LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060122\
Data File : BP010649.D
Acq On : 01 Jun 2022 13:51
Operator : CG/JU
Sample : N2931-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P009-SS004-0006-01

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-BP052822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP010649.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.446	394	401	411	rBV	1411237	2174112	25.27%	5.508%
2	7.040	661	672	686	rBV	1421375	2442639	28.39%	6.189%
3	7.863	802	812	819	rBV	311665	525252	6.10%	1.331%
4	9.022	999	1009	1021	rBV	845394	1538170	17.88%	3.897%
5	10.663	1279	1288	1300	rBV	447954	802769	9.33%	2.034%
6	13.116	1697	1705	1723	rBV	2210703	3455882	40.16%	8.756%
7	14.498	1933	1940	1951	rBV	761123	1147427	13.34%	2.907%
8	15.992	2186	2194	2204	rBV	2321944	3485729	40.51%	8.832%
9	17.251	2401	2408	2414	rBV	995996	1462877	17.00%	3.706%
10	17.345	2421	2424	2435	rVB2	58986	98708	1.15%	0.250%
11	18.145	2554	2560	2568	rBV	459172	718861	8.35%	1.821%
12	18.369	2593	2598	2604	rBV	177139	266082	3.09%	0.674%
13	19.374	2765	2769	2783	rBV	561389	909858	10.57%	2.305%
14	19.810	2838	2843	2849	rBV	5157369	6066007	70.50%	15.369%
15	20.592	2973	2976	2981	rVB4	80311	97964	1.14%	0.248%
16	21.051	3050	3054	3062	rBV	877430	1097638	12.76%	2.781%
17	21.245	3084	3087	3091	rBV	435704	428495	4.98%	1.086%
18	21.339	3098	3103	3112	rBV	1552614	2064112	23.99%	5.230%
19	21.457	3117	3123	3139	rBV	5799445	8604424	100.00%	21.800%
20	23.751	3507	3513	3523	rVB	1067709	2082213	24.20%	5.276%

Sum of corrected areas: 39469219

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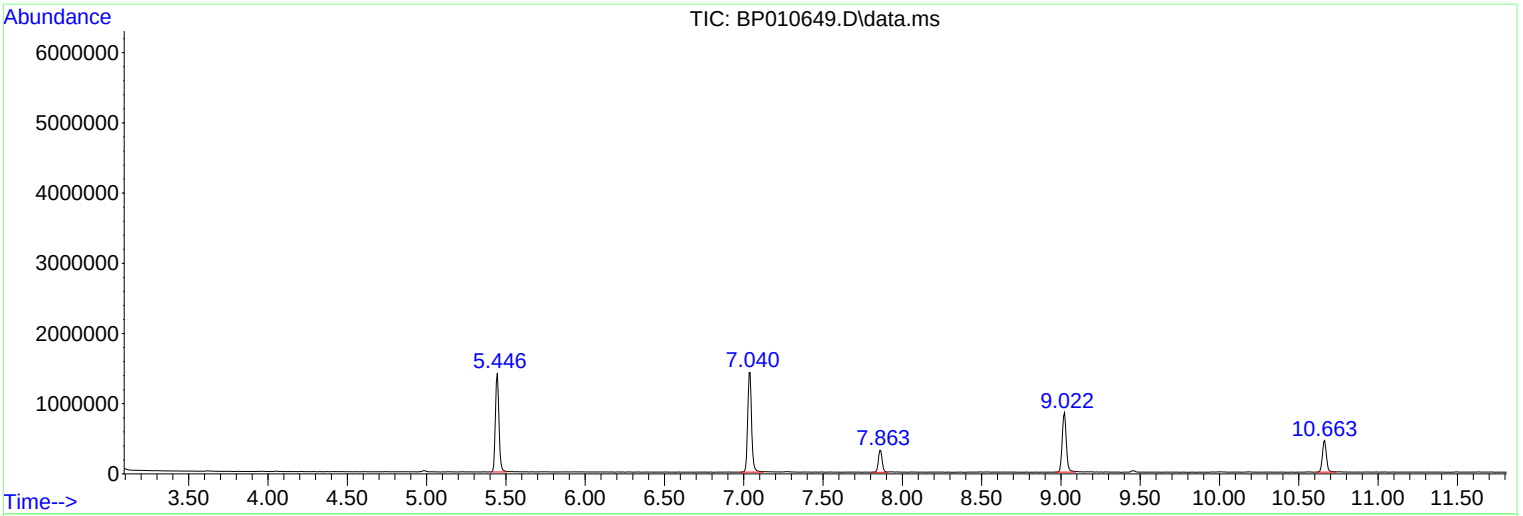
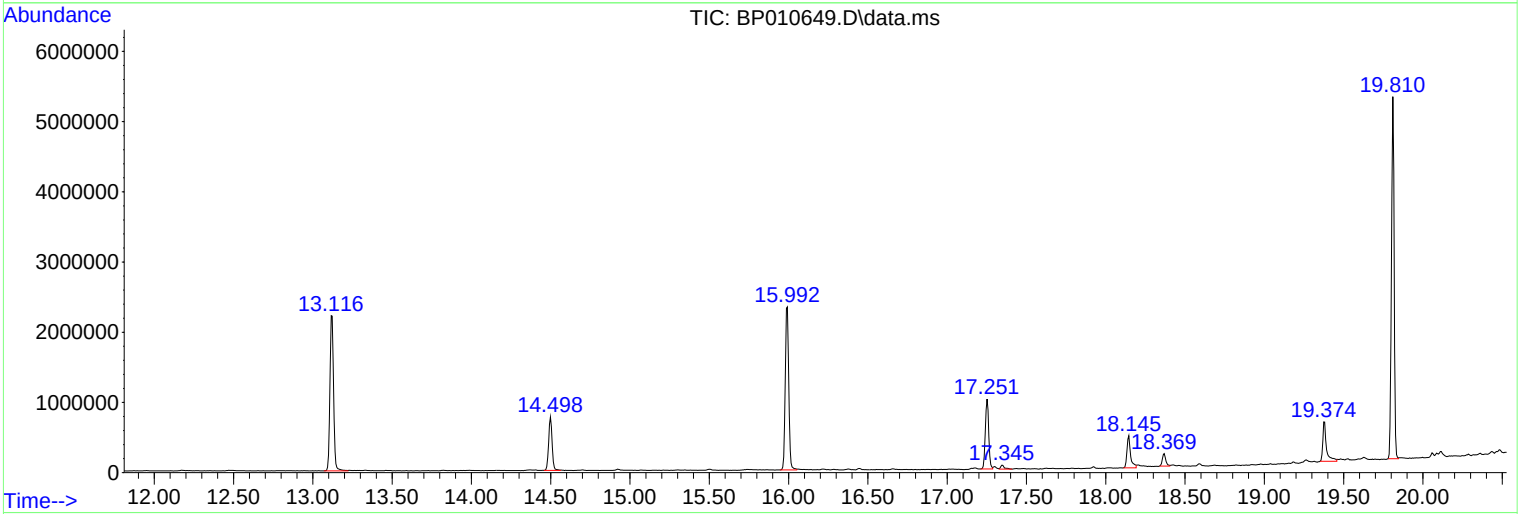
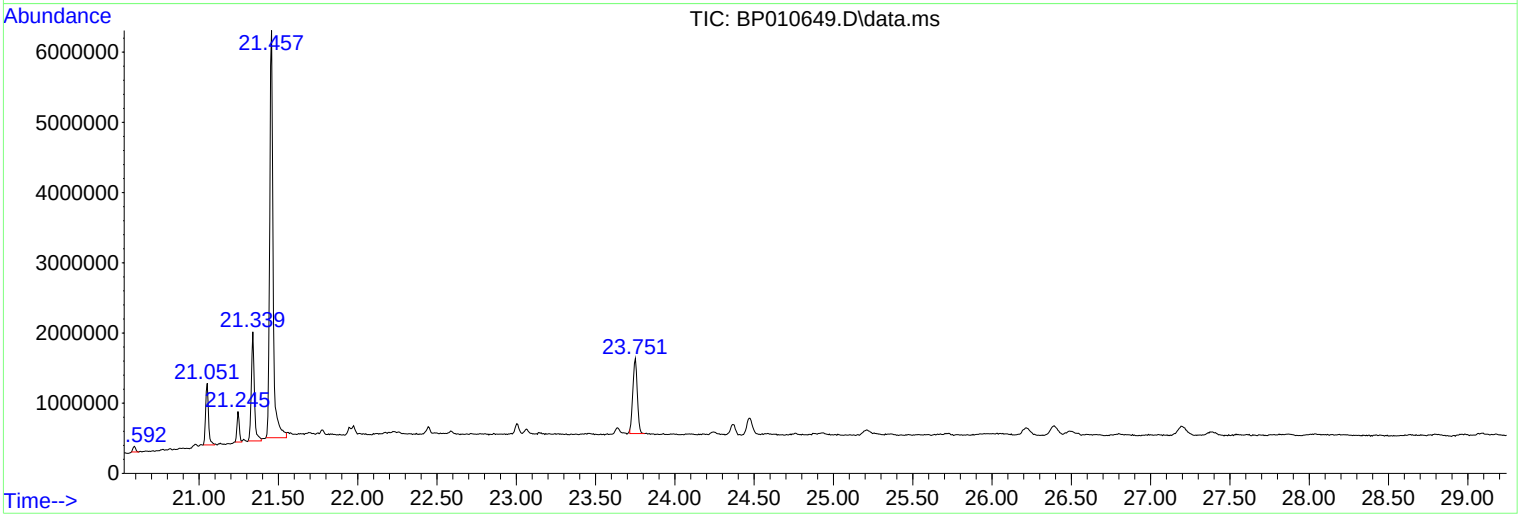
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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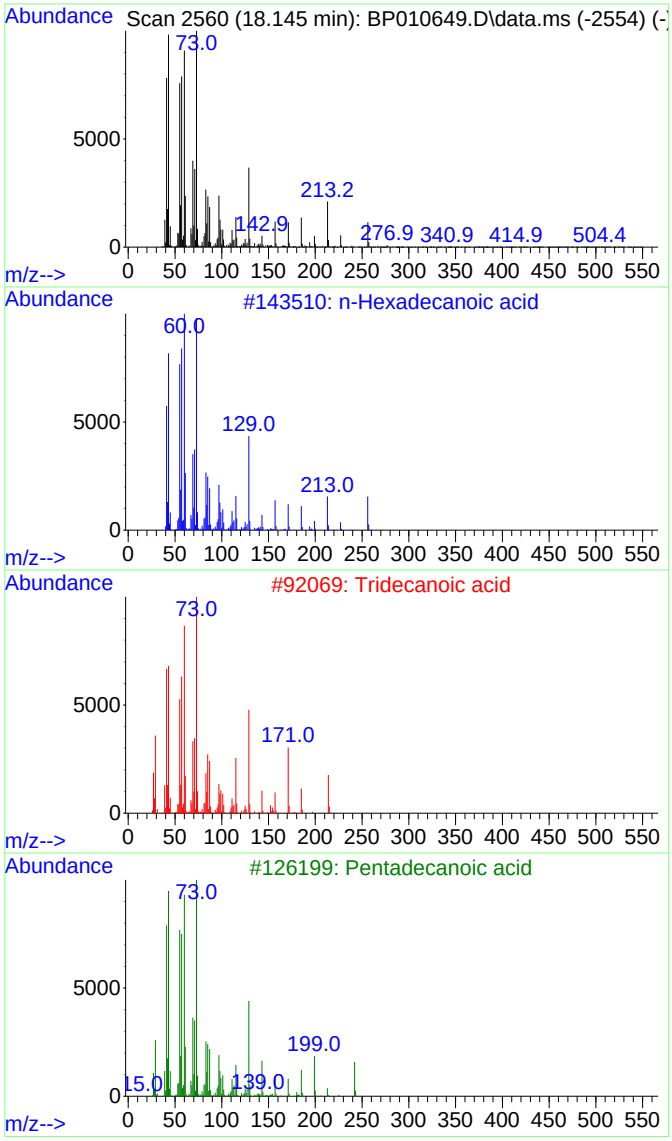
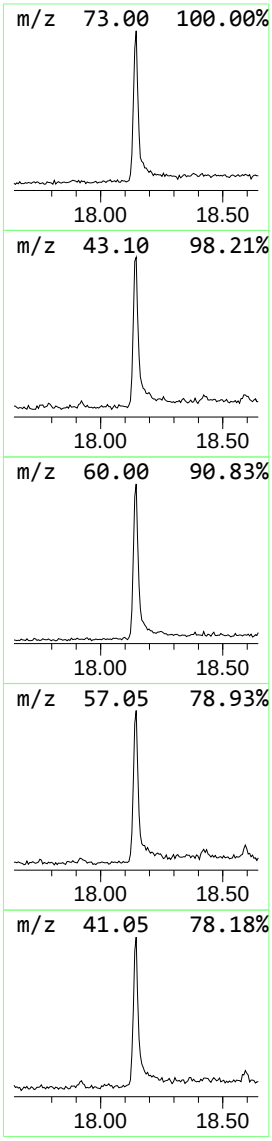
Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.145	9.83 ng	718861	Phenanthrene-d10	17.251

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	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	47





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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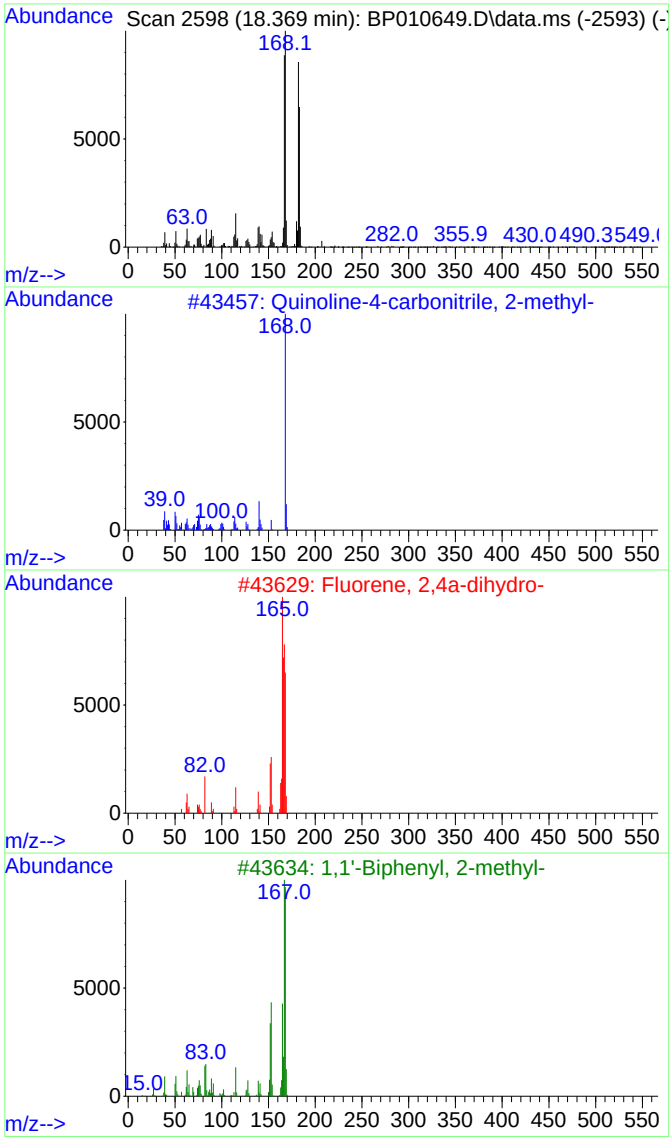
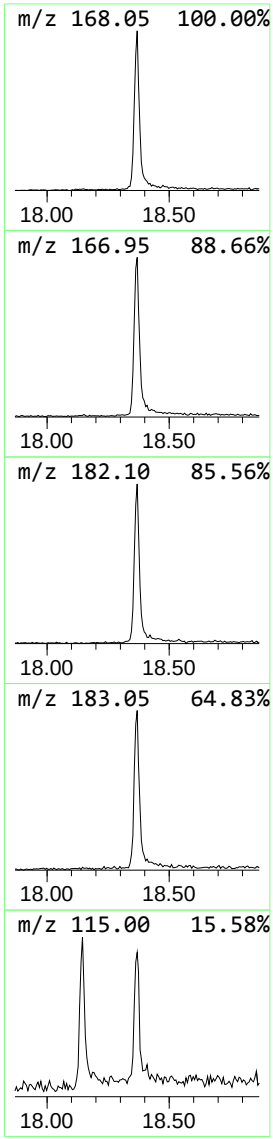
Peak Number 2 Quinoline-4-carbonitrile, 2... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.369	3.64 ng	266082	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline-4-carbonitrile, 2-methyl-	168	C11H8N2	1000317-19-2	60
2	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	50
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	45
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	45
5	Diphenylmethane	168	C13H12	000101-81-5	43





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BNA_P
ClientSampleId :
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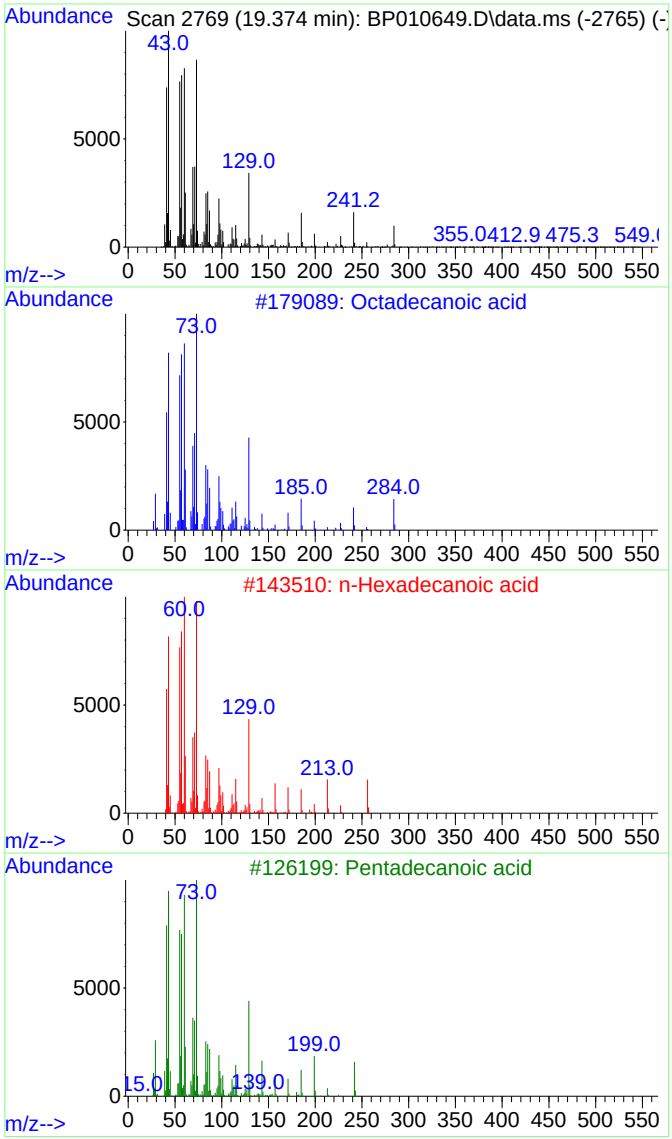
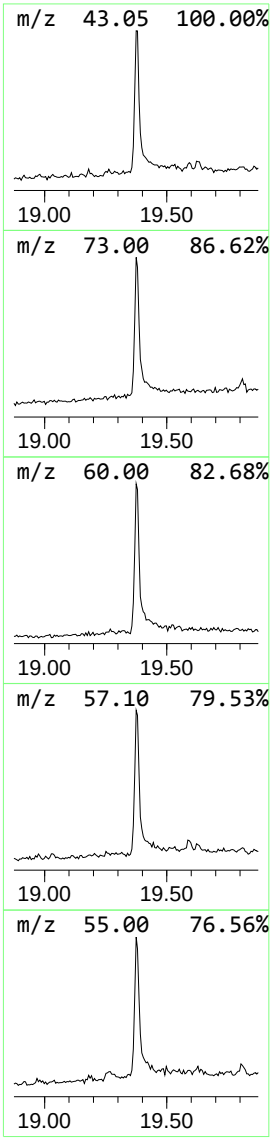
Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.375	8.82 ng	909858	Chrysene-d12	21.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





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BNA_P
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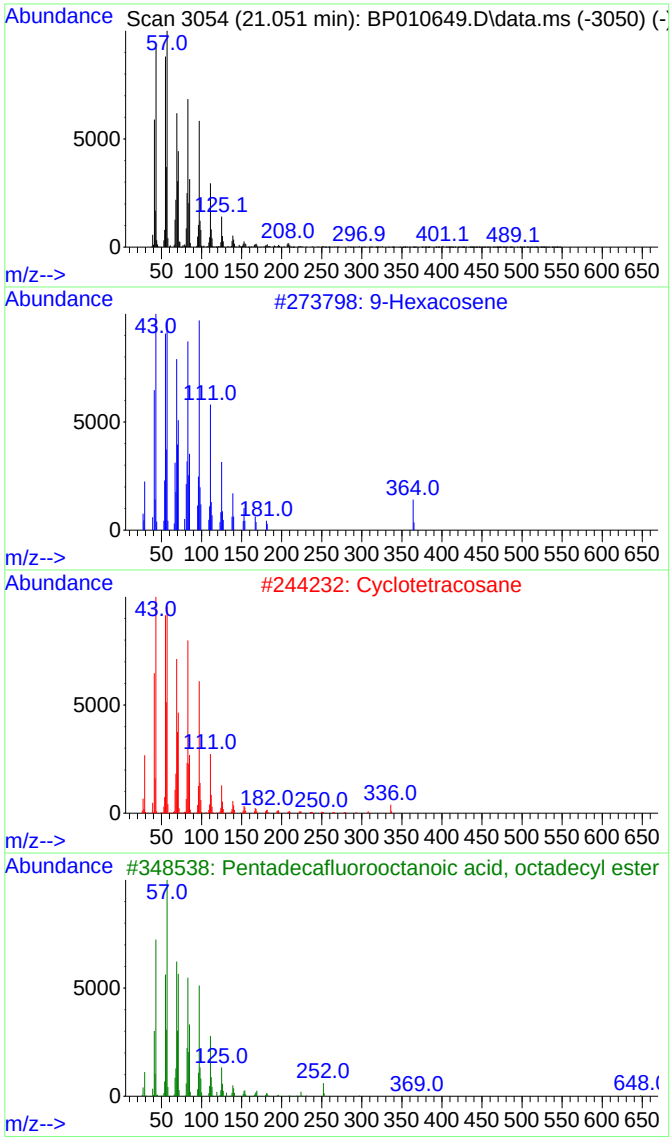
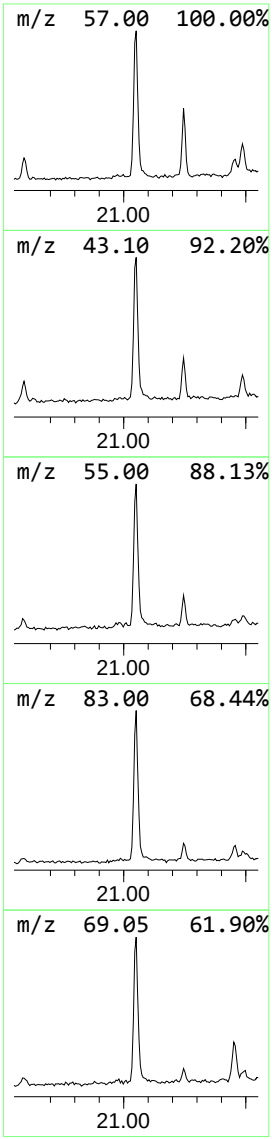
Peak Number 4 9-Hexacosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	10.64 ng	1097640	Chrysene-d12	21.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexacosene	364	C26H52	071502-22-2	95
2	Cyclotetracosane	336	C24H48	000297-03-0	94
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94





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BNA_P
ClientSampleId :
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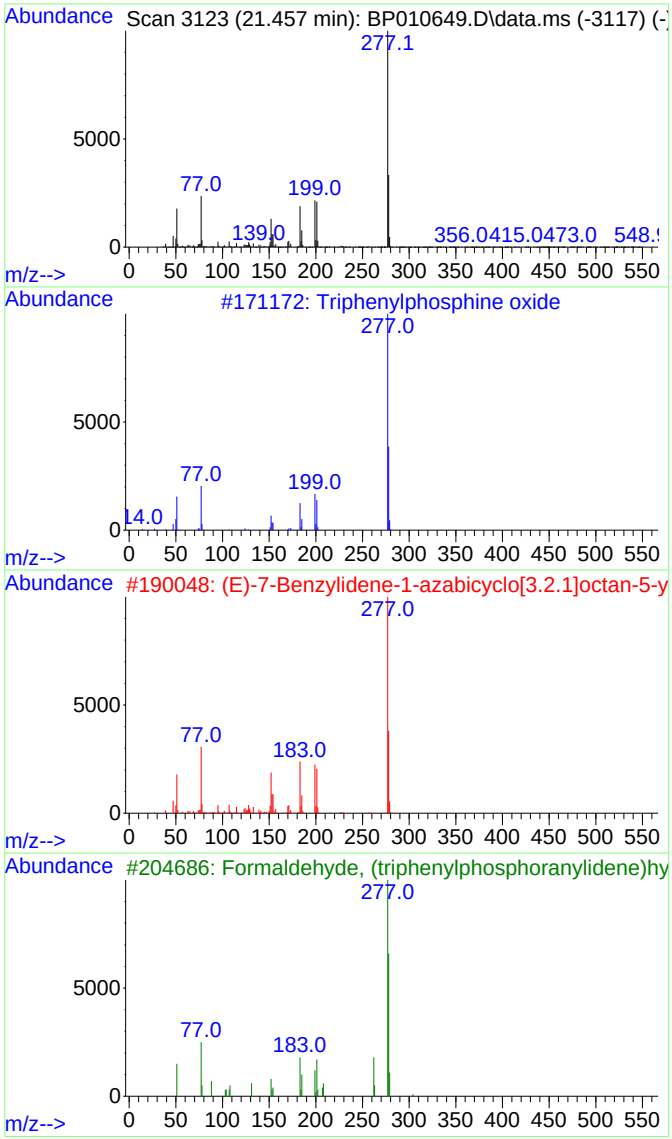
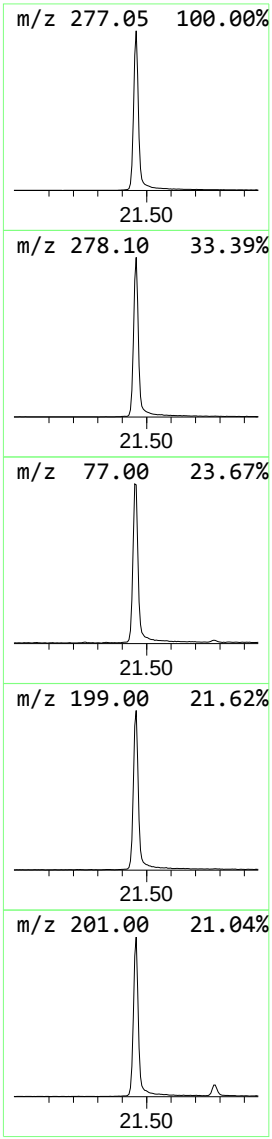
Peak Number 5 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.457	83.37 ng	8604420	Chrysene-d12	21.339

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	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	50
4	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	25
5	1H-Indole-3-acetic acid, 5-[(tri...	277	C14H19NO3Si	072101-35-0	23





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.145	9.8	ng	718861	4	17.251	1462880	20.0
Quinoline-4-car...	18.369	3.6	ng	266082	4	17.251	1462880	20.0
Octadecanoic acid	19.375	8.8	ng	909858	5	21.339	2064110	20.0
9-Hexacosene	21.051	10.6	ng	1097640	5	21.339	2064110	20.0
Triphenylphosph...	21.457	83.4	ng	8604420	5	21.339	2064110	20.0