LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024518.D
Acq On : 02 May 2025 21:06
Operator : RC/JU
Sample : Q1932-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-7

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024518.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.875	299	304	316	rVB	150284	210962	3.16%	0.639%
2	5.334	375	382	395	rBV	1499424	2251055	33.75%	6.815%
3	6.898	641	648	664	rBV	1497766	2438969	36.56%	7.384%
4	7.710	779	786	794	rBV	564806	854086	12.80%	2.586%
5	8.857	973	981	996	rBV	899844	1494151	22.40%	4.524%
6	10.481	1244	1257	1273	rBV	719288	1190804	17.85%	3.605%
7	12.951	1670	1677	1698	rBV	2608999	3711138	55.63%	11.236%
8	14.339	1902	1913	1924	rBV	1012588	1605947	24.07%	4.862%
9	15.722	2143	2148	2158	rBV	291827	422702	6.34%	1.280%
10	15.857	2164	2171	2191	rBV	2215878	3564573	53.44%	10.792%
11	17.139	2382	2389	2399	rBV2	1194352	1949665	29.23%	5.903%
12	18.080	2544	2549	2558	rBV	310914	541876	8.12%	1.641%
13	19.410	2771	2775	2784	rBV2	116729	208923	3.13%	0.633%
14	19.868	2847	2853	2860	rBV	5185282	6670702	100.00%	20.196%
15	21.257	3085	3089	3099	rVB	147015	279300	4.19%	0.846%
16	21.586	3139	3145	3159	rVB2	1557225	2544126	38.14%	7.702%
17	21.751	3169	3173	3183	rVB	236451	390600	5.86%	1.183%
18	24.939	3706	3715	3730	rVB	965956	2700794	40.49%	8.177%

Sum of corrected areas: 33030373

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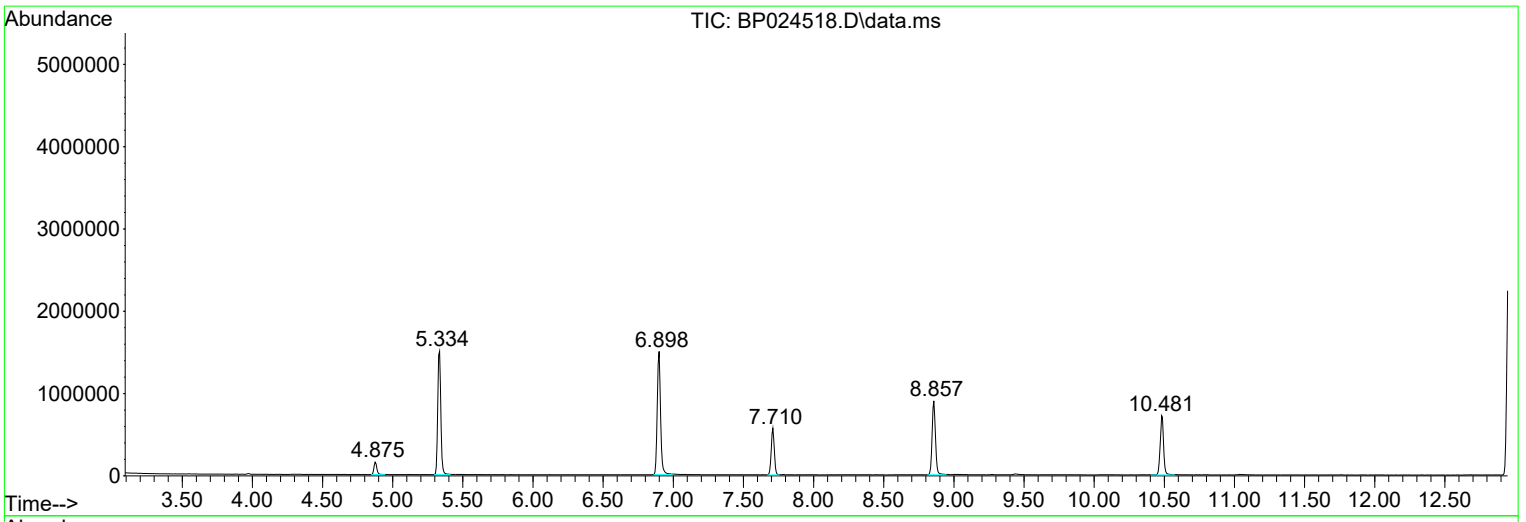
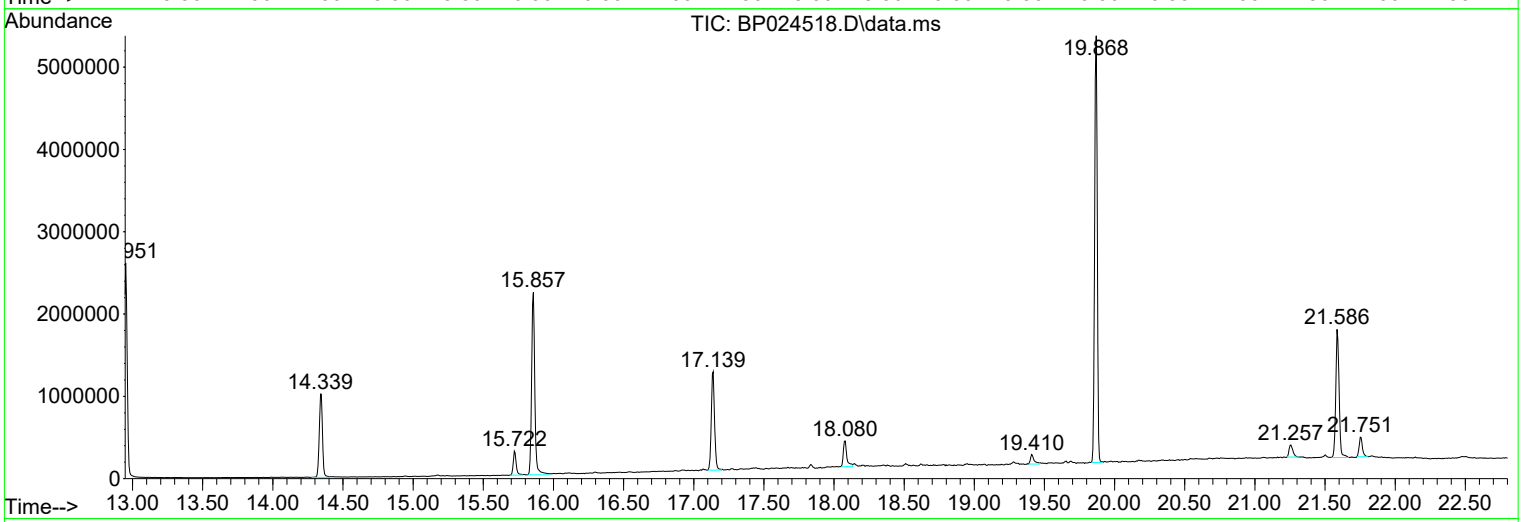
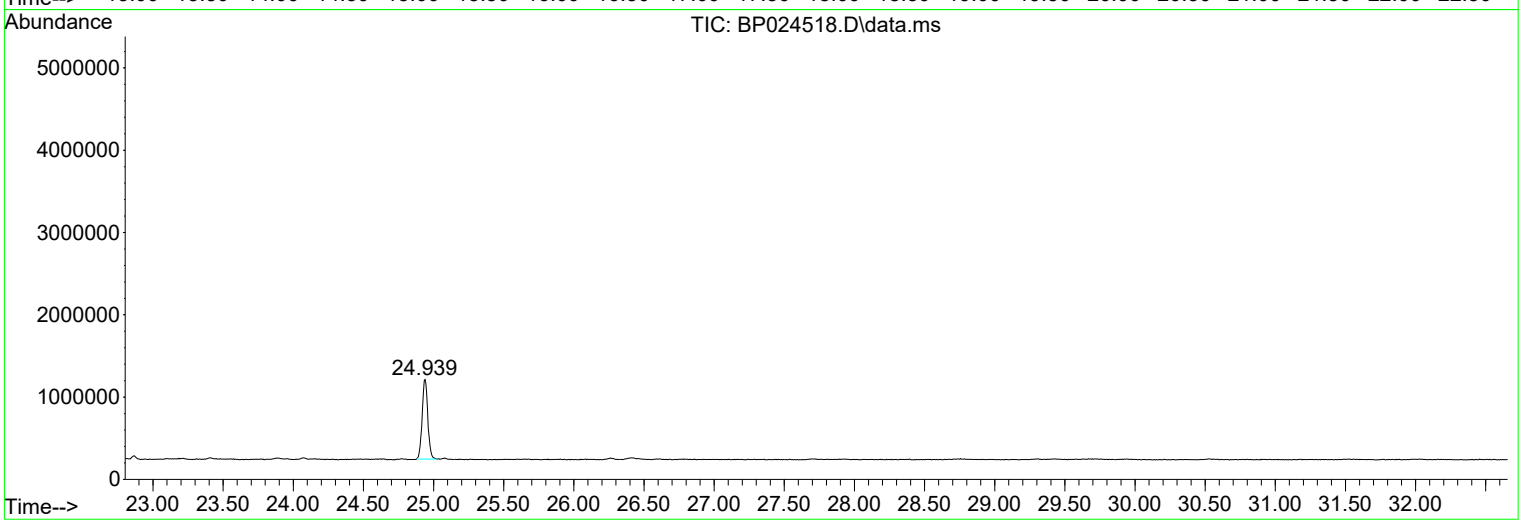
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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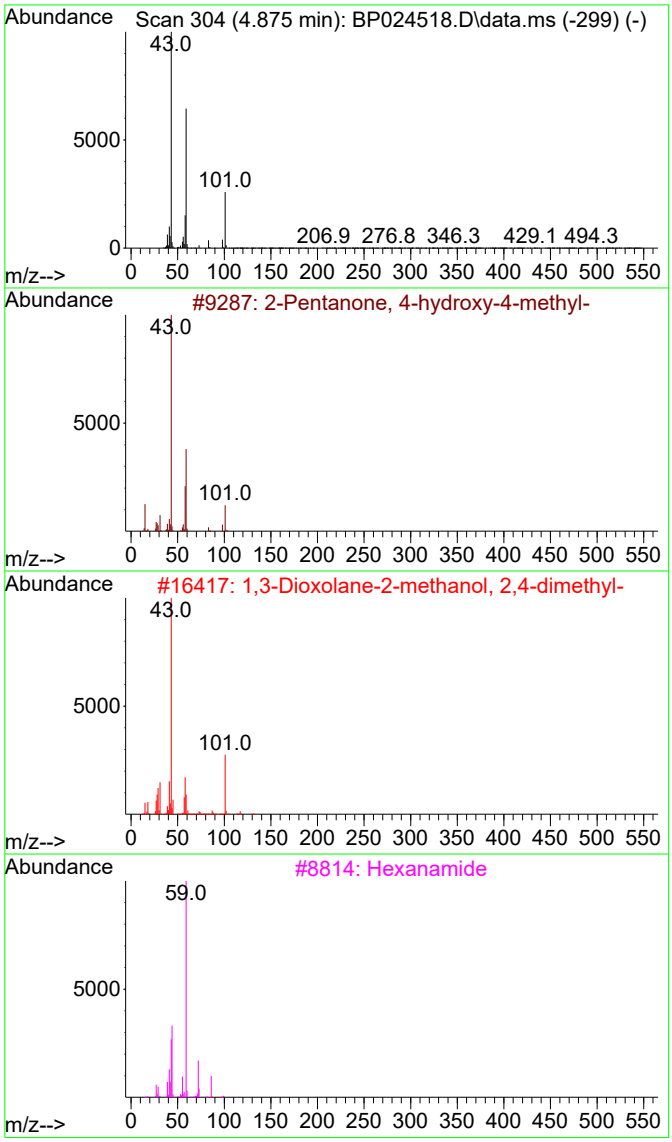
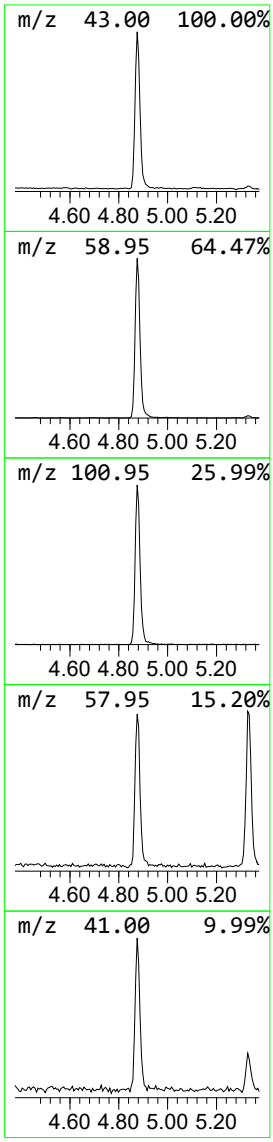
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.875	4.94 ng	210962	1,4-Dichlorobenzene-d4	7.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
3	Hexanamide	115	C6H13NO	000628-02-4	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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TIC Library : C:\Database\NIST20.L
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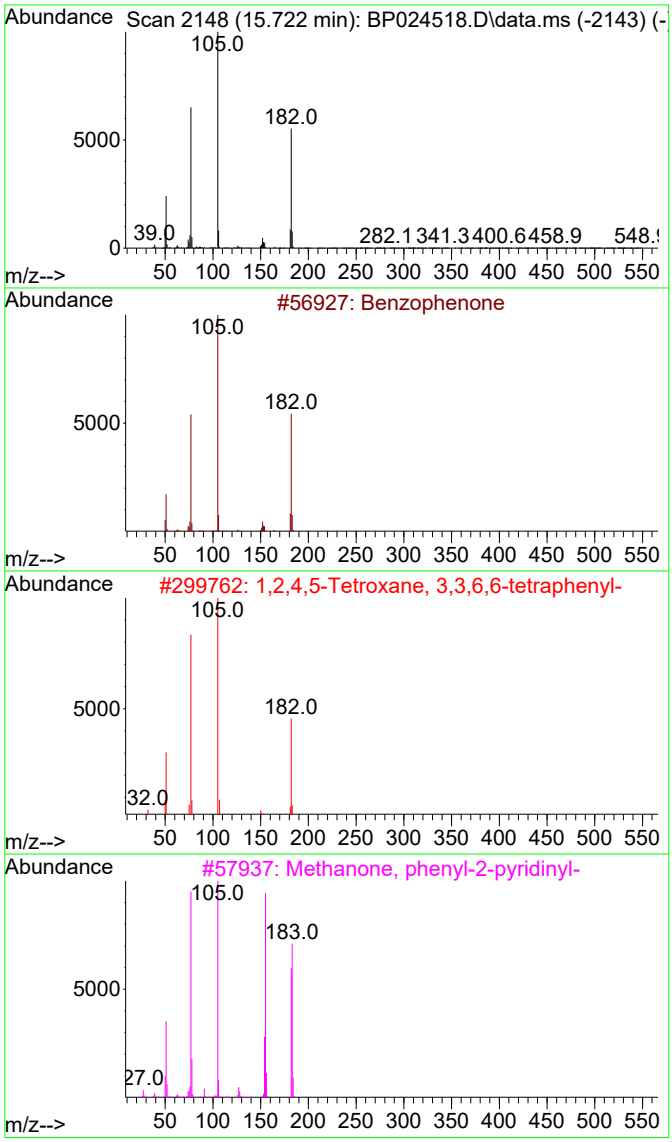
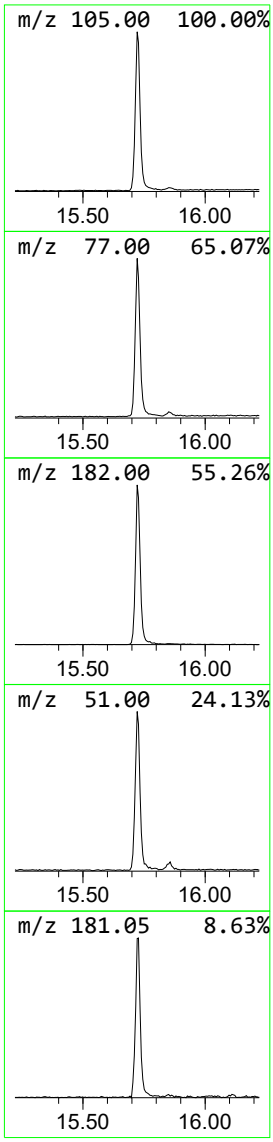
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.722	5.26 ng	422702	Acenaphthene-d10	14.345

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	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
4	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	50
5	Azobenzene	182	C12H10N2	000103-33-3	50





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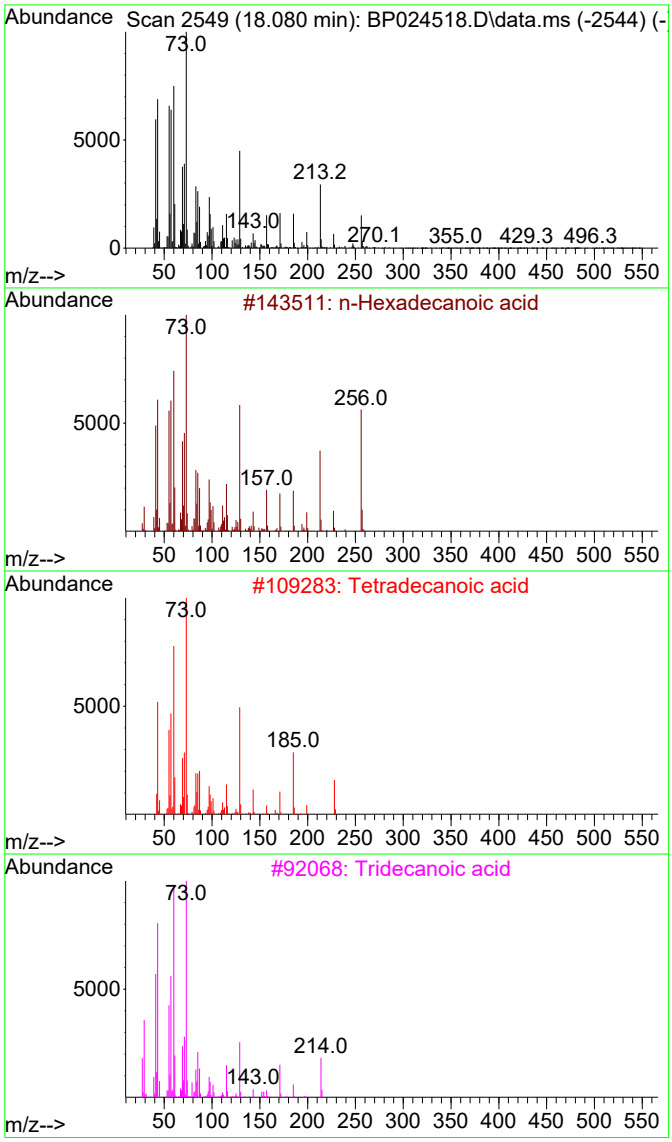
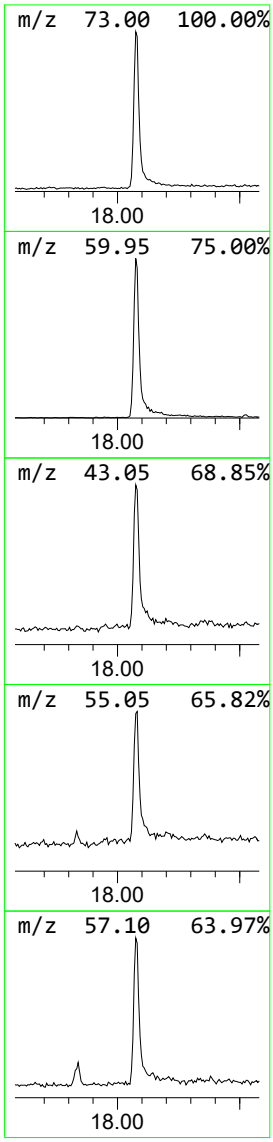
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.080	5.56 ng	541876	Phenanthrene-d10	17.139

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	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





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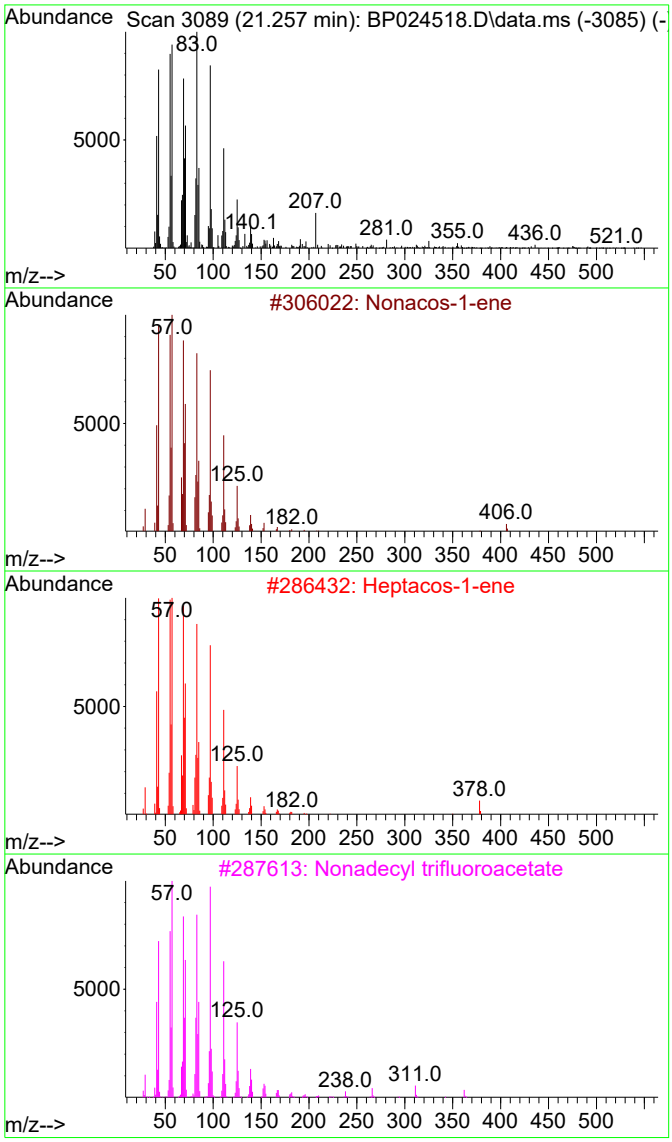
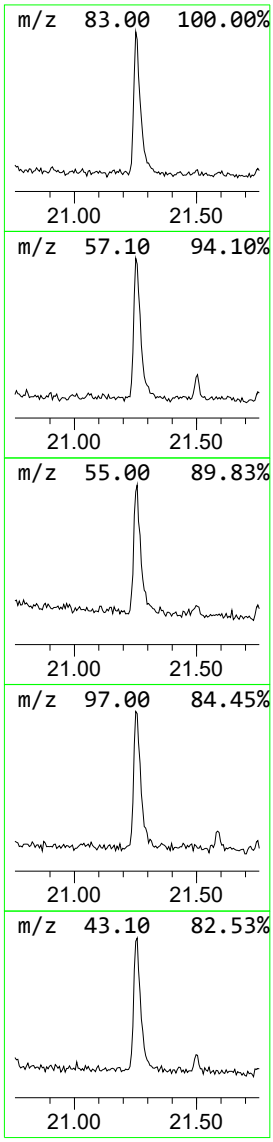
Peak Number 4 Nonacos-1-ene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.256	2.20 ng	279300	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacos-1-ene	406	C29H58	018835-35-3	94
2	Heptacos-1-ene	378	C27H54	015306-27-1	94
3	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	94
4	1-Tricosene	322	C23H46	018835-32-0	94
5	13-Methyl-Z-14-nonacosene	420	C30H60	1010131-19-0	92





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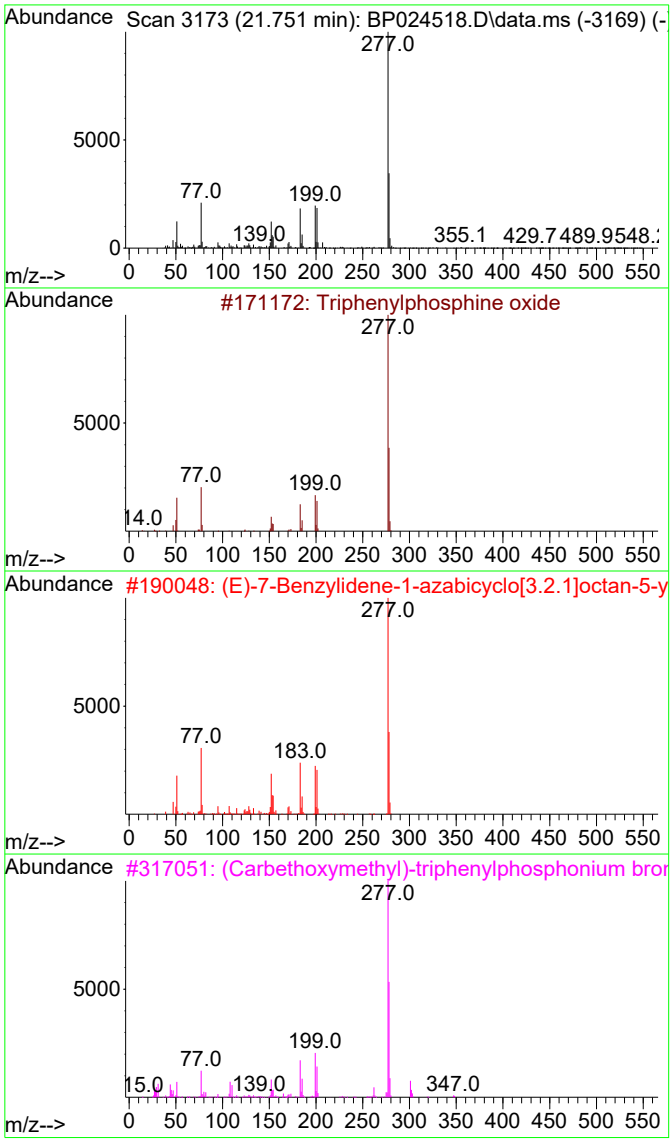
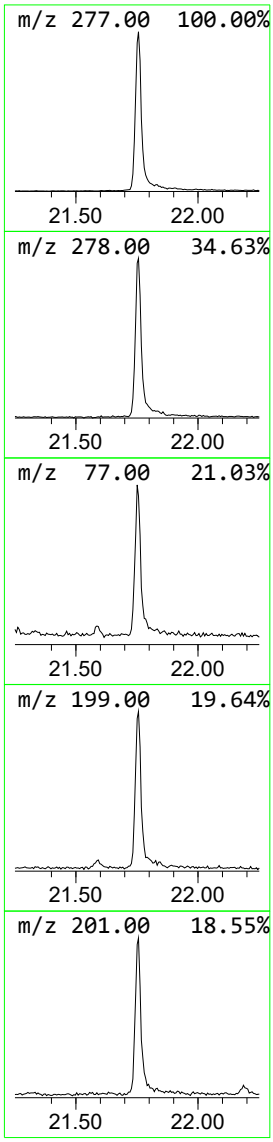
Peak Number 5 Triphenylphosphine oxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.751	3.07 ng	390600	Chrysene-d12	21.586

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	91
3	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	38
4	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	37
5	Quinoline, 8-methyl-2-(2-methyl-...	278	C17H14N2O2	1000259-06-9	9





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-...	4.875	4.9	ng	210962	1	7.710	854086	20.0
Benzophenone	15.722	5.3	ng	422702	3	14.345	1605950	20.0
n-Hexadecanoic ...	18.080	5.6	ng	541876	4	17.139	1949670	20.0
Nonacos-1-ene	21.256	2.2	ng	279300	5	21.586	2544130	20.0
Triphenylphosph...	21.751	3.1	ng	390600	5	21.586	2544130	20.0