LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
Data File : BP011677.D
Acq On : 09 Sep 2022 23:08
Operator : CG/JU
Sample : N4549-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-63

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: BP011677.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.011	3	4	13	rVB	990575	1145828	3.14%	0.783%
2	3.093	13	18	43	rVB	11836596	15256812	41.86%	10.425%
3	5.052	345	351	359	rBV	254486	366062	1.00%	0.250%
4	5.517	423	430	439	rBV	4022147	6039956	16.57%	4.127%
5	7.111	694	701	715	rVB	2462135	3996859	10.97%	2.731%
6	7.958	834	845	852	rBV	1377834	2188934	6.01%	1.496%
7	9.122	1035	1043	1055	rBV	4561157	7617420	20.90%	5.205%
8	10.769	1316	1323	1338	rBV	1769675	3083127	8.46%	2.107%
9	13.228	1733	1741	1752	rBV	11179345	17036730	46.75%	11.641%
10	14.598	1967	1974	1984	rBV	2561646	3871571	10.62%	2.645%
11	16.087	2220	2227	2240	rBV	8463762	12441134	34.14%	8.501%
12	17.351	2436	2442	2453	rBV	3068178	4352117	11.94%	2.974%
13	18.234	2588	2592	2602	rBV	884815	1420477	3.90%	0.971%
14	19.463	2797	2801	2815	rBV	653259	1141894	3.13%	0.780%
15	19.904	2870	2876	2885	rVB	15911261	19293066	52.94%	13.183%
16	21.139	3083	3086	3093	rVB2	449107	548012	1.50%	0.374%
17	21.428	3130	3135	3141	rBV	3593378	4934310	13.54%	3.372%
18	21.563	3151	3158	3183	rBV	22490528	36445306	100.00%	24.904%
19	23.892	3548	3554	3567	rVB2	2514252	5166263	14.18%	3.530%

Sum of corrected areas: 146345878

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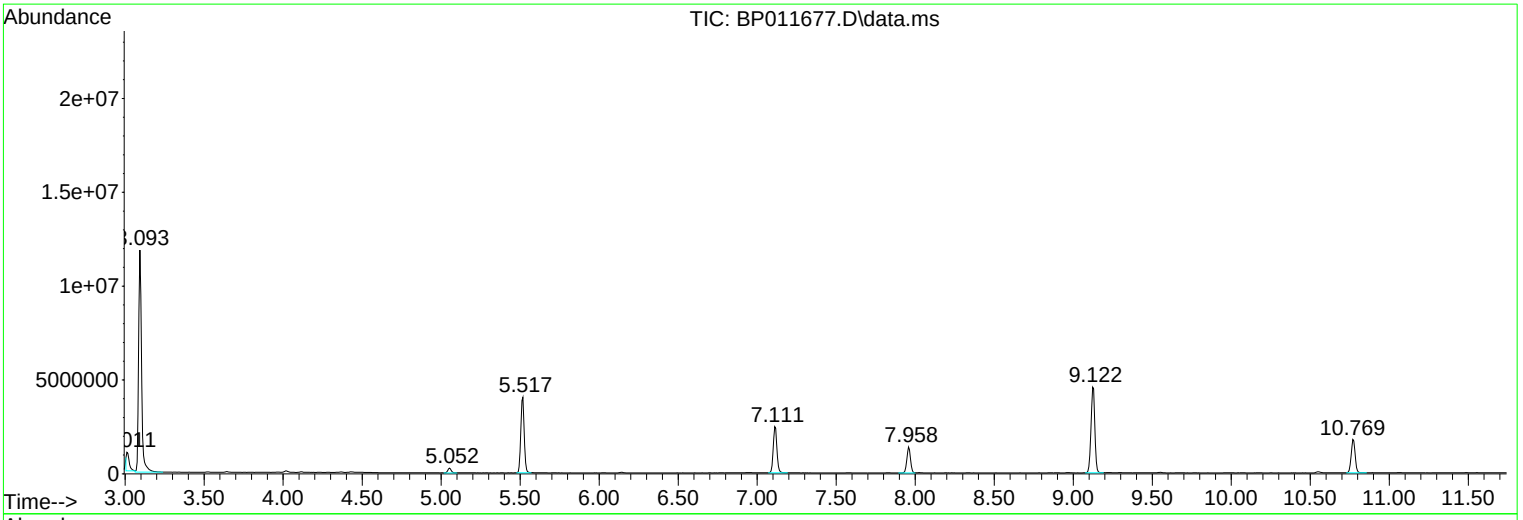
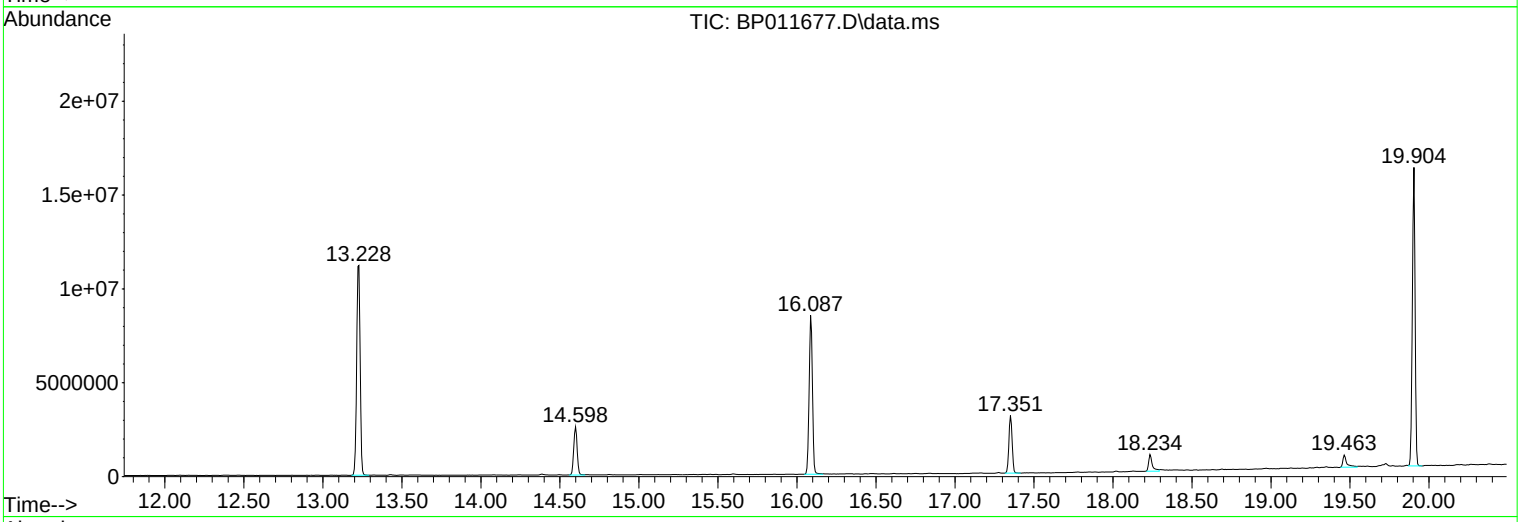
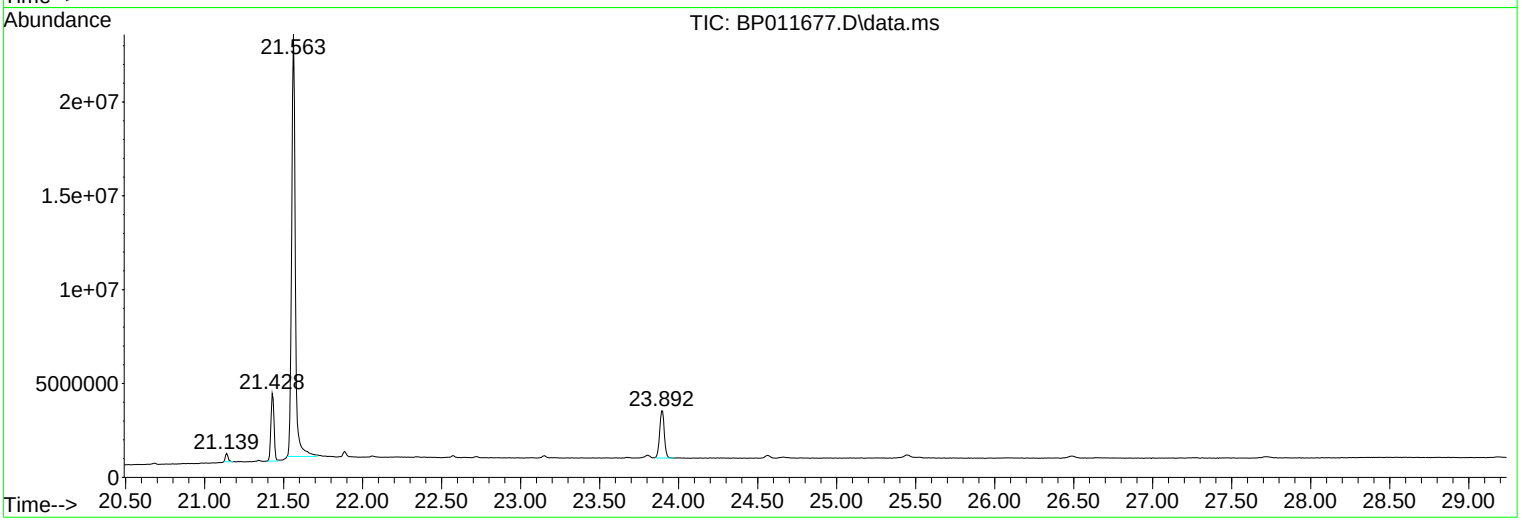
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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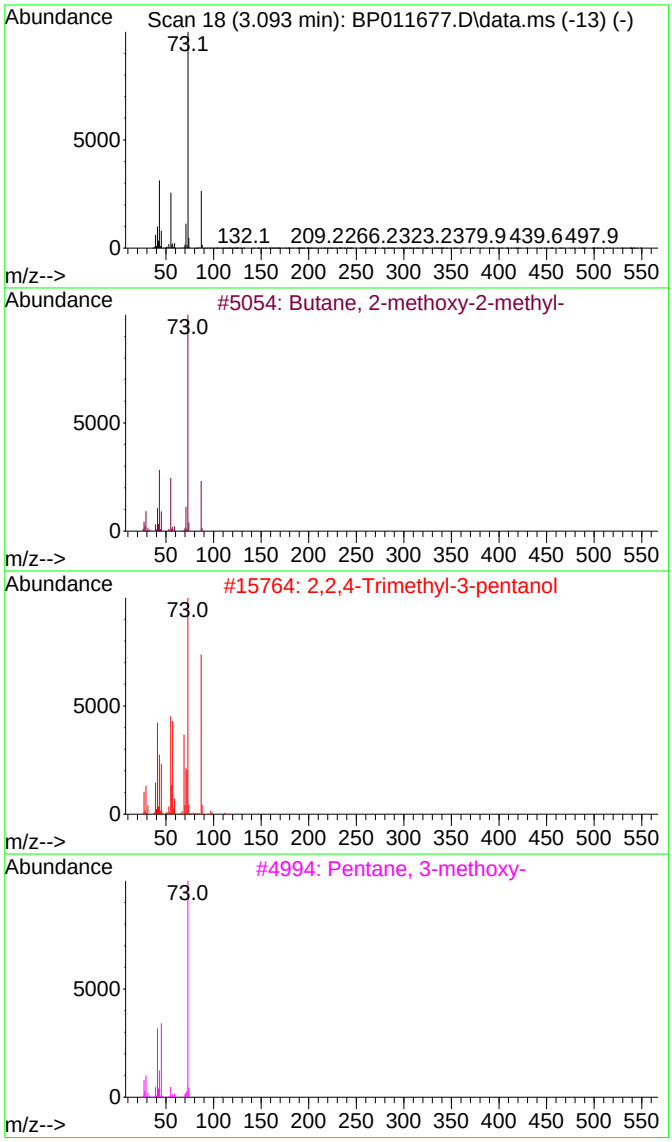
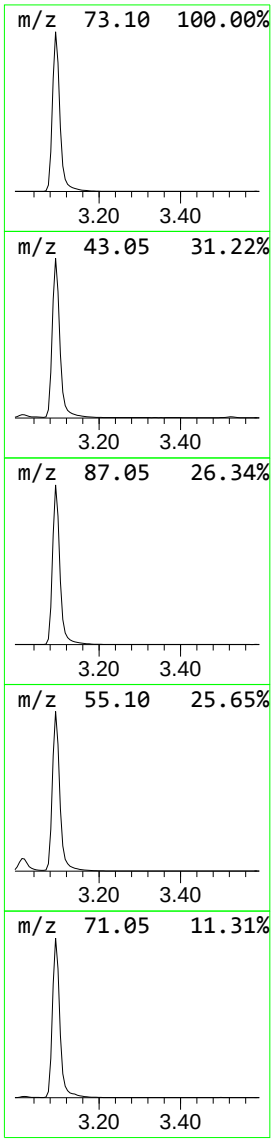
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.093	139.40 ng	15256800	1,4-Dichlorobenzene-d4	7.958

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-63

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
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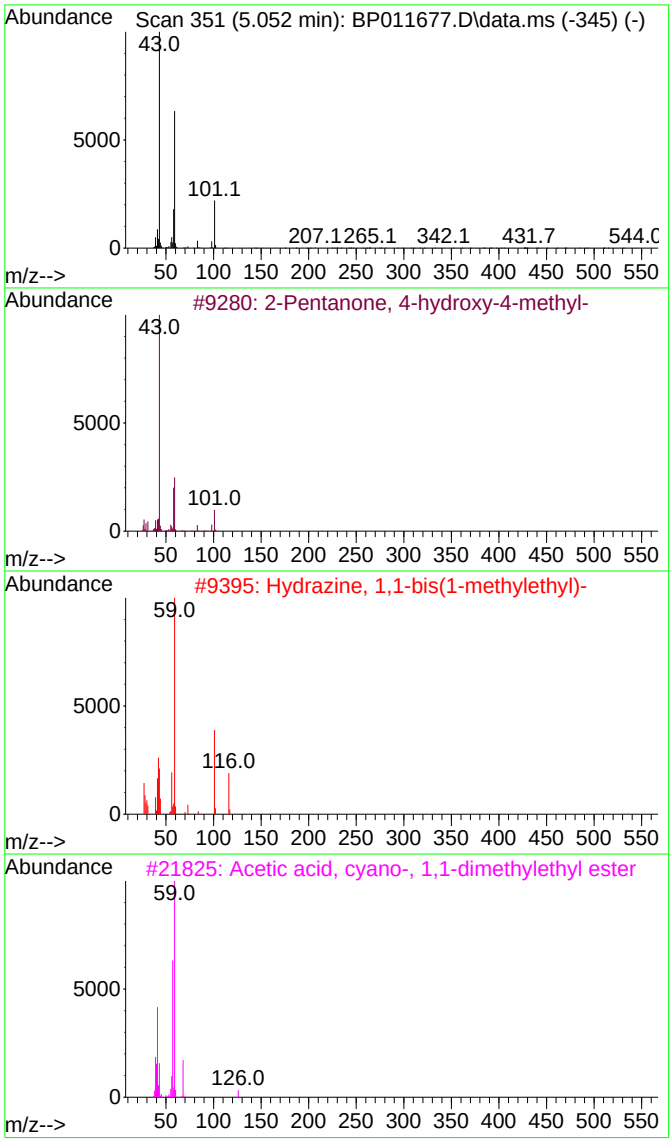
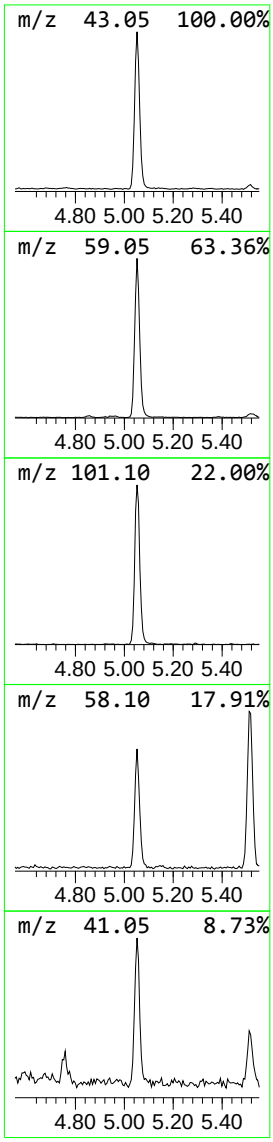
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.052	3.34 ng	366062	1,4-Dichlorobenzene-d4	7.958

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
5	1,2-Butanediol	90	C4H10O2	000584-03-2	17





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Operator : CG/JU
Sample : N4549-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-63

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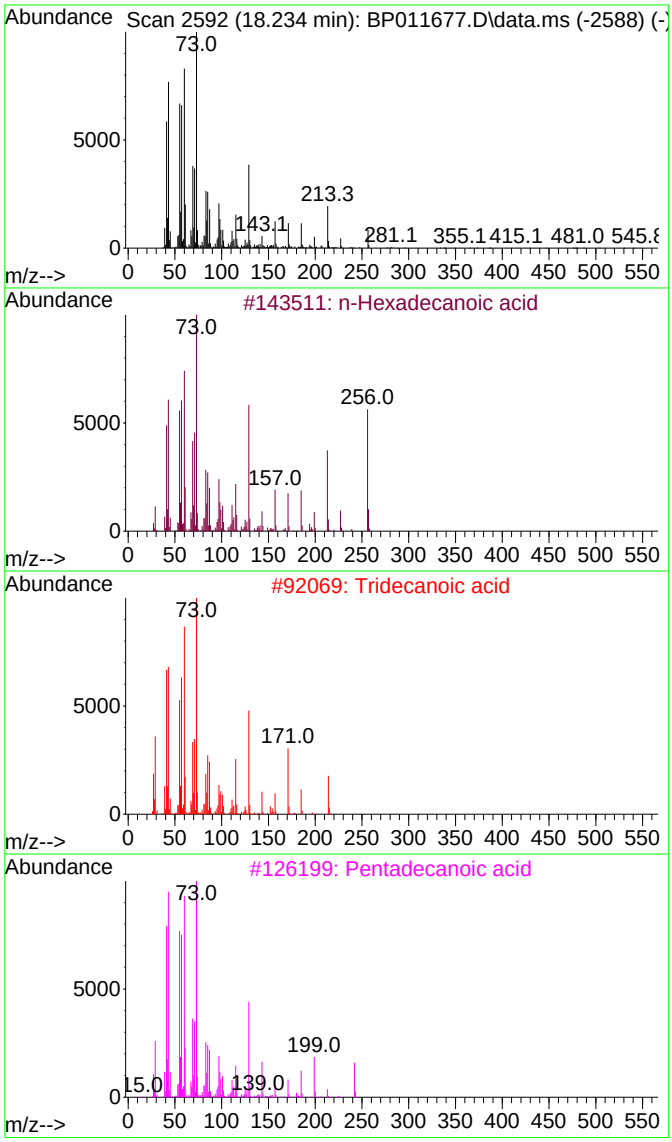
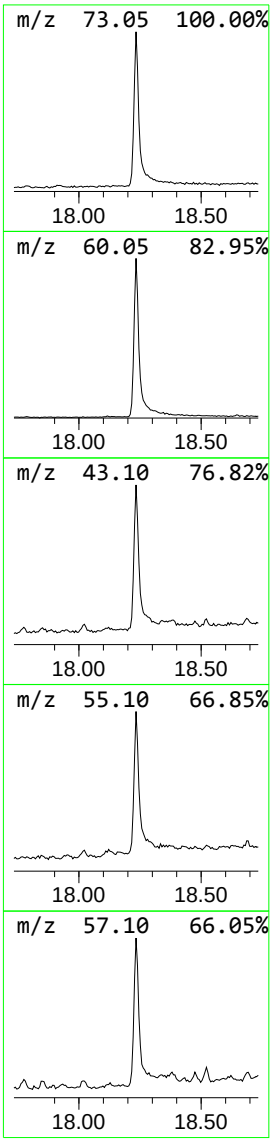
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.234	6.53 ng	1420480	Phenanthrene-d10	17.351

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	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	53





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Instrument :
BNA_P
ClientSampleId :
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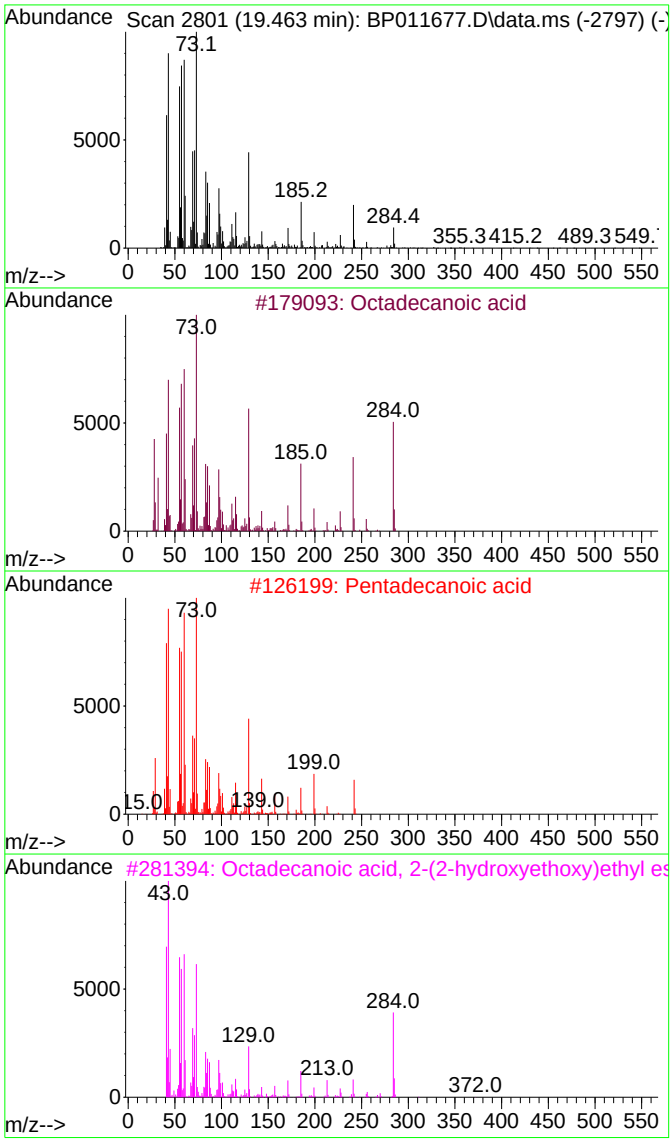
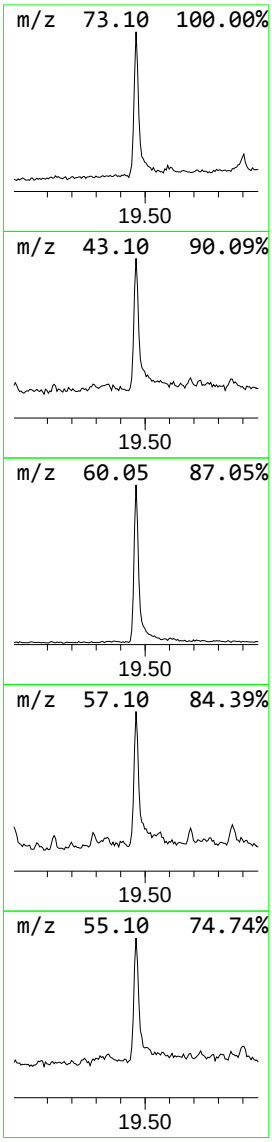
Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.463	4.63 ng	1141890	Chrysene-d12	21.427

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	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74





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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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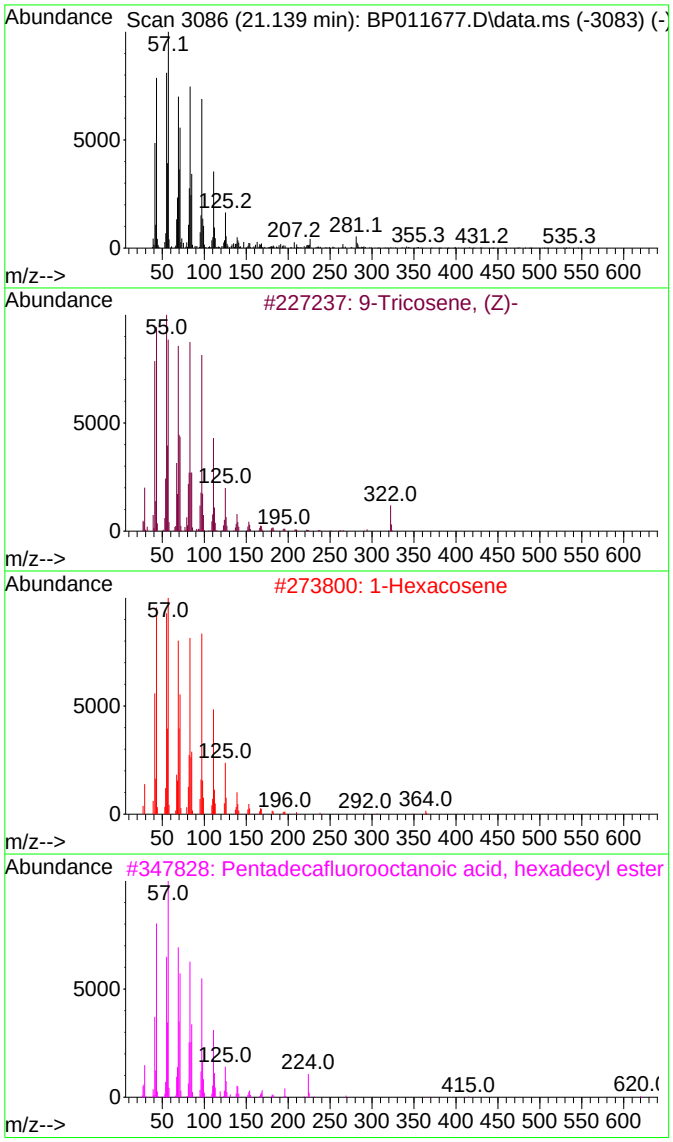
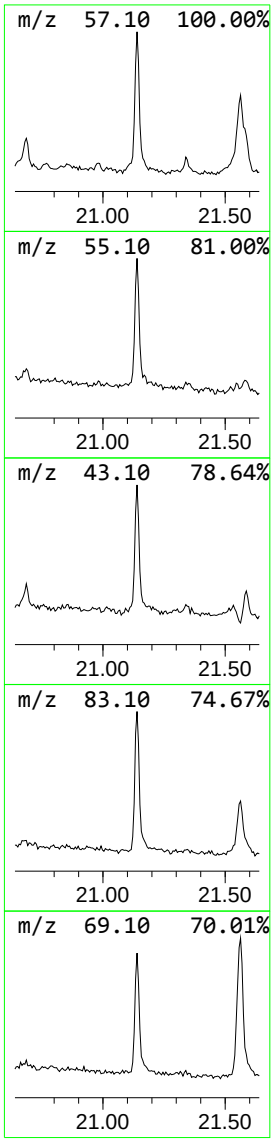
Peak Number 6 9-Tricosene, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.139	2.22 ng	548012	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	94
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
5	Cyclopentadecane	210	C15H30	000295-48-7	93





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TIC Library : C:\Database\NIST20.L
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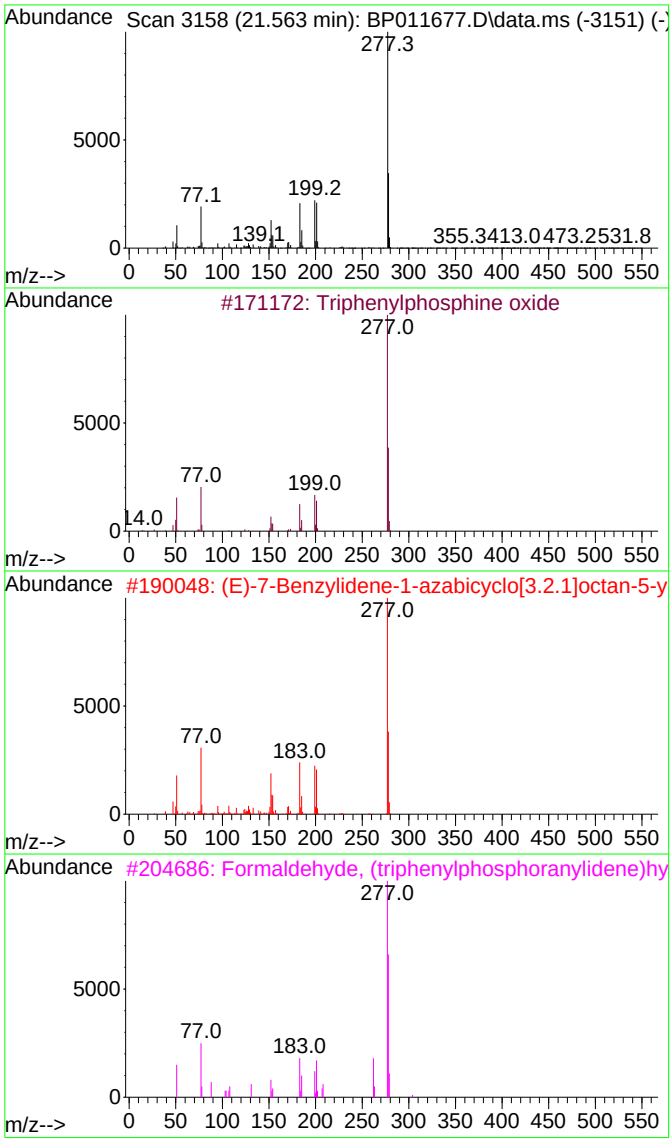
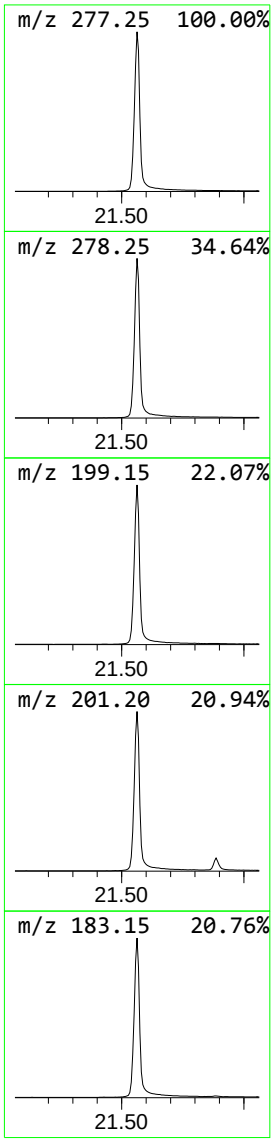
Peak Number 7 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.563	147.72 ng	36445300	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	93
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	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	25





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...	3.093	139.4	ng	15256800	1	7.958	2188930	20.0
2-Pentanone, 4-...	5.052	3.3	ng	366062	1	7.958	2188930	20.0
n-Hexadecanoic ...	18.234	6.5	ng	1420480	4	17.351	4352120	20.0
Octadecanoic acid	19.463	4.6	ng	1141890	5	21.427	4934310	20.0
9-Tricosene, (Z)-	21.139	2.2	ng	548012	5	21.427	4934310	20.0
Triphenylphosph...	21.563	147.7	ng	36445300	5	21.427	4934310	20.0