LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061825\
Data File : BP025001.D
Acq On : 18 Jun 2025 19:34
Operator : RC/JU
Sample : Q2341-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EP-3

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-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025001.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.772	305	312	324	rBV	196493	318040	3.73%	0.629%
2	5.237	385	391	420	rBV	2007129	3616922	42.41%	7.156%
3	6.819	653	660	686	rBV	1768220	3697433	43.35%	7.315%
4	7.602	786	793	809	rBV	973061	1531591	17.96%	3.030%
5	8.760	983	990	1014	rBV	1113354	2400654	28.15%	4.750%
6	10.378	1256	1265	1271	rBV	1157216	2045236	23.98%	4.046%
7	12.860	1680	1687	1703	rBV	3282015	5491384	64.39%	10.864%
8	14.260	1918	1925	1932	rBV	1768149	2818185	33.04%	5.576%
9	15.642	2154	2160	2174	rBV	322673	565788	6.63%	1.119%
10	15.783	2177	2184	2208	rBV	2675055	4638919	54.39%	9.178%
11	16.319	2270	2275	2280	rBV2	66790	126522	1.48%	0.250%
12	17.060	2395	2401	2406	rBV	2365350	3354524	39.33%	6.637%
13	17.101	2406	2408	2416	rVB	224587	340282	3.99%	0.673%
14	17.995	2554	2560	2570	rBV3	317774	537524	6.30%	1.063%
15	19.195	2760	2764	2773	rBV	236640	297136	3.48%	0.588%
16	19.330	2783	2787	2792	rBV3	70392	103565	1.21%	0.205%
17	19.577	2824	2829	2839	rVB	216336	363703	4.26%	0.720%
18	19.783	2858	2864	2880	rBV	6417296	8528922	100.00%	16.874%
19	20.519	2987	2989	2995	rVB2	82485	100334	1.18%	0.199%
20	21.154	3093	3097	3108	rVB2	304558	447109	5.24%	0.885%
21	21.489	3149	3154	3175	rVB	2375262	4219468	49.47%	8.348%
22	21.654	3177	3182	3188	rBV	331628	619591	7.26%	1.226%
23	24.771	3702	3712	3734	rVB	1371079	4381648	51.37%	8.669%

Sum of corrected areas: 50544480

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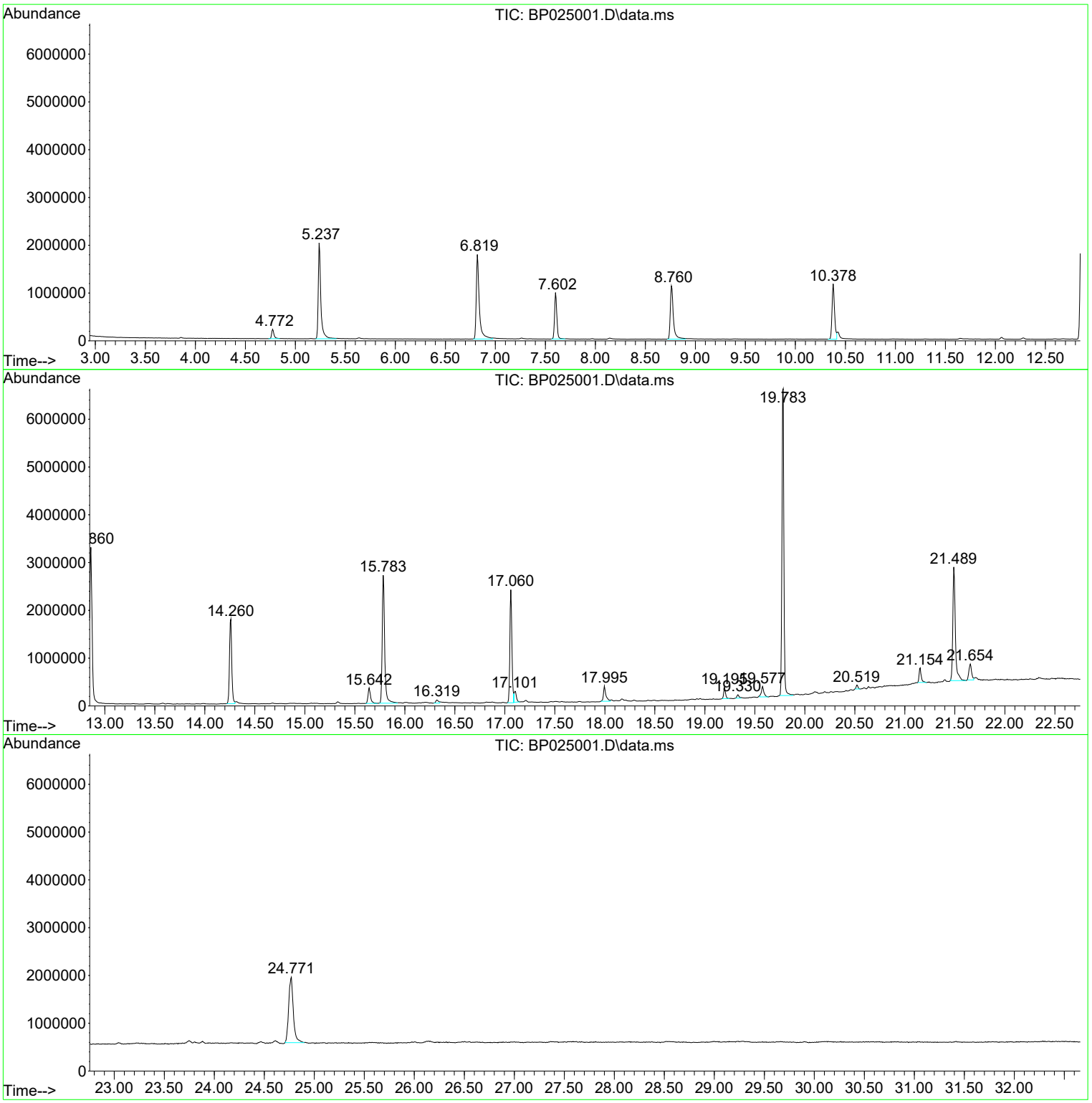
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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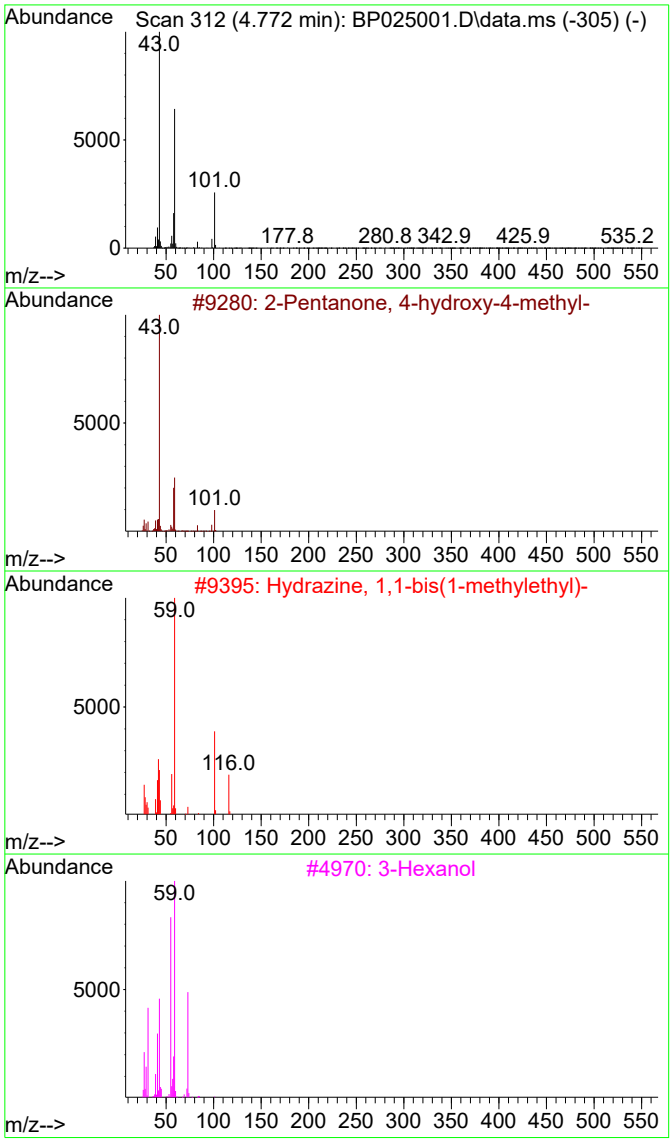
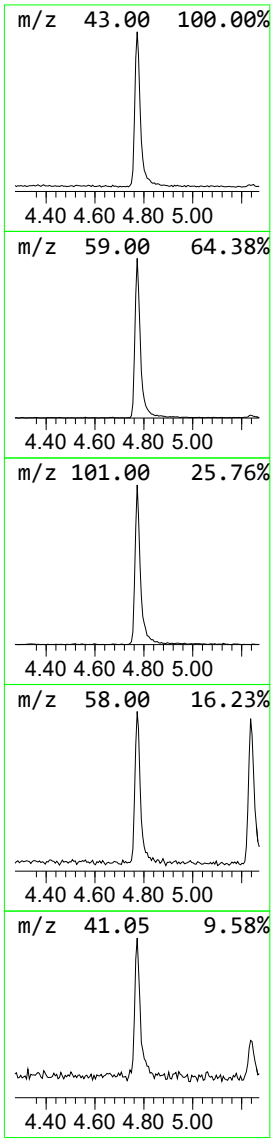
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.772	4.15 ng	318040	1,4-Dichlorobenzene-d4	7.602

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
3	3-Hexanol	102	C6H14O	000623-37-0	28
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





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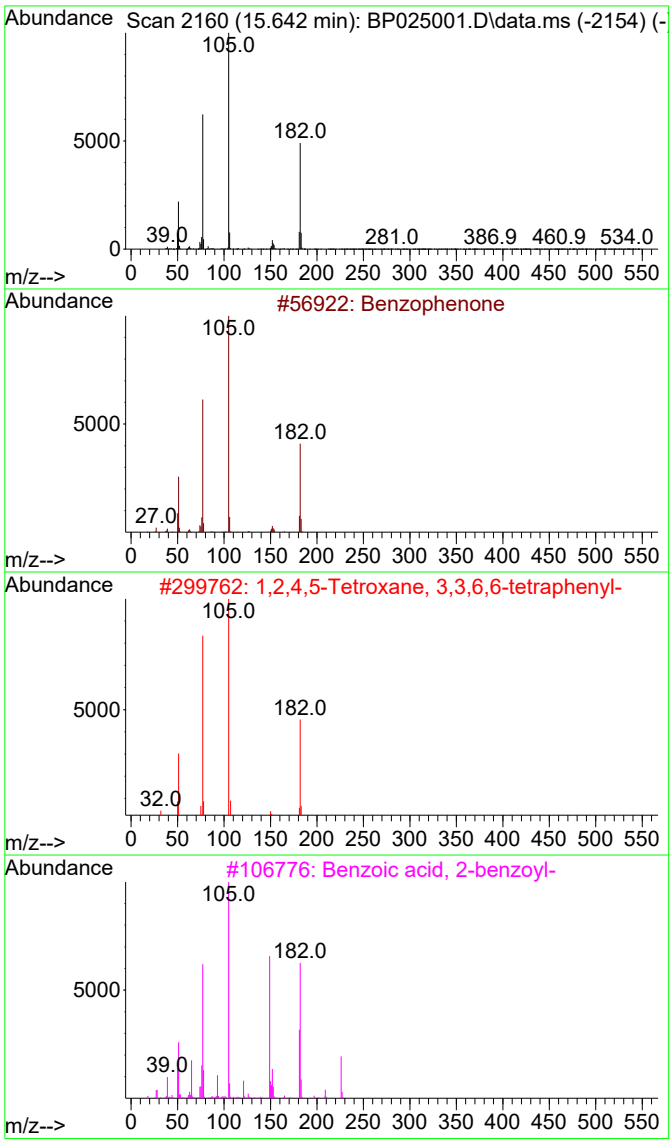
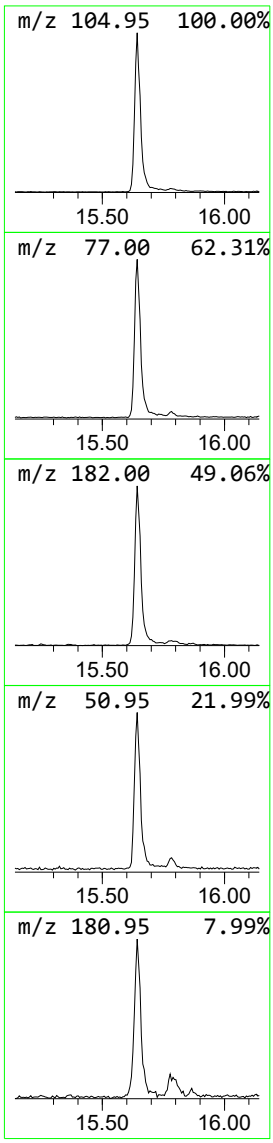
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.642	4.02 ng	565788	Acenaphthene-d10	14.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3	Benzoic acid, 2-benzoyl-	226	C14H10O3	000085-52-9	56
4	Azobenzene	182	C12H10N2	000103-33-3	53
5	Azobenzene, (E)-	182	C12H10N2	017082-12-1	53





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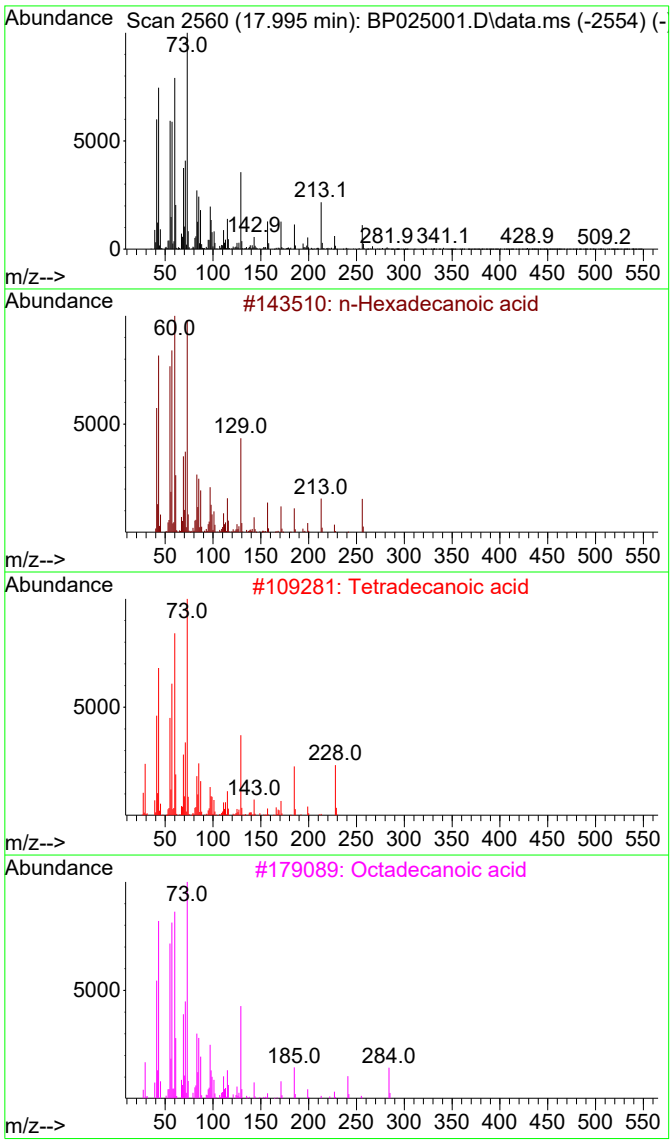
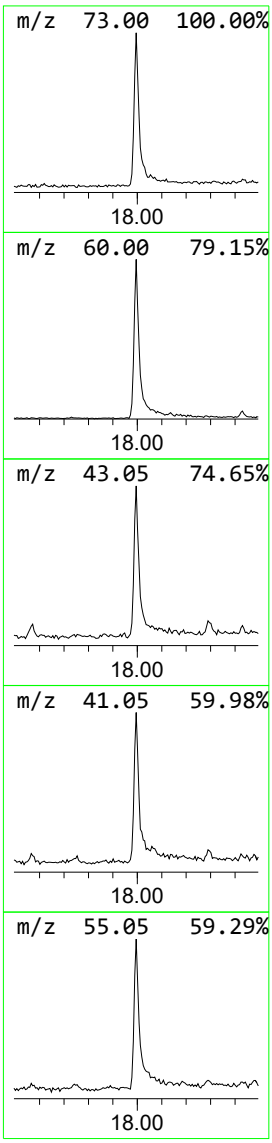
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.995	3.20 ng	537524	Phenanthrene-d10	17.060

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	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





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BNA_P
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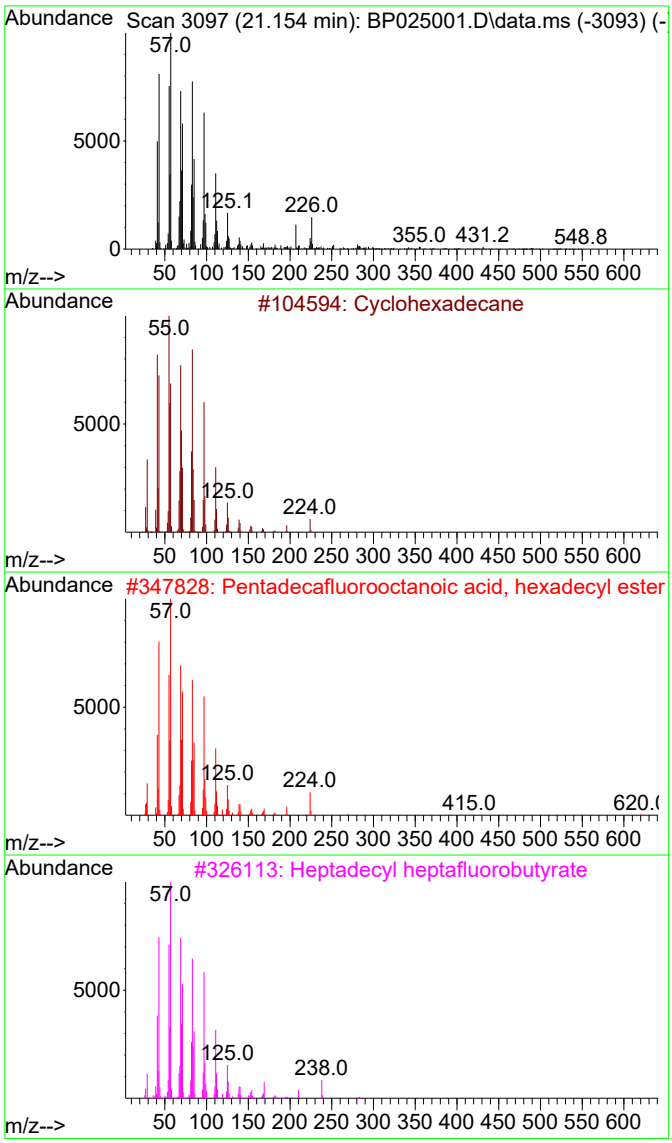
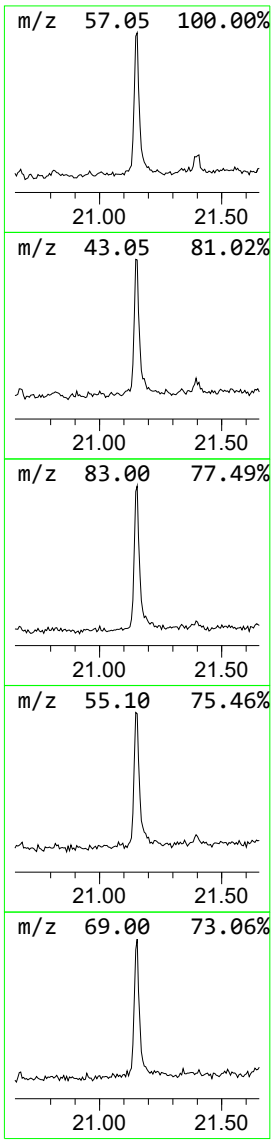
Peak Number 4 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.154	2.12 ng	447109	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	93
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
5	Octacosyl acetate	452	C30H60O2	018206-97-8	92





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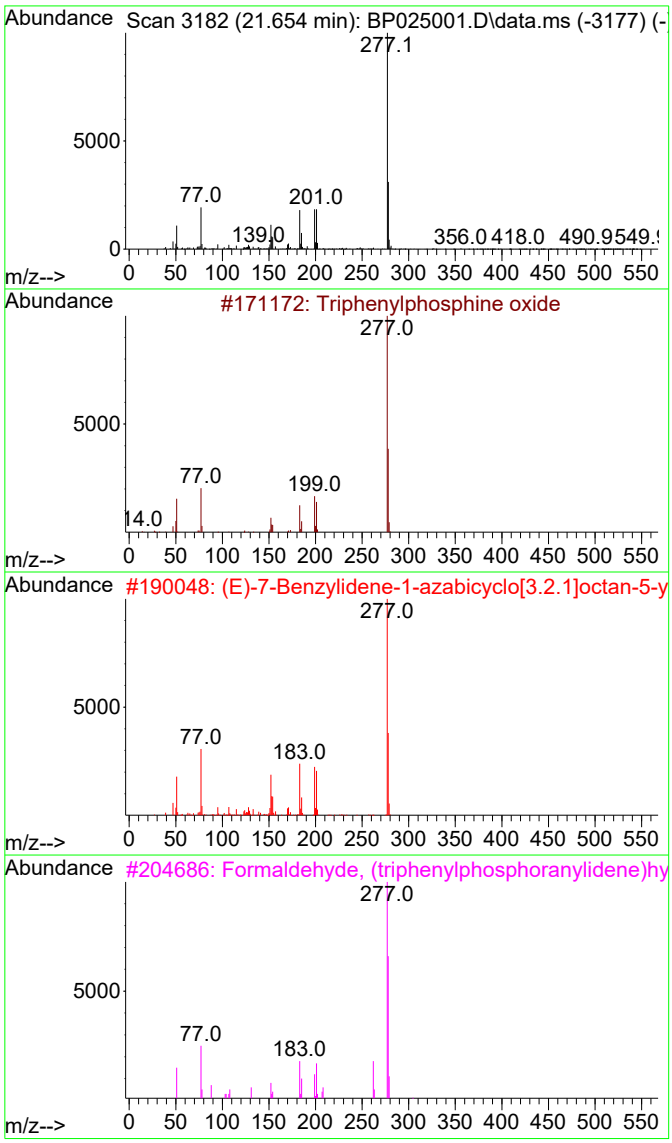
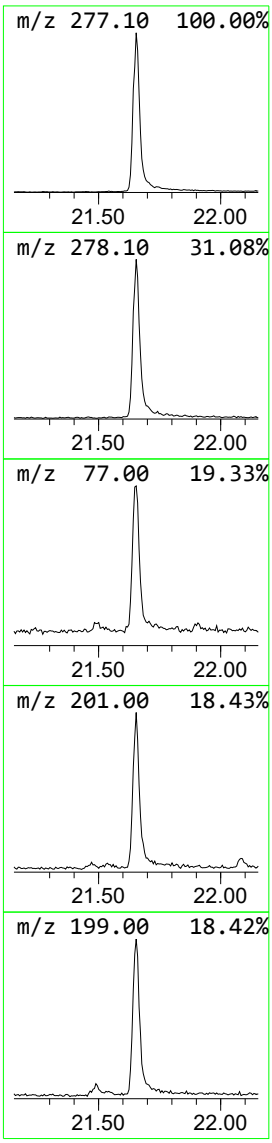
Peak Number 5 Triphenylphosphine oxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.654	2.94 ng	619591	Chrysene-d12	21.489

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	64
4	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	47
5	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	45





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.772	4.2	ng	318040	1	7.602	1531590	20.0
Benzophenone	15.642	4.0	ng	565788	3	14.260	2818190	20.0
n-Hexadecanoic ...	17.995	3.2	ng	537524	4	17.060	3354520	20.0
Cyclohexadecane	21.154	2.1	ng	447109	5	21.489	4219470	20.0
Triphenylphosph...	21.654	2.9	ng	619591	5	21.489	4219470	20.0