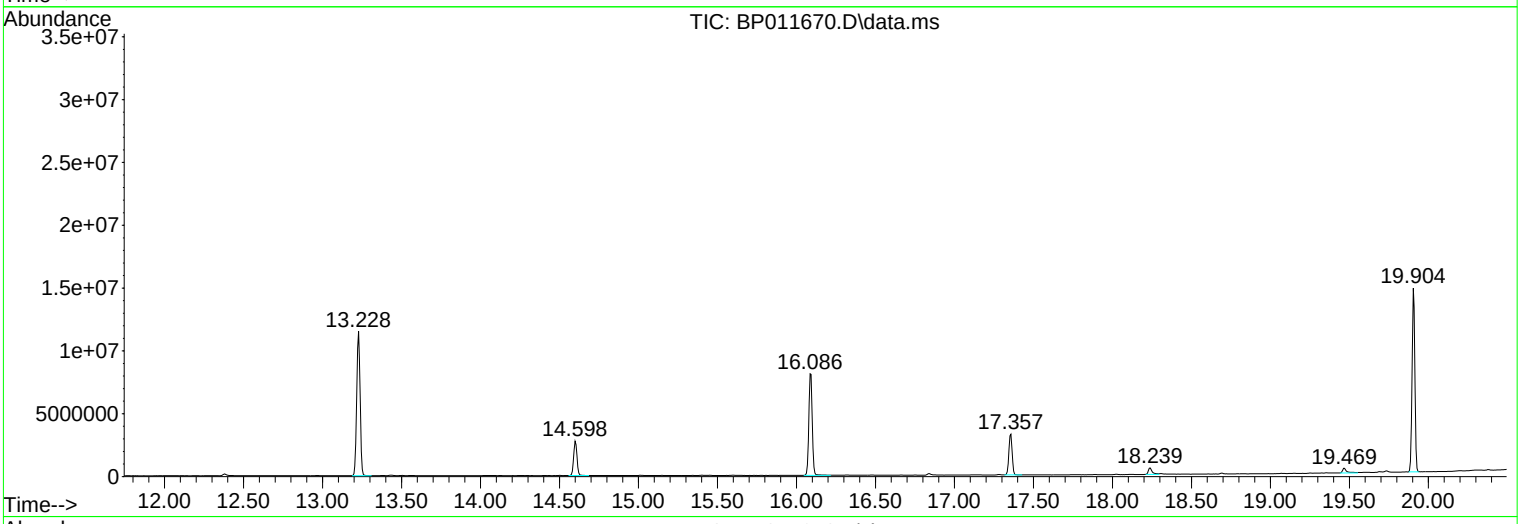
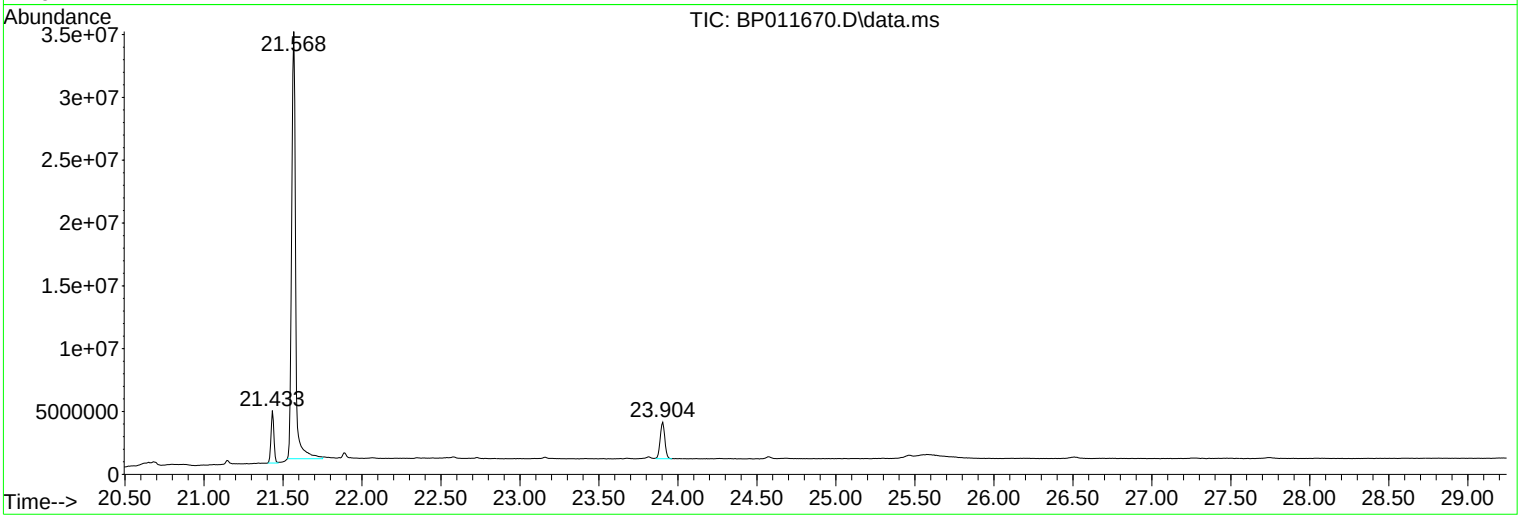
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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

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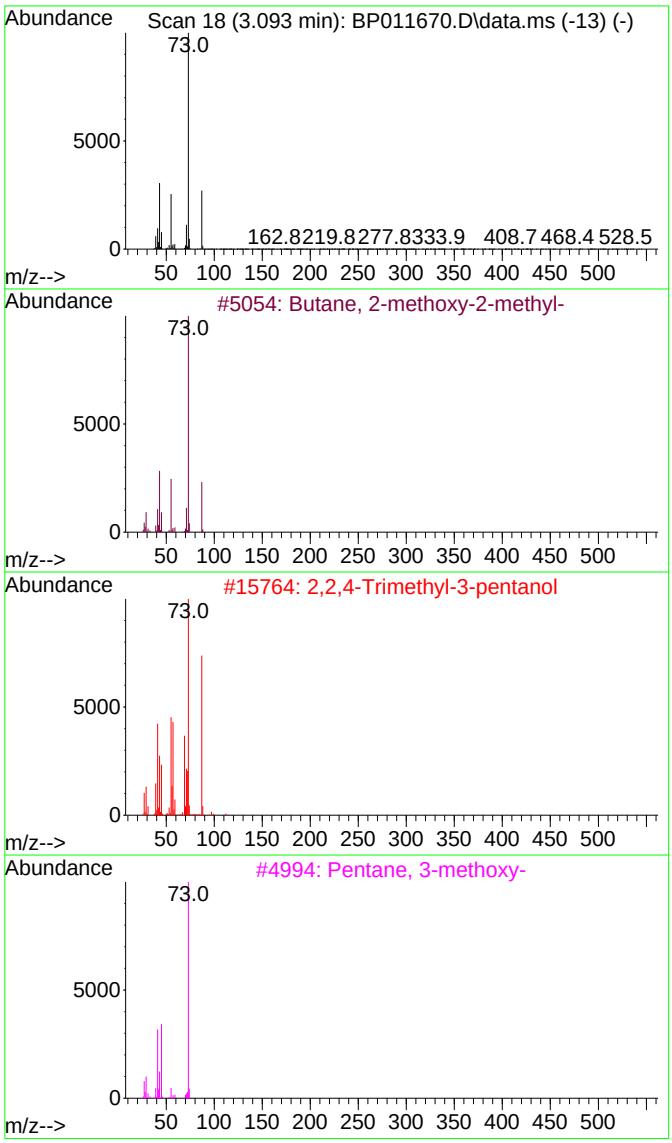
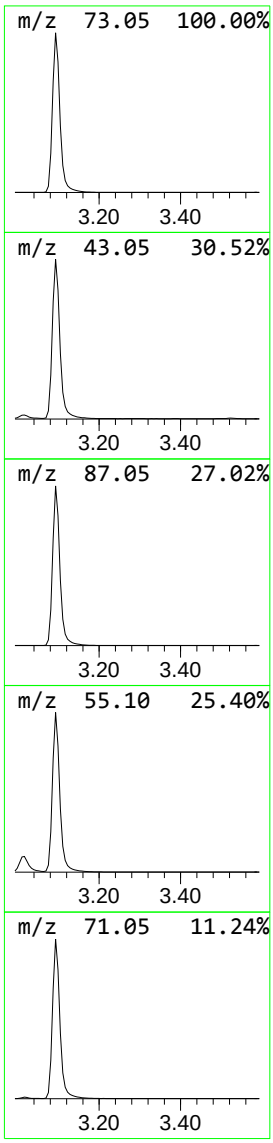
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.093	139.67 ng	15315100	1,4-Dichlorobenzene-d4	7.963

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	43
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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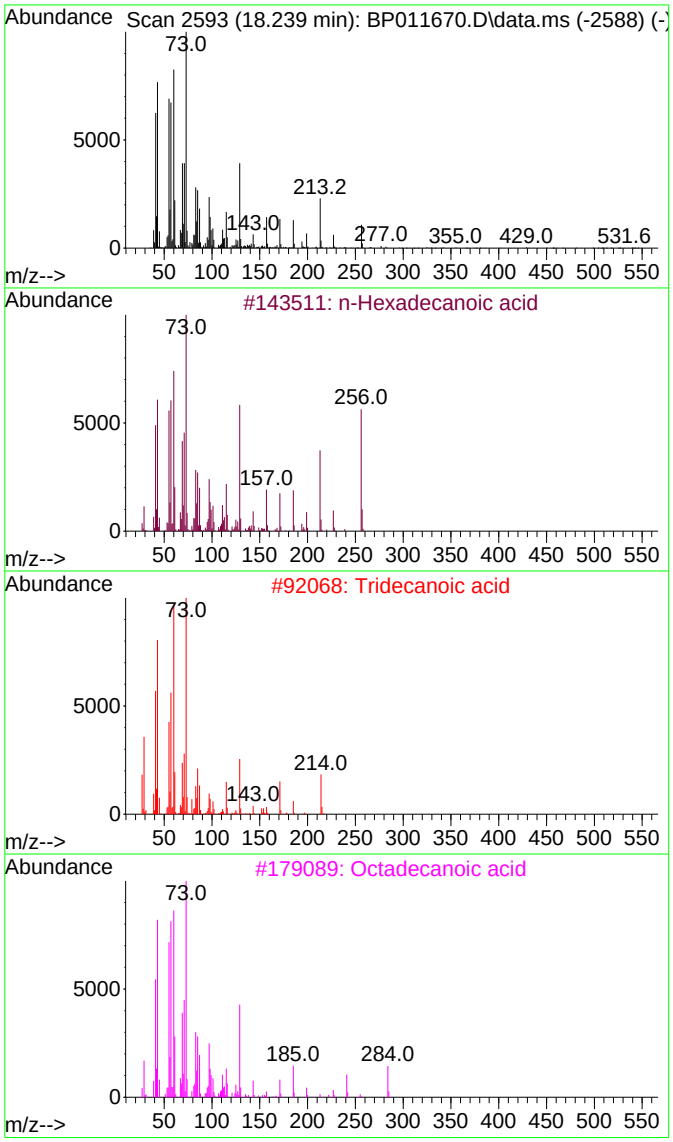
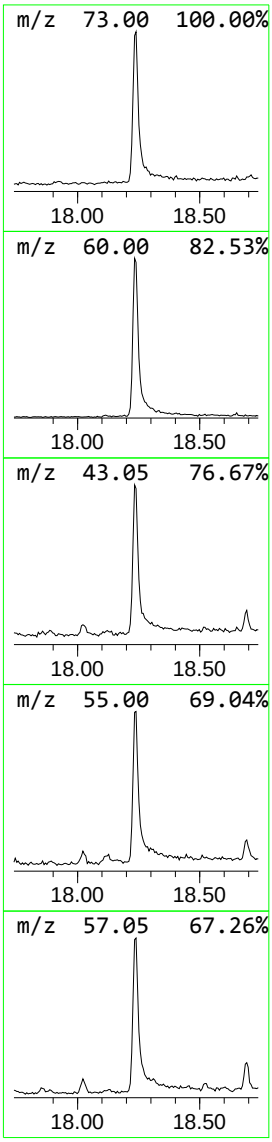
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	3.93 ng	919666	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	90





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Operator : CG/JU
Sample : N4549-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-64

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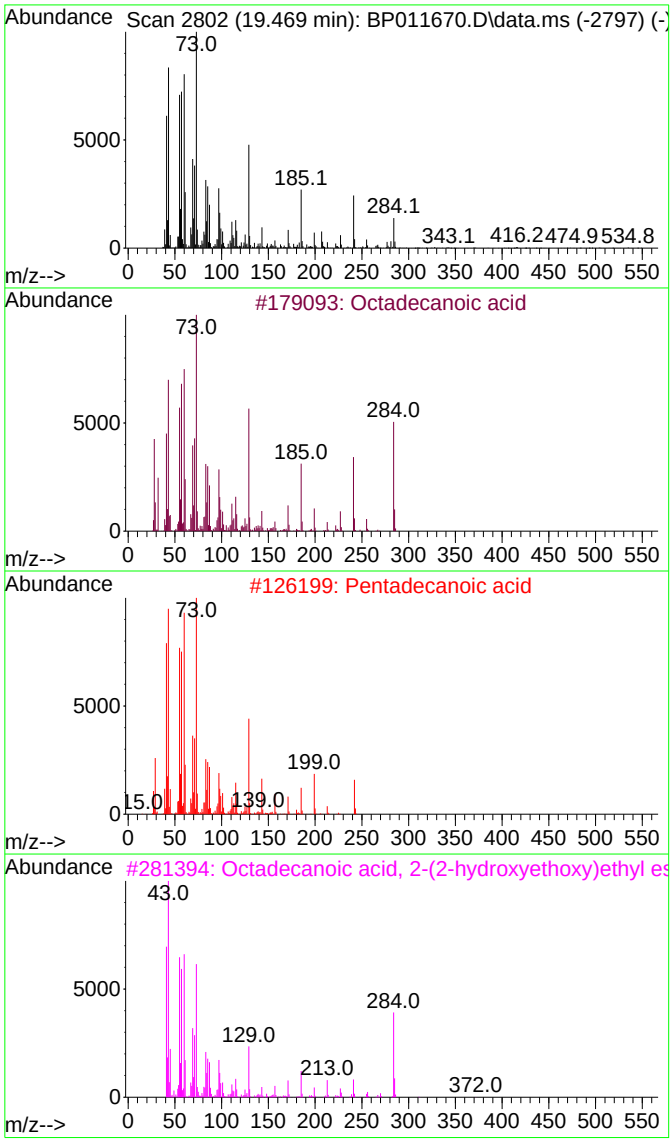
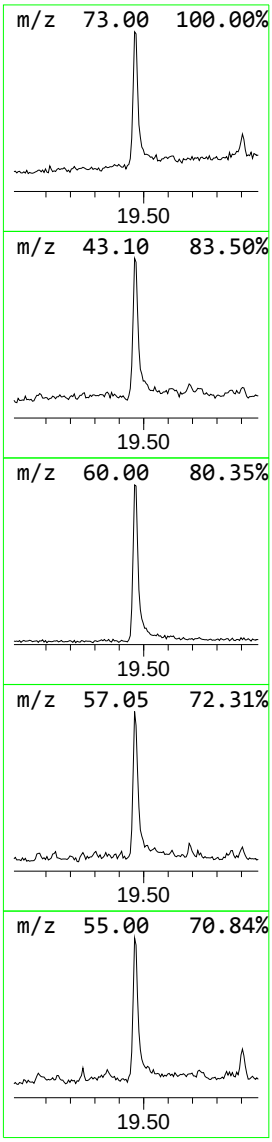
Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.469	2.61 ng	698559	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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BNA_P
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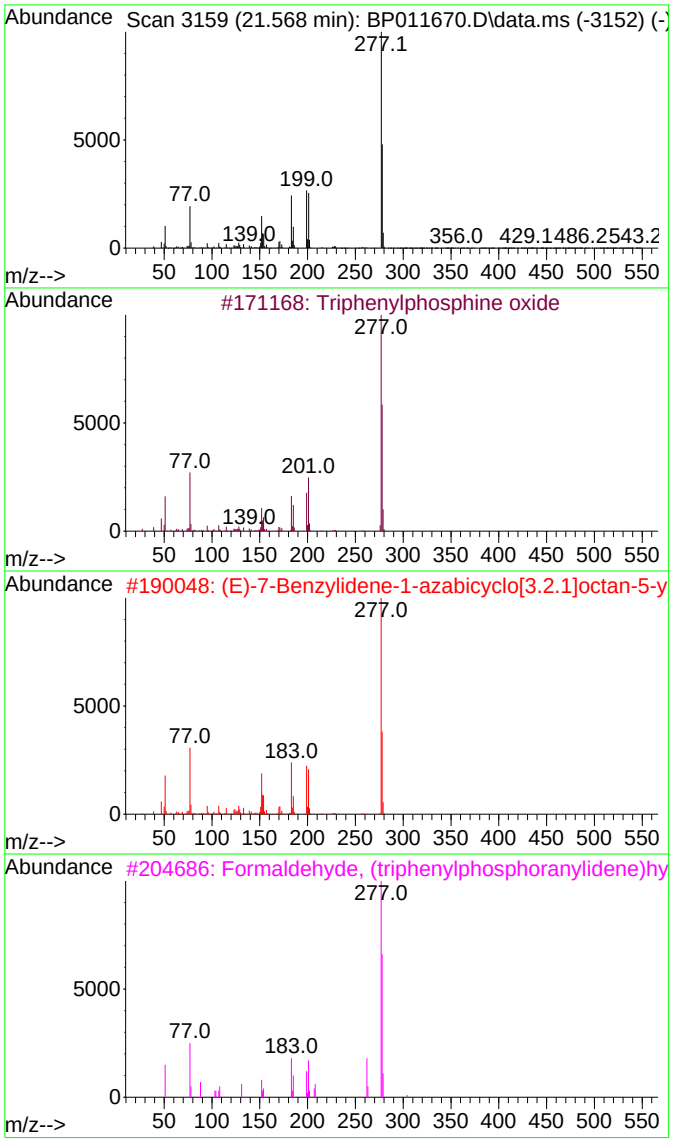
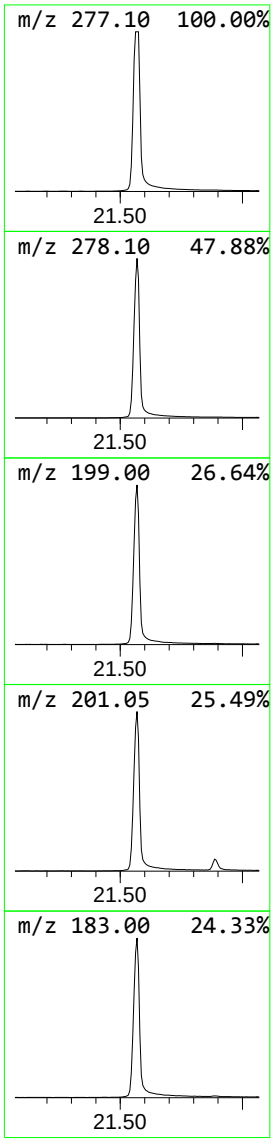
Peak Number 5 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.569	224.20 ng	59984700	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	80
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	64
4	[1,2,4]Triazolo[1,5-a]pyrimidine...	278	C15H14N6	1000350-69-0	47
5	Quinoline, 2-(2-methyl-5-nitroph...	278	C17H14N2O2	311765-54-5	37





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...	3.093	139.7	ng	15315100	1	7.963	2192990	20.0
n-Hexadecanoic ...	18.239	3.9	ng	919666	4	17.357	4676170	20.0
Octadecanoic acid	19.469	2.6	ng	698559	5	21.433	5351060	20.0
Triphenylphosph...	21.569	224.2	ng	59984700	5	21.433	5351060	20.0