LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
Data File : BP011667.D
Acq On : 09 Sep 2022 17:22
Operator : CG/JU
Sample : N4549-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-46

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: BP011667.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	1094573	1339668	2.29%	0.741%
2	3.093	13	18	38	rVB	11054737	13691435	23.36%	7.572%
3	5.517	421	430	441	rBV	3486019	5161239	8.81%	2.854%
4	7.111	694	701	715	rVB	1987827	3265634	5.57%	1.806%
5	7.964	838	846	853	rBV	1427019	2310179	3.94%	1.278%
6	9.128	1036	1044	1060	rBV	4579335	7510171	12.82%	4.153%
7	10.552	1279	1286	1296	rBV	465603	817336	1.39%	0.452%
8	10.775	1316	1324	1332	rBV	1956871	3287806	5.61%	1.818%
9	13.228	1733	1741	1756	rBV	12951812	19169567	32.71%	10.601%
10	14.598	1967	1974	1990	rBV	2861312	4305159	7.35%	2.381%
11	16.093	2221	2228	2247	rVB	9987816	14146089	24.14%	7.823%
12	17.357	2437	2443	2451	rVB	3453539	4971851	8.48%	2.750%
13	18.239	2588	2593	2602	rBV	515178	927363	1.58%	0.513%
14	19.910	2871	2877	2882	rBV	22492759	28592572	48.79%	15.812%
15	21.151	3084	3088	3094	rBV3	372595	589117	1.01%	0.326%
16	21.433	3131	3136	3143	rBV	4380620	5623189	9.60%	3.110%
17	21.569	3152	3159	3182	rBV	33784341	58600171	100.00%	32.407%
18	21.886	3211	3213	3224	rVB	404207	587754	1.00%	0.325%
19	23.904	3550	3556	3566	rVB2	2968908	5927129	10.11%	3.278%

Sum of corrected areas: 180823429

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ClientSampleId :
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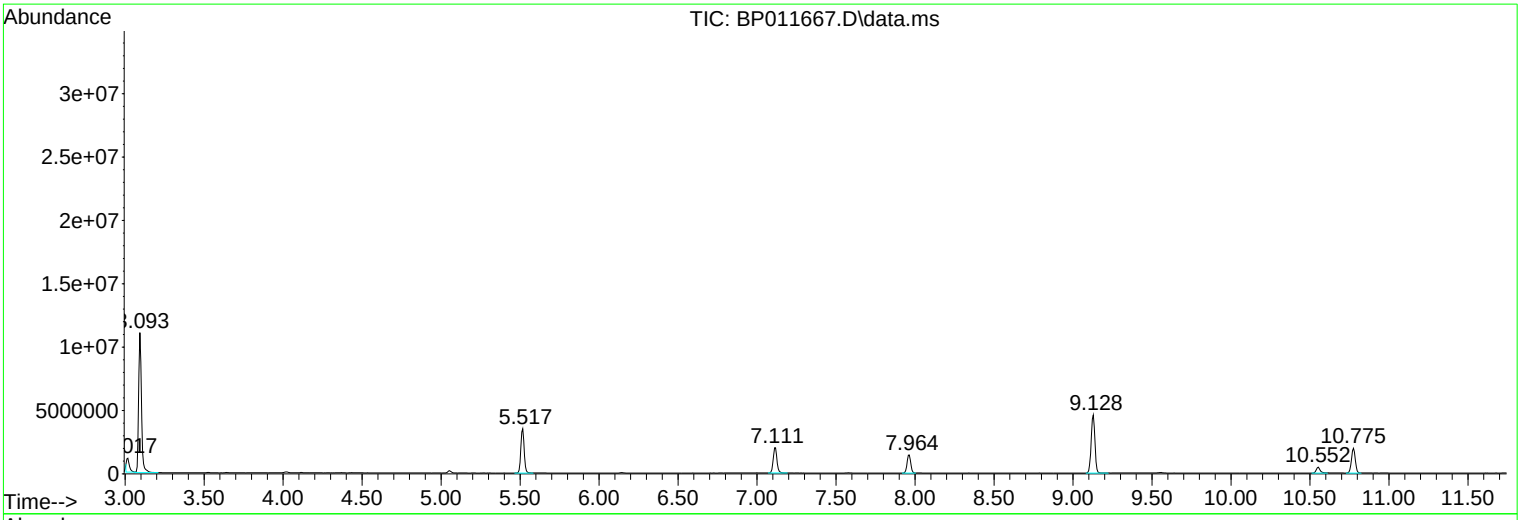
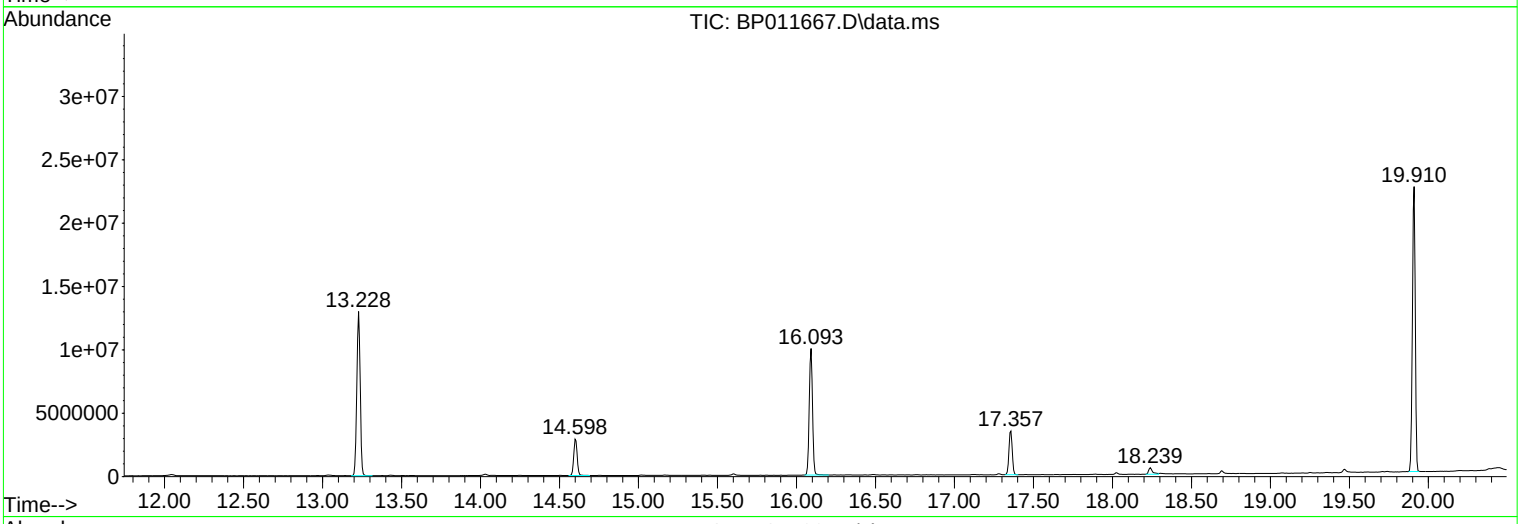
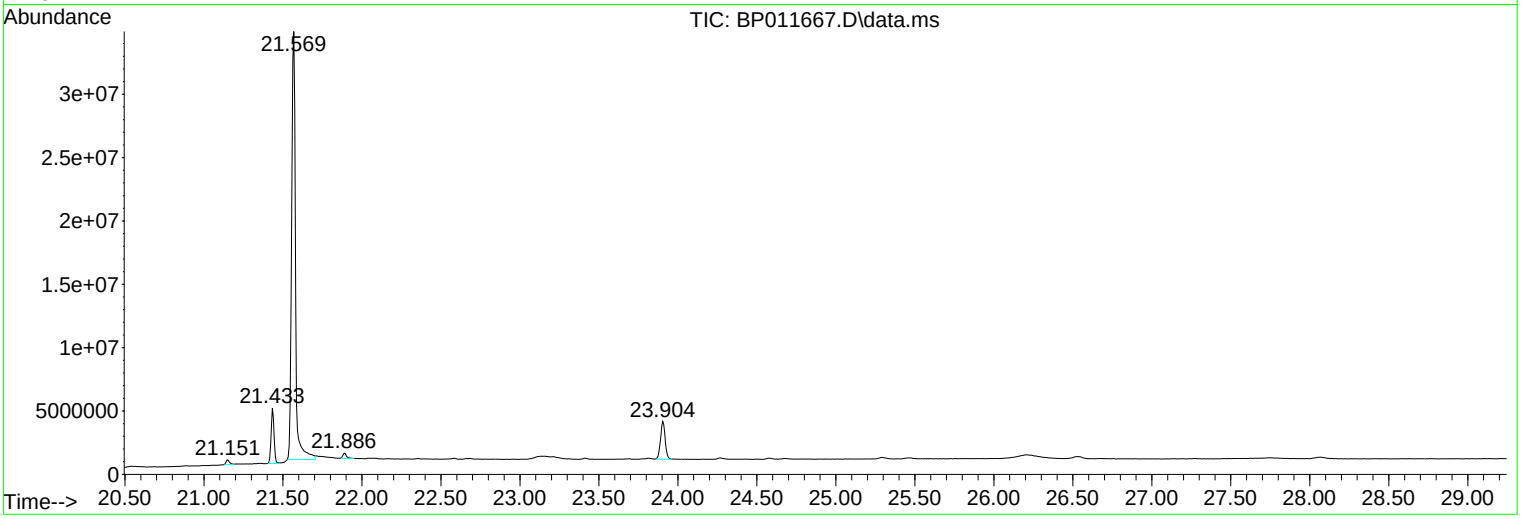
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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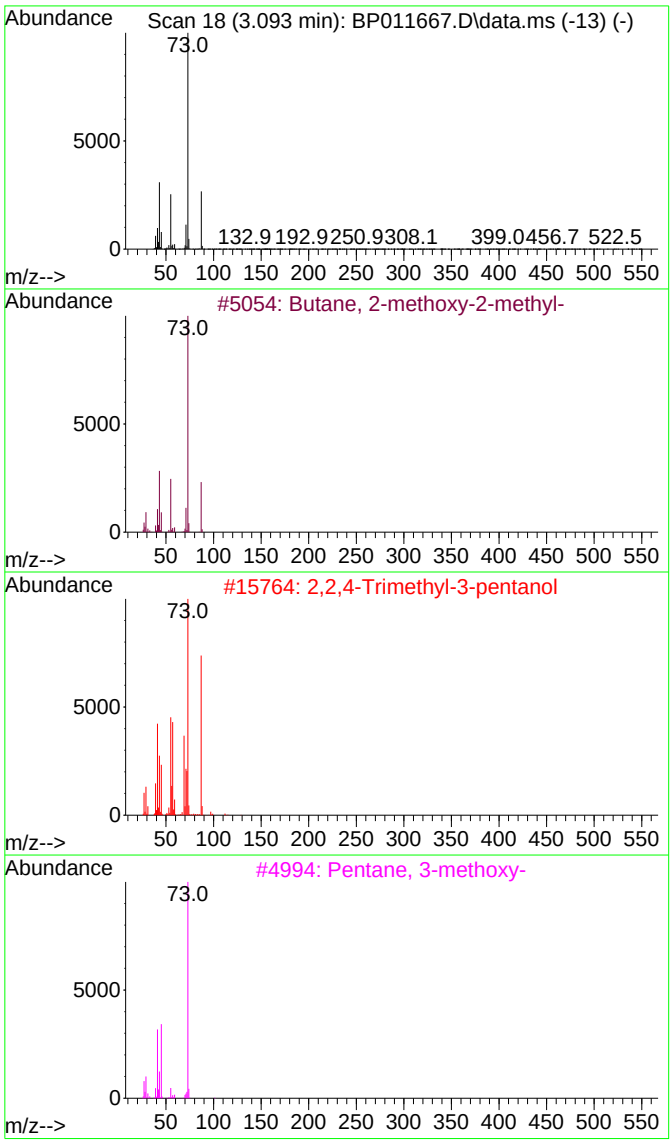
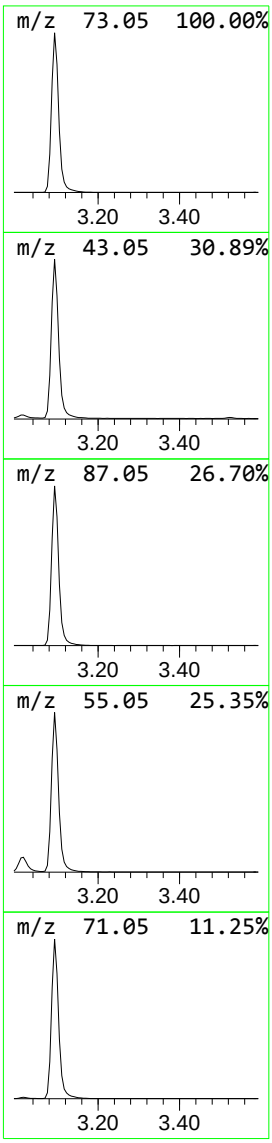
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.093	118.53 ng	13691400	1,4-Dichlorobenzene-d4	7.964

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	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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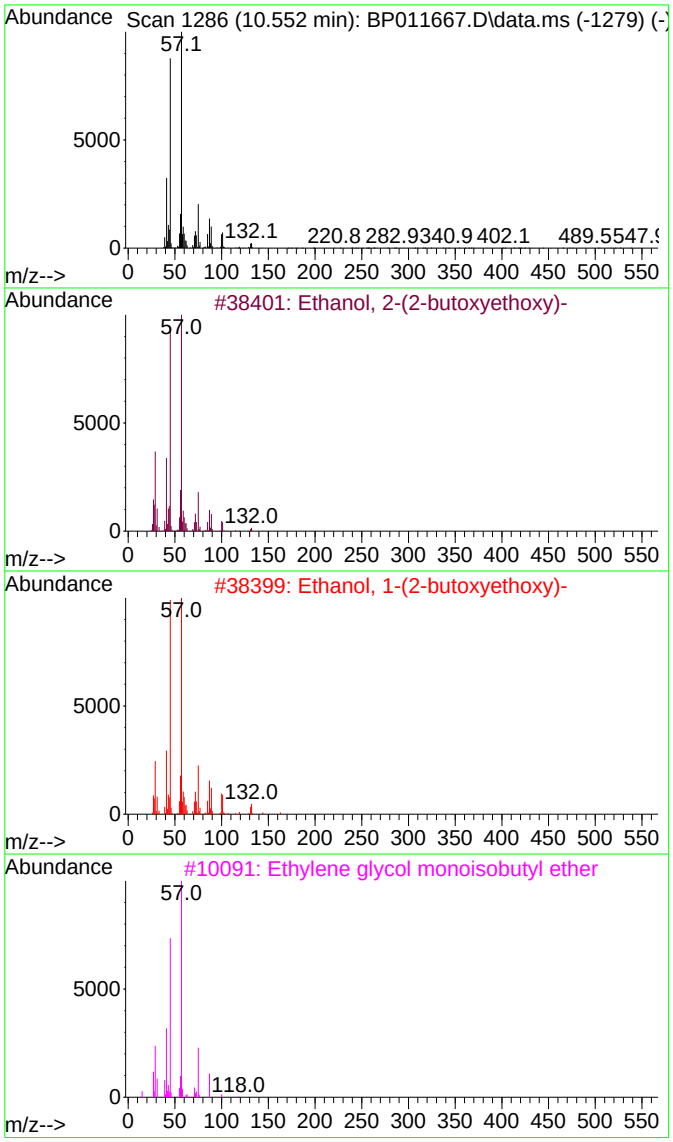
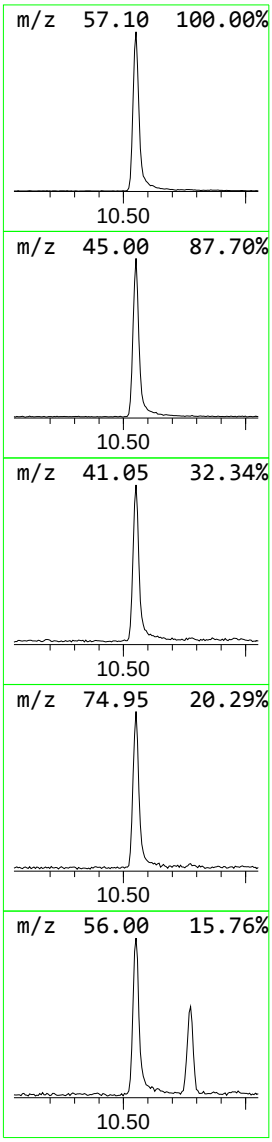
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.552	4.97 ng	817336	Naphthalene-d8	10.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	52





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Misc :
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BNA_P
ClientSampleId :
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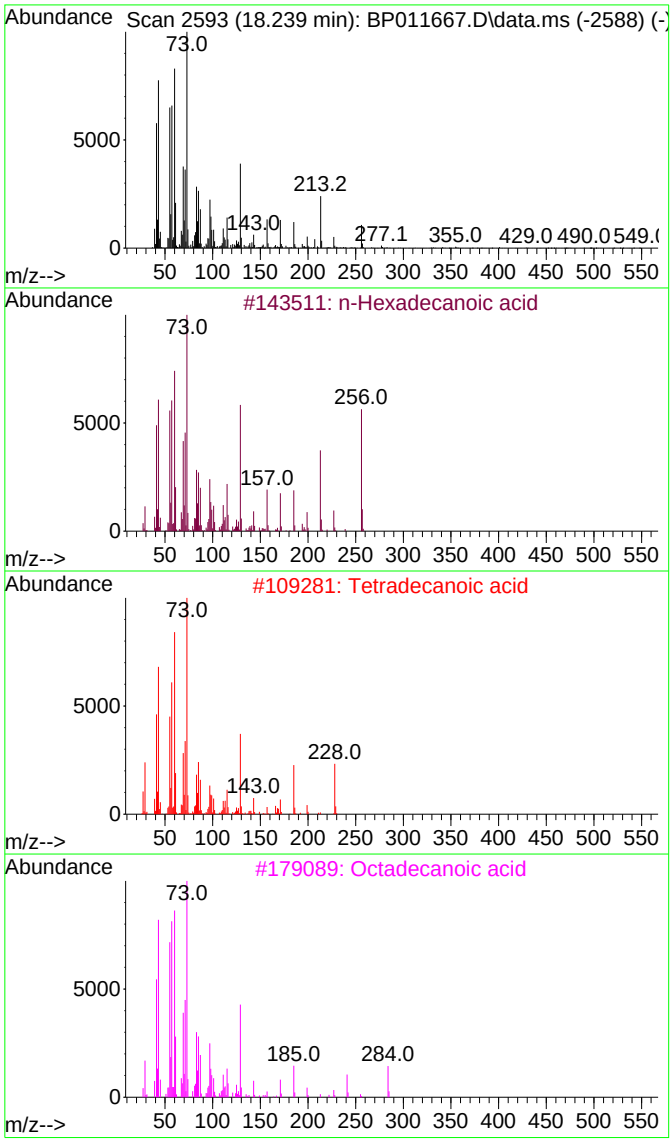
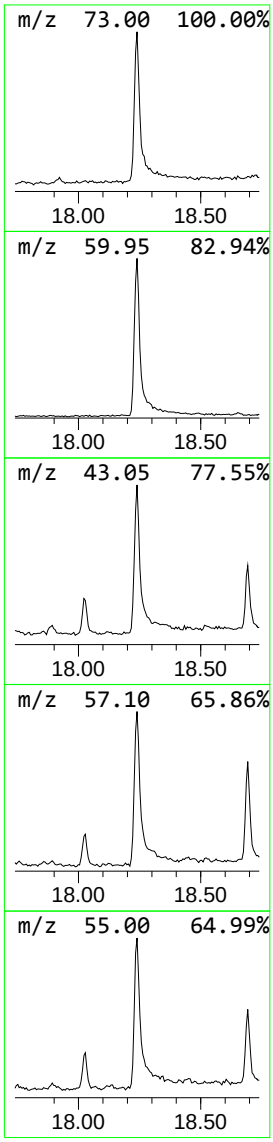
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	3.73 ng	927363	Phenanthrene-d10	17.357

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	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





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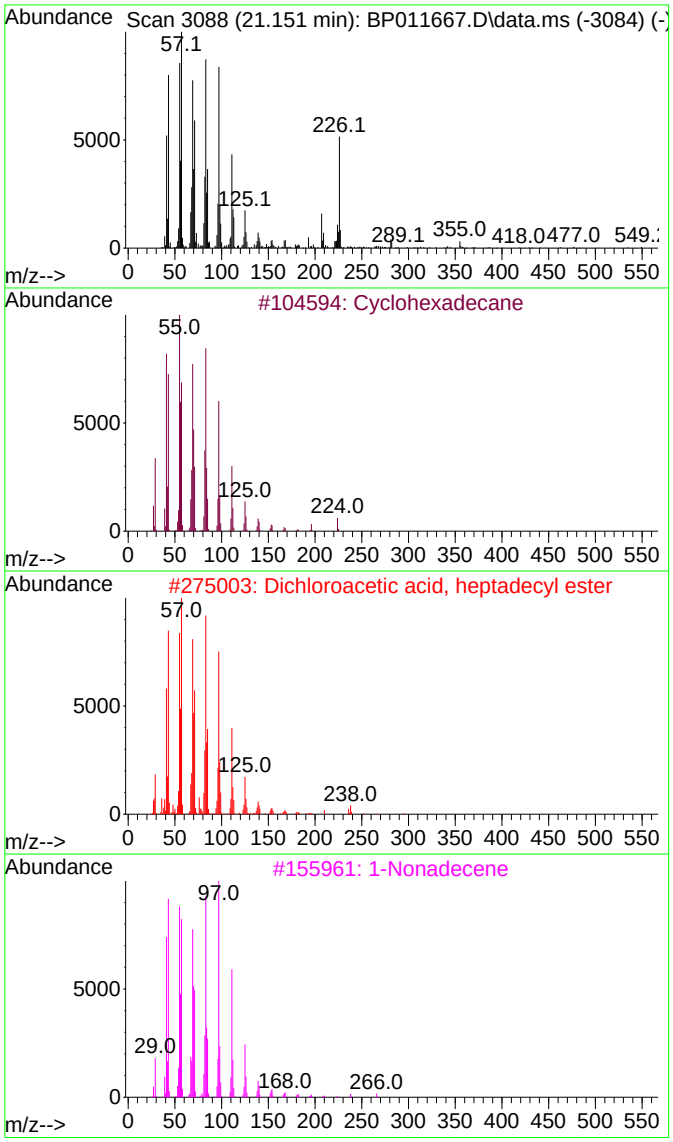
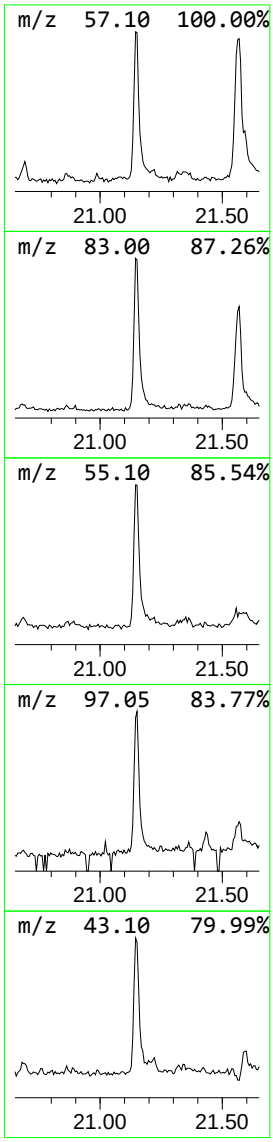
Peak Number 5 Cyclohexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.151	2.10 ng	589117	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	89





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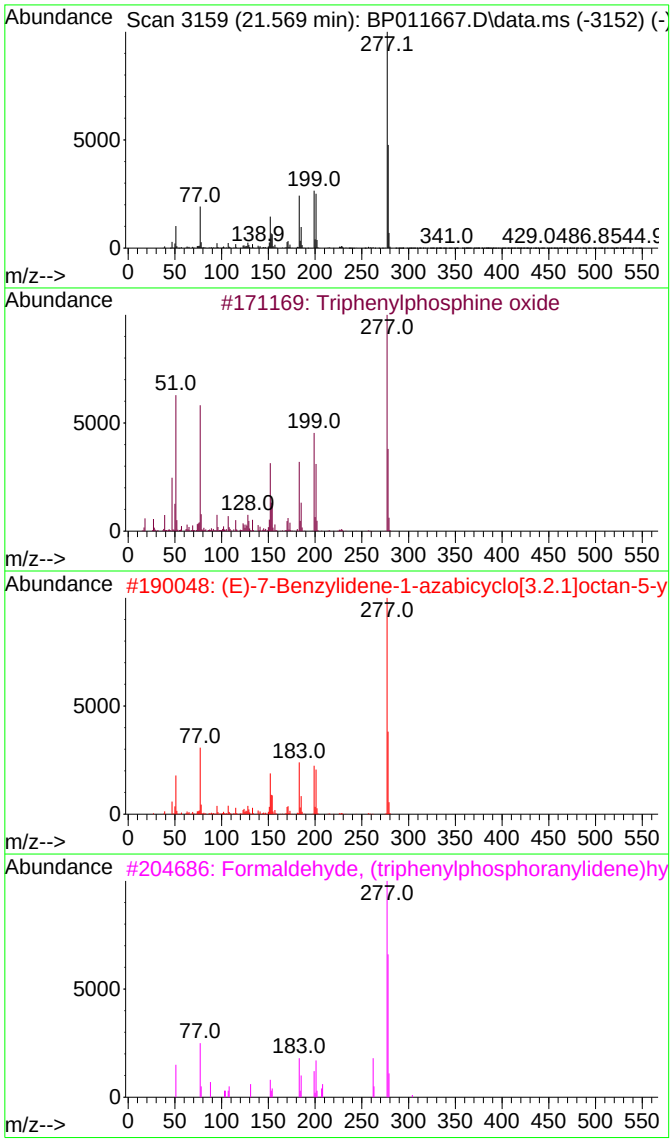
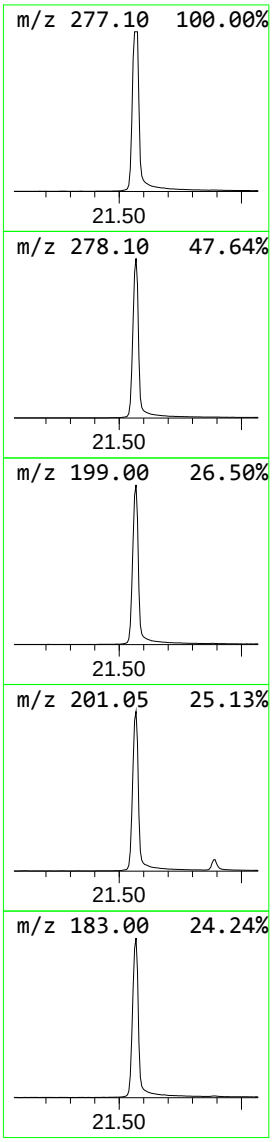
****

Peak Number 6 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.569	208.42 ng	58600200	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	Quinoline, 2-(2-methyl-5-nitroph...	278	C17H14N2O2	311765-54-5	37
5	Quinoline, 8-methyl-2-(2-methyl-...	278	C17H14N2O2	1000259-06-9	25





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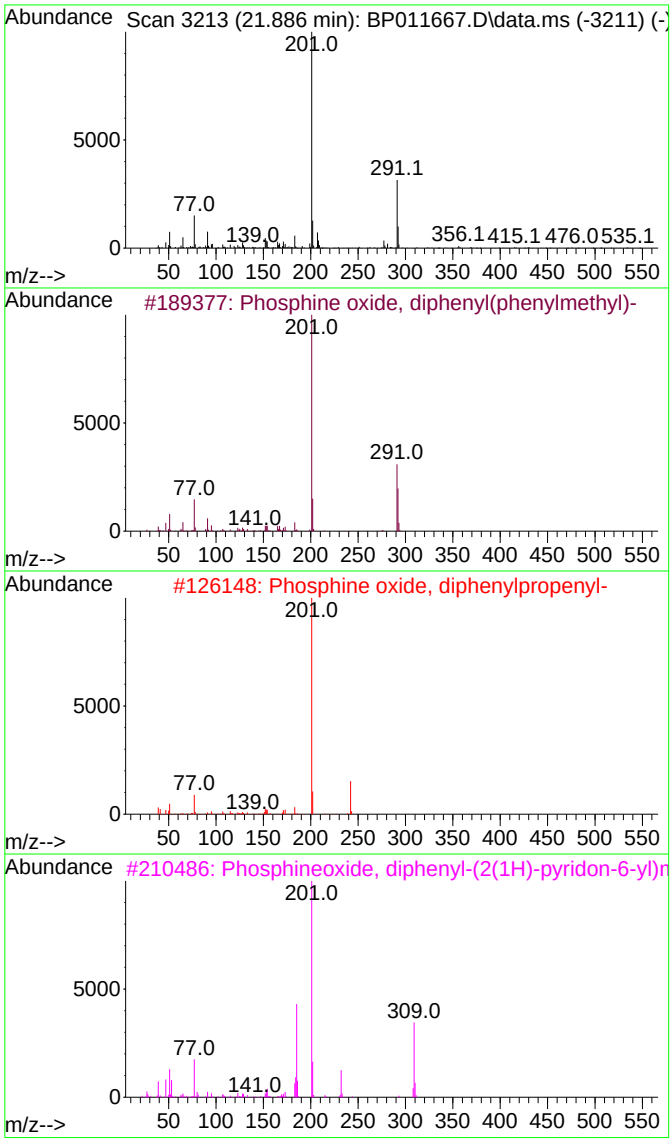
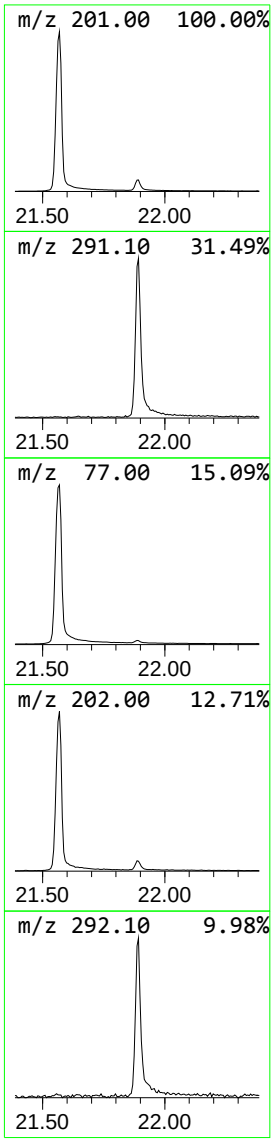
****
Peak Number 7 Phosphine oxide, diphenyl(p... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.886	2.09 ng	587754	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphine oxide, diphenyl(phenyl...	292	C19H17OP	002959-74-2	64
2	Phosphine oxide, diphenylpropenyl-	242	C15H15OP	004252-89-5	52
3	Phosphineoxide, diphenyl-(2(1H)-...	309	C18H16NO2P	1000155-59-0	50
4	4H-Benzopyran-3-carbonitrile, 2-...	278	C17H14N2O2	1000264-02-8	40
5	4-(Difluoromethoxy)-3-methoxyben...	316	C13H14F2N2O5	1000512-12-9	40





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.093	118.5	ng	13691400	1	7.964	2310180	20.0
Ethanol, 2-(2-b...	10.552	5.0	ng	817336	2	10.775	3287810	20.0
n-Hexadecanoic ...	18.239	3.7	ng	927363	4	17.357	4971850	20.0
Cyclohexadecane	21.151	2.1	ng	589117	5	21.433	5623190	20.0
Triphenylphosph...	21.569	208.4	ng	58600200	5	21.433	5623190	20.0
Phosphine oxide...	21.886	2.1	ng	587754	5	21.433	5623190	20.0