LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092722\
Data File : BP011817.D
Acq On : 27 Sep 2022 16:00
Operator : CG/JU
Sample : N4837-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
251563-4

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-BP092122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP011817.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	31	rVB	6552817	10218910	47.52%	9.656%
2	5.470	415	422	435	rBV	2134845	3311949	15.40%	3.129%
3	7.069	686	694	712	rBV	1164801	2007432	9.34%	1.897%
4	7.911	830	837	845	rBV	1243471	2002166	9.31%	1.892%
5	9.075	1027	1035	1056	rBV	3542034	6018655	27.99%	5.687%
6	10.499	1270	1277	1297	rBV	595258	1233082	5.73%	1.165%
7	10.722	1307	1315	1327	rBV	1719071	2980422	13.86%	2.816%
8	13.181	1725	1733	1748	rBV	9315750	14216351	66.12%	13.433%
9	14.551	1959	1966	1981	rBV	2707458	4177452	19.43%	3.947%
10	16.045	2213	2220	2241	rBV	8146395	11674192	54.29%	11.031%
11	17.310	2428	2435	2446	rBV	3566673	5134000	23.88%	4.851%
12	18.192	2580	2585	2595	rBV	472172	957766	4.45%	0.905%
13	19.422	2789	2794	2810	rBV	1192258	2503953	11.65%	2.366%
14	19.863	2864	2869	2875	rBV	16964702	21502200	100.00%	20.317%
15	21.098	3075	3079	3089	rBV	570160	1039580	4.83%	0.982%
16	21.392	3124	3129	3141	rVB2	4163322	5647889	26.27%	5.337%
17	21.516	3145	3150	3162	rBV	3525490	5417196	25.19%	5.119%
18	23.833	3537	3544	3555	rBV2	2713513	5788704	26.92%	5.470%

Sum of corrected areas: 105831899

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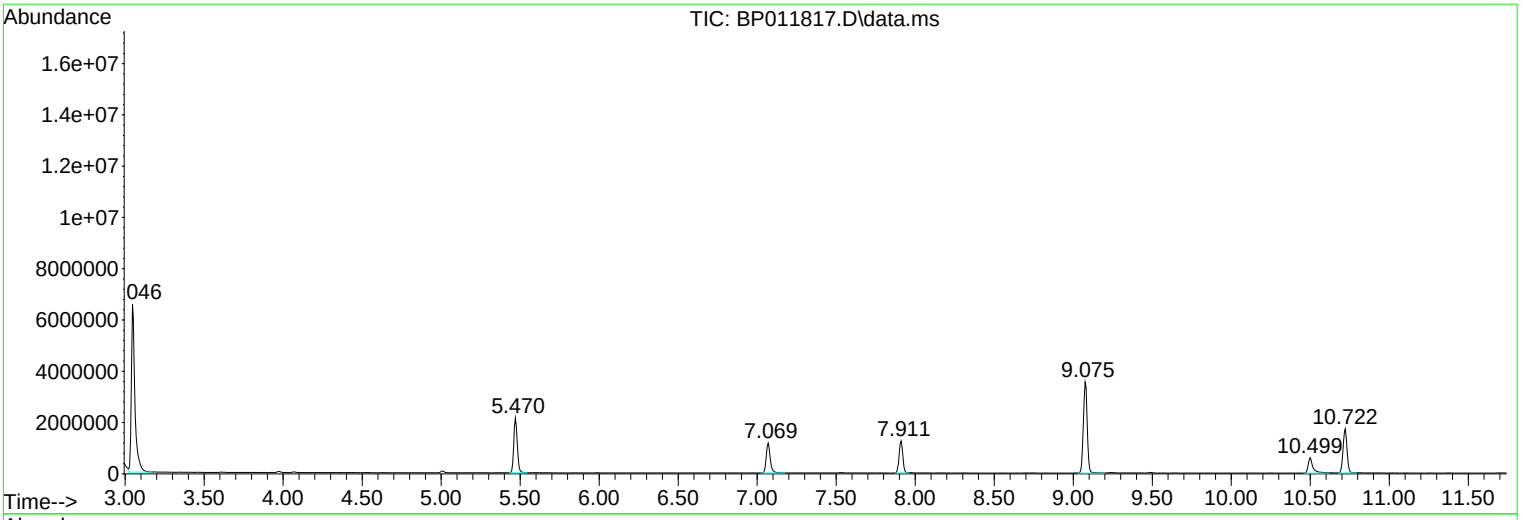
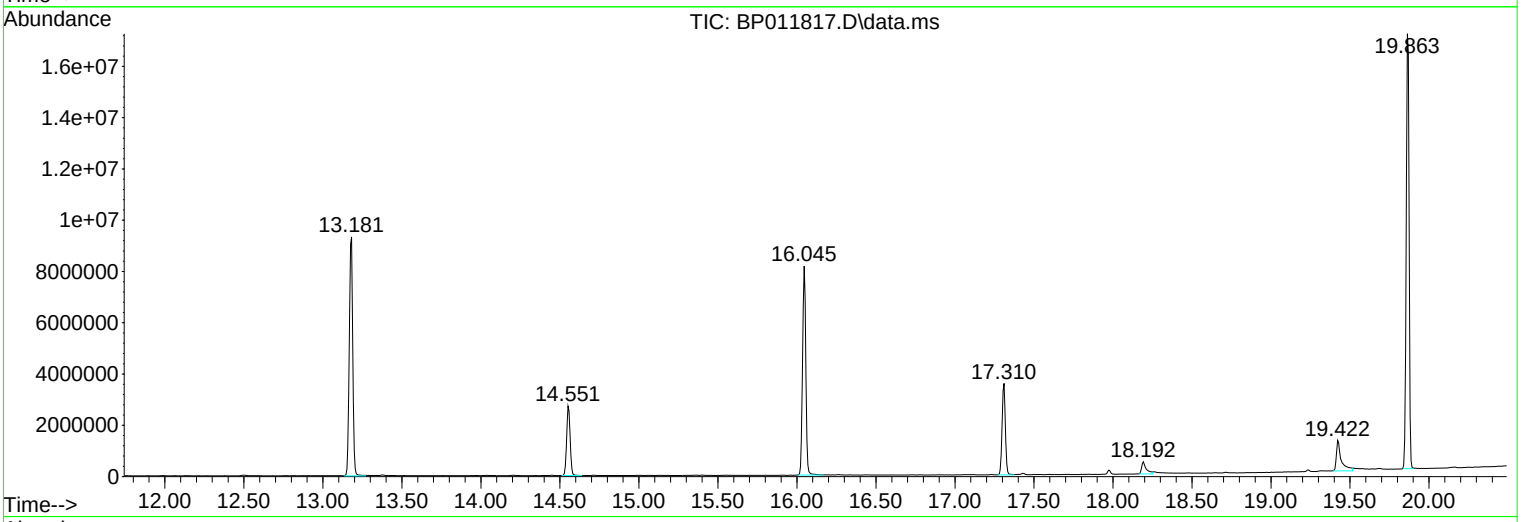
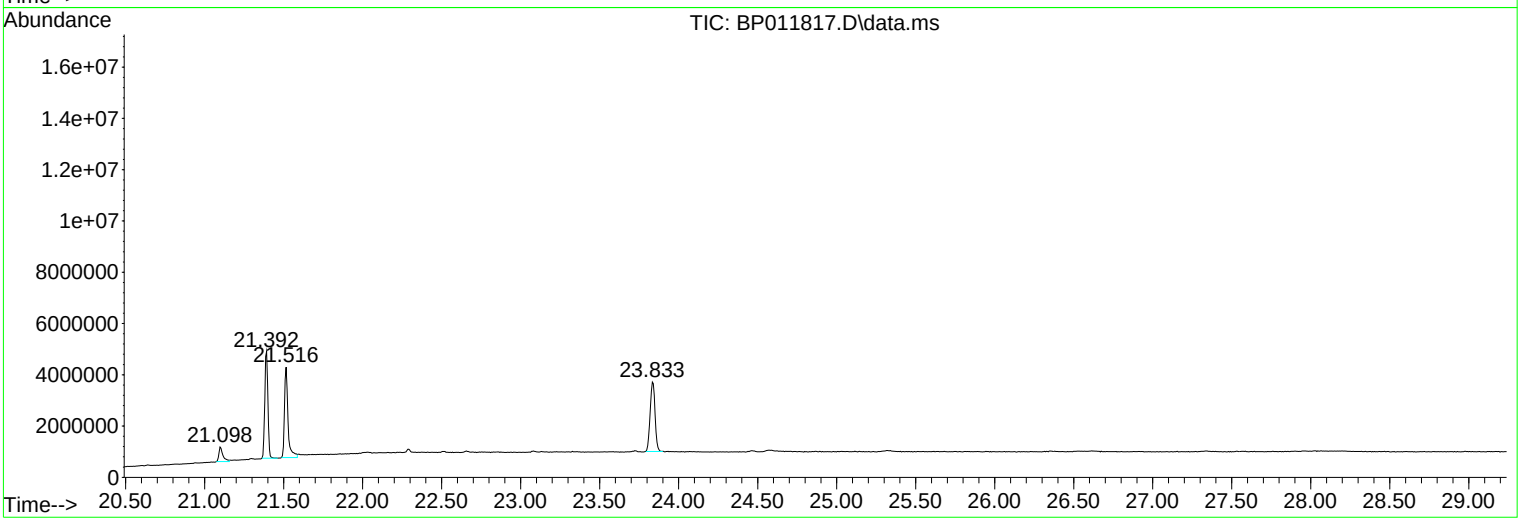
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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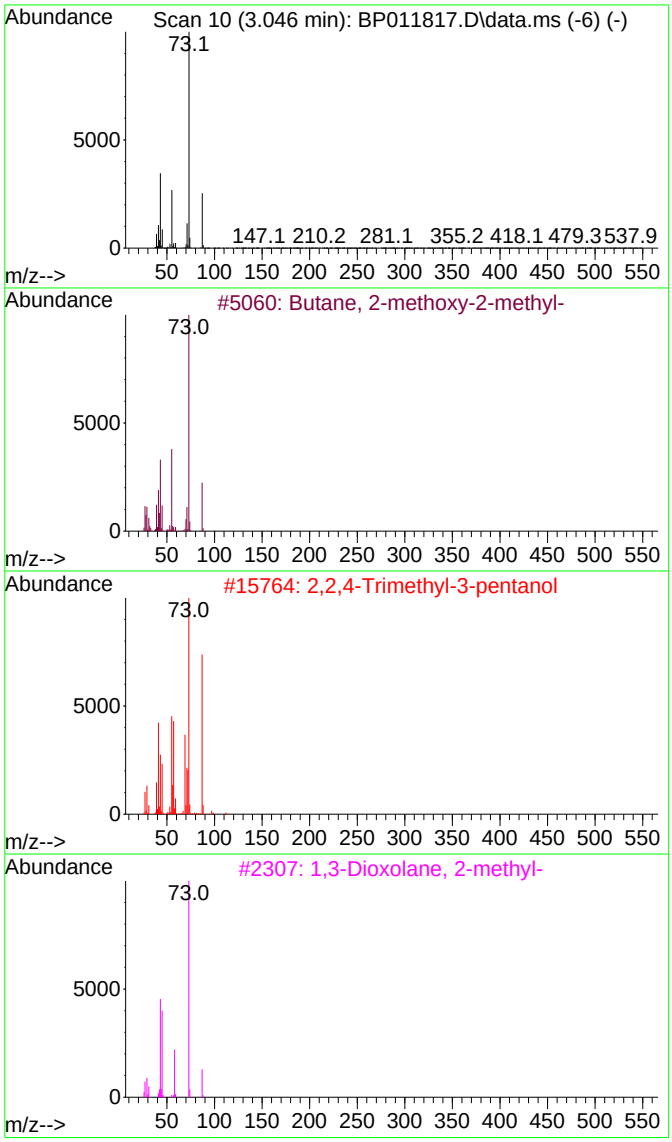
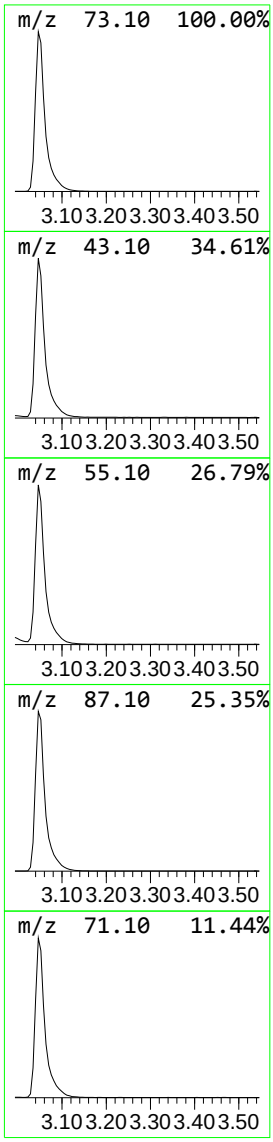
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.046	102.08 ng	10218900	1,4-Dichlorobenzene-d4	7.911

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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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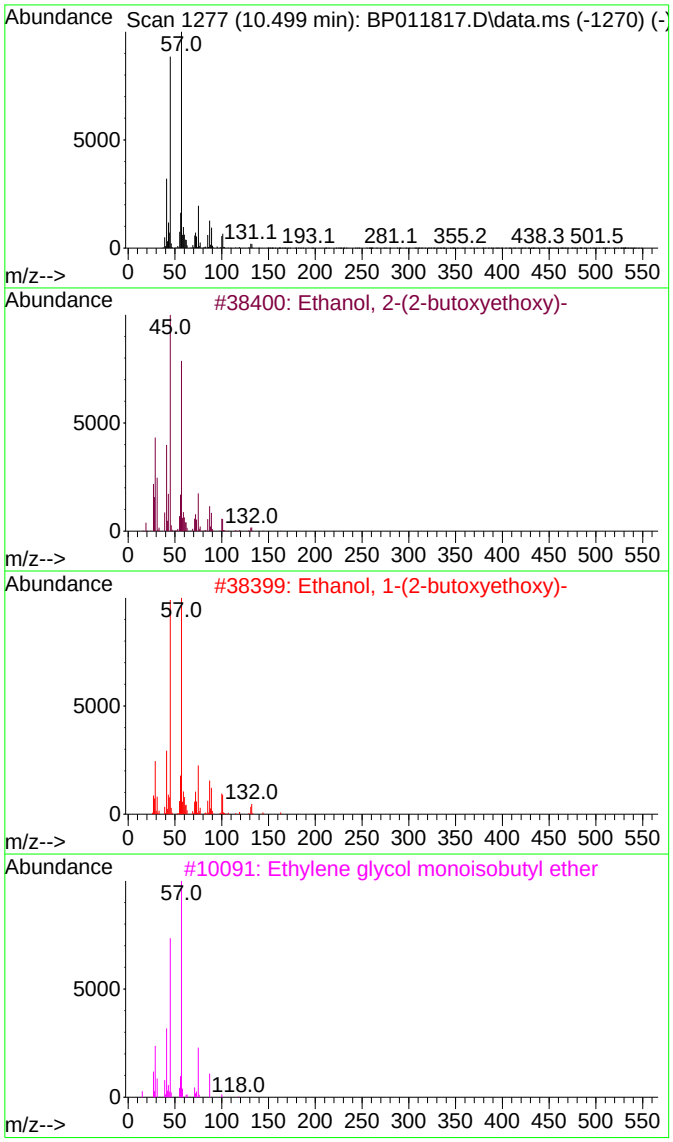
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

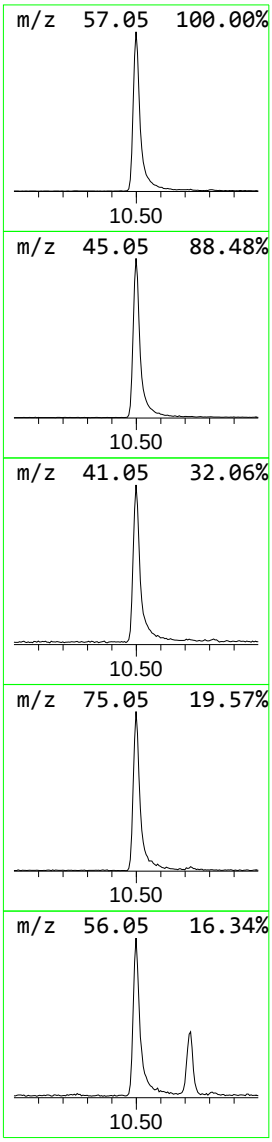
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.499	8.27 ng	1233080	Naphthalene-d8	10.722

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	50





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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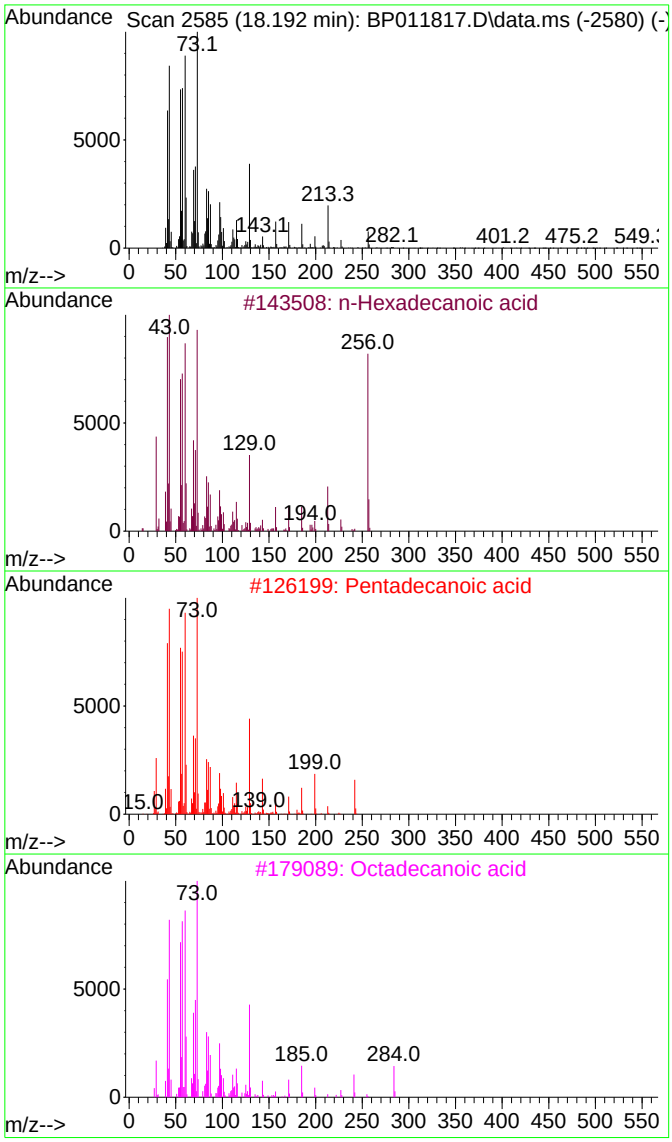
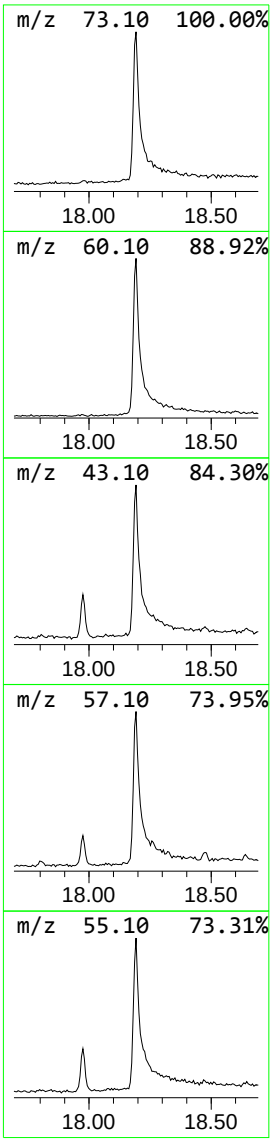
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	3.73 ng	957766	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





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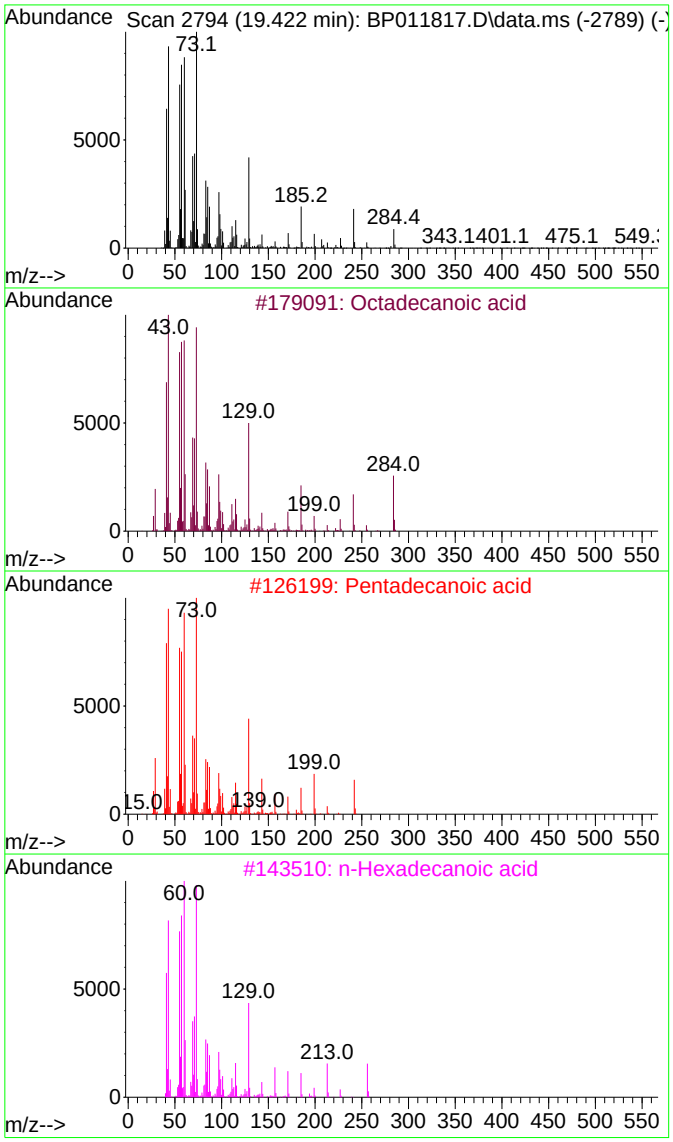
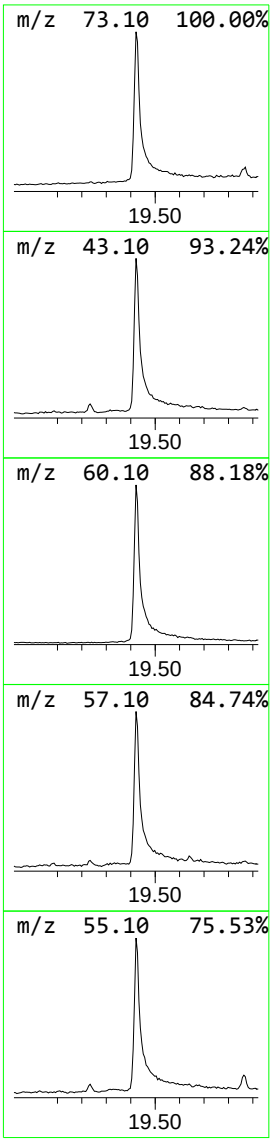
Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.422	8.87 ng	2503950	Chrysene-d12	21.392

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	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83





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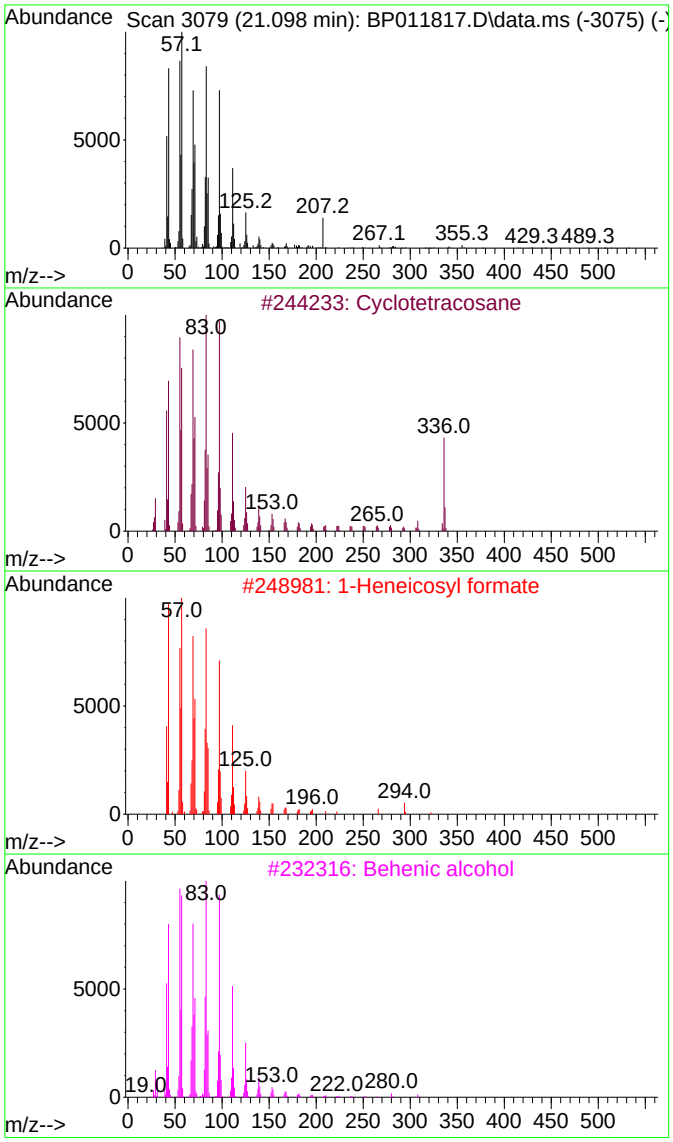
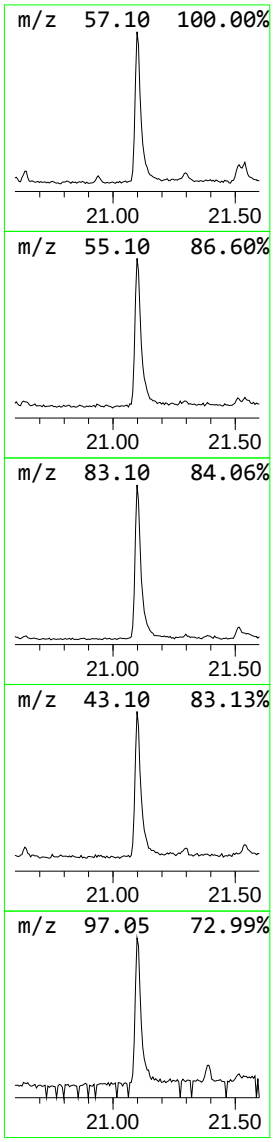
****

Peak Number 5 Cyclotetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.098	3.68 ng	1039580	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	96
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	96
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94





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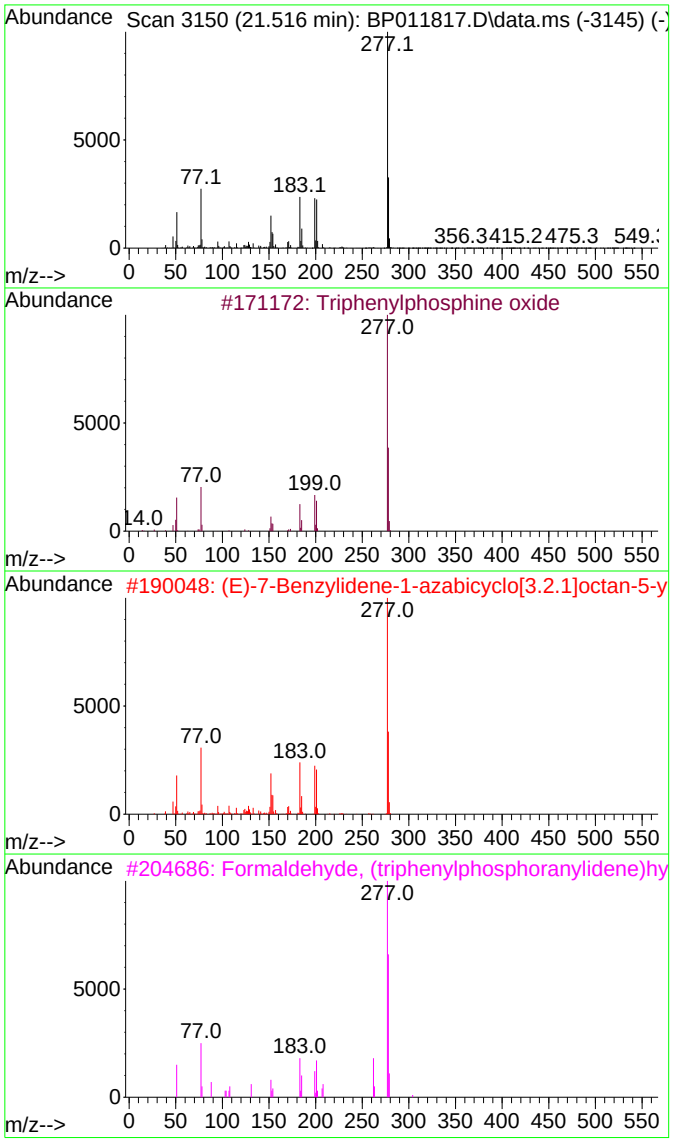
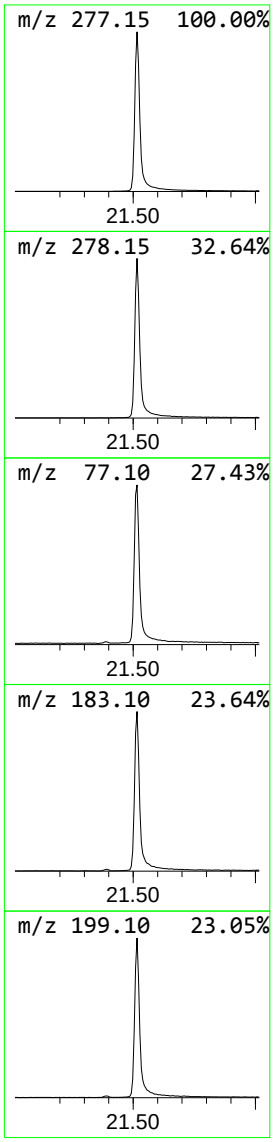
****

Peak Number 6 Triphenylphosphine oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.516	19.18 ng	5417200	Chrysene-d12	21.392

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	95
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	50
4	4-Nitro-4'-methyldiphenylsulfone	277	C13H11NO4S	004094-37-5	43
5	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	43





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...	3.046	102.1	ng	10218900	1	7.911	2002170	20.0
Ethanol, 2-(2-b...	10.499	8.3	ng	1233080	2	10.722	2980420	20.0
n-Hexadecanoic ...	18.192	3.7	ng	957766	4	17.310	5134000	20.0
Octadecanoic acid	19.422	8.9	ng	2503950	5	21.392	5647890	20.0
Cyclotetracosane	21.098	3.7	ng	1039580	5	21.392	5647890	20.0
Triphenylphosph...	21.516	19.2	ng	5417200	5	21.392	5647890	20.0