LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024510.D
Acq On : 02 May 2025 15:38
Operator : RC/JU
Sample : Q1917-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-JJ

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: BP024510.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	298	304	316	rBV	118155	169596	3.75%	0.622%
2	5.328	375	381	396	rBV	1230757	1868066	41.29%	6.848%
3	6.899	640	648	667	rBV	1114952	1964764	43.42%	7.202%
4	7.705	777	785	793	rBV	518161	823092	18.19%	3.017%
5	8.857	973	981	996	rBV	688797	1211351	26.77%	4.440%
6	10.481	1249	1257	1270	rBV	690748	1119189	24.74%	4.103%
7	12.945	1669	1676	1692	rBV	1707586	2660005	58.79%	9.751%
8	14.339	1907	1913	1931	rBV	1001432	1493806	33.02%	5.476%
9	15.175	2048	2055	2064	rBV	33265	64375	1.42%	0.236%
10	15.728	2142	2149	2165	rBV	317724	447467	9.89%	1.640%
11	15.857	2165	2171	2191	rVV	1750170	2610757	57.70%	9.570%
12	17.145	2382	2390	2404	rBV2	1103801	1821027	40.25%	6.675%
13	17.275	2405	2412	2418	rVB8	21129	46586	1.03%	0.171%
14	17.839	2502	2508	2515	rBV2	119209	183949	4.07%	0.674%
15	18.080	2544	2549	2558	rBV	337649	530082	11.72%	1.943%
16	18.151	2558	2561	2569	rVB	52557	83486	1.85%	0.306%
17	18.522	2618	2624	2629	rBV2	105209	174447	3.86%	0.639%
18	19.410	2771	2775	2791	rBV	111433	208572	4.61%	0.765%
19	19.869	2847	2853	2859	rBV	3462988	4524534	100.00%	16.585%
20	21.263	3085	3090	3098	rVB3	102858	205880	4.55%	0.755%
21	21.592	3140	3146	3162	rBV2	1443658	2272423	50.22%	8.330%
22	21.763	3170	3175	3184	rBV	207930	392624	8.68%	1.439%
23	24.945	3708	3716	3732	rVB	917947	2404566	53.15%	8.814%

Sum of corrected areas: 27280644

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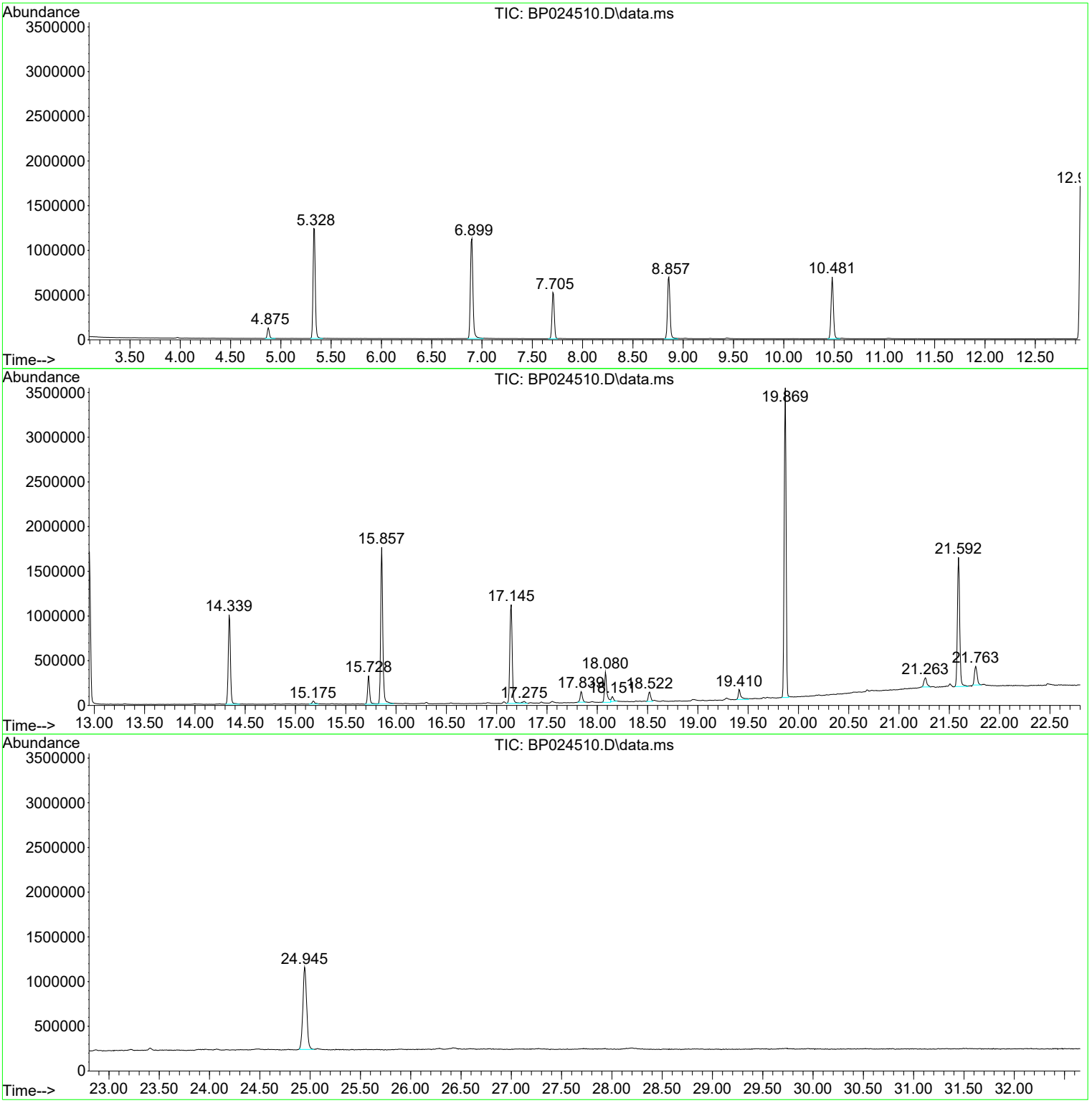
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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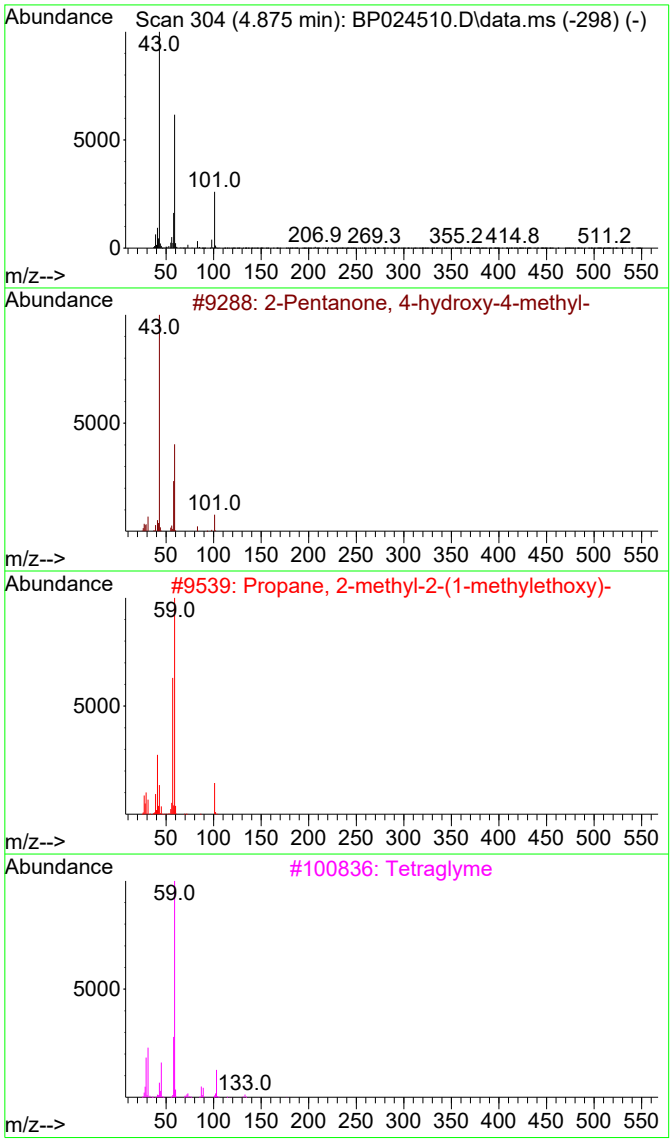
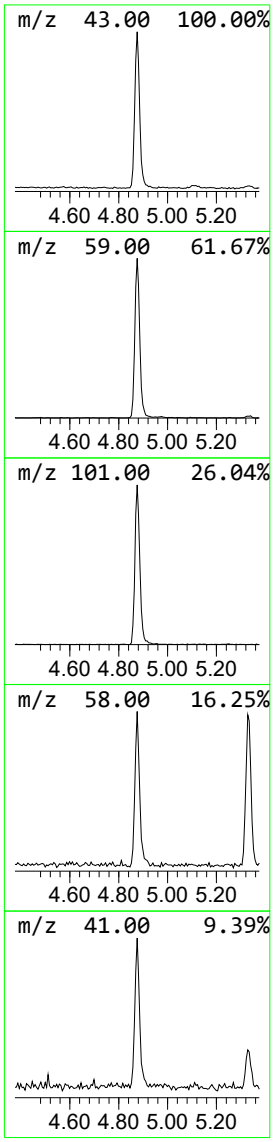
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.875	4.12 ng	169596	1,4-Dichlorobenzene-d4	7.705

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	50
3	Tetraglyme	222	C10H22O5	000143-24-8	25
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23





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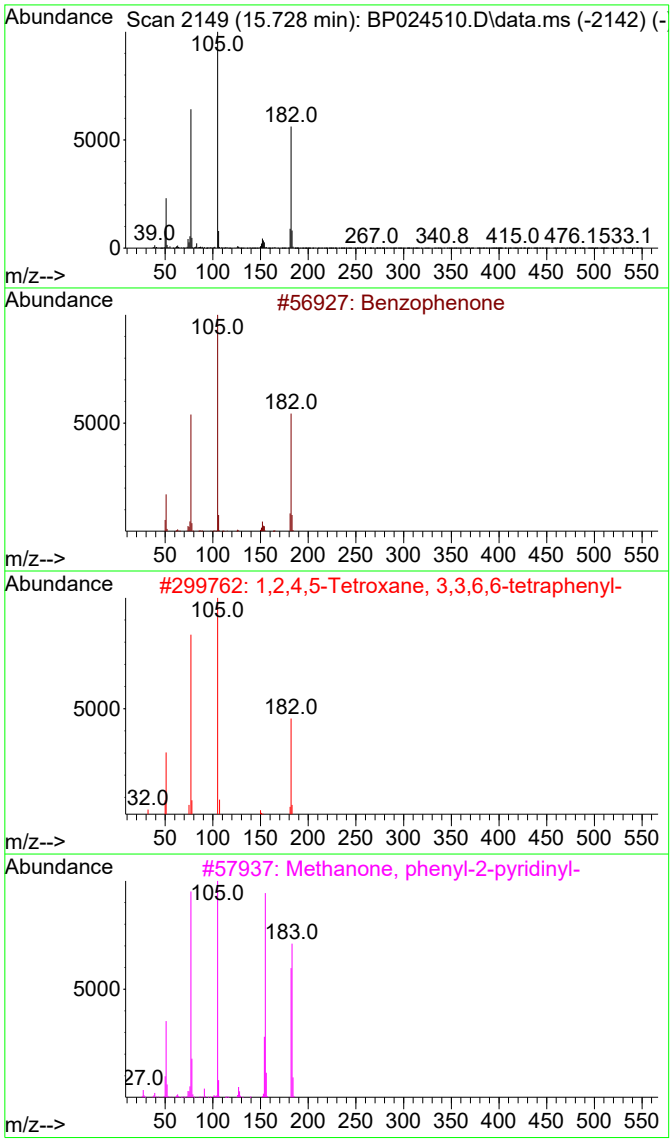
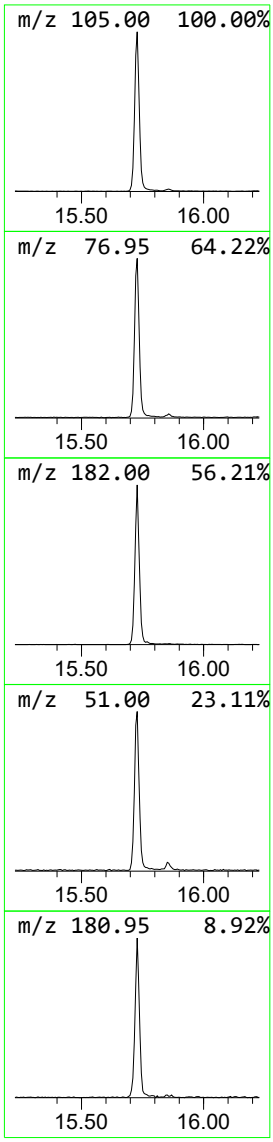
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.728	5.99 ng	447467	Acenaphthene-d10	14.339

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	50
4	Azobenzene	182	C12H10N2	000103-33-3	42
5	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42





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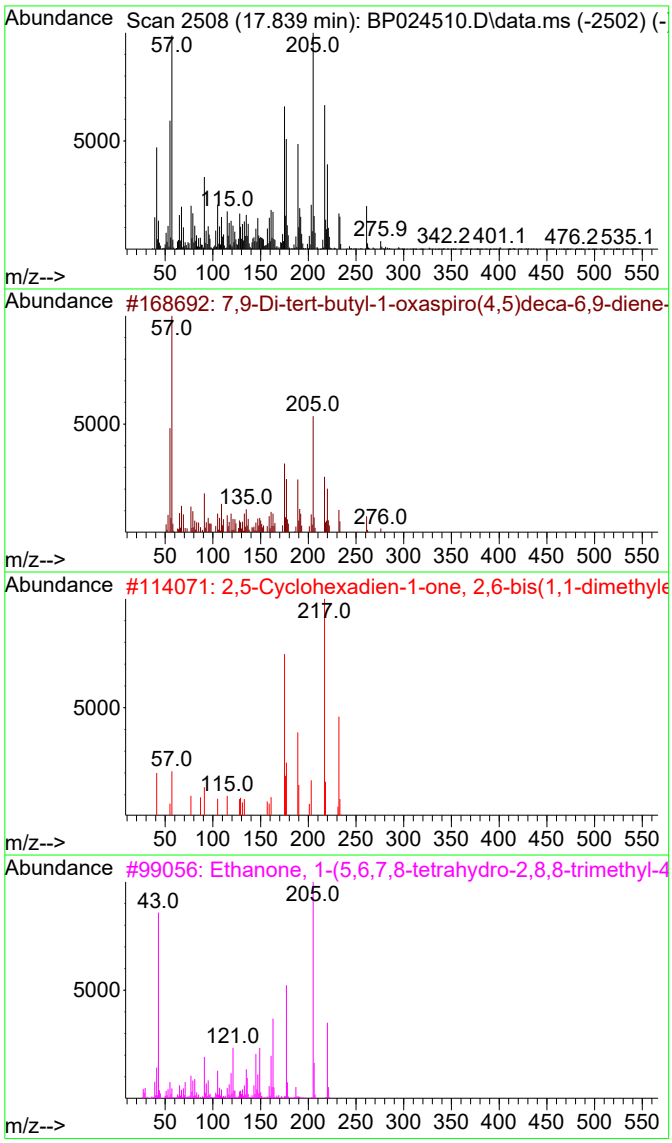
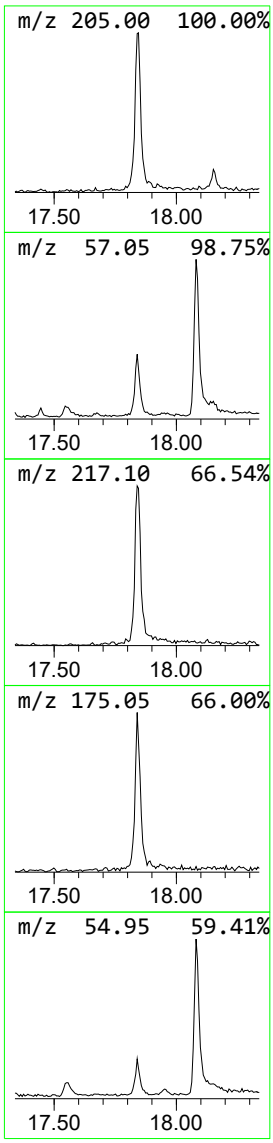
Peak Number 3 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.839	2.02 ng	183949	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	76
3	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50
4	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	49
5	1-(3-Amino-4,6-dimethylthieno[2,...	220	C11H12N2OS	052505-42-7	45





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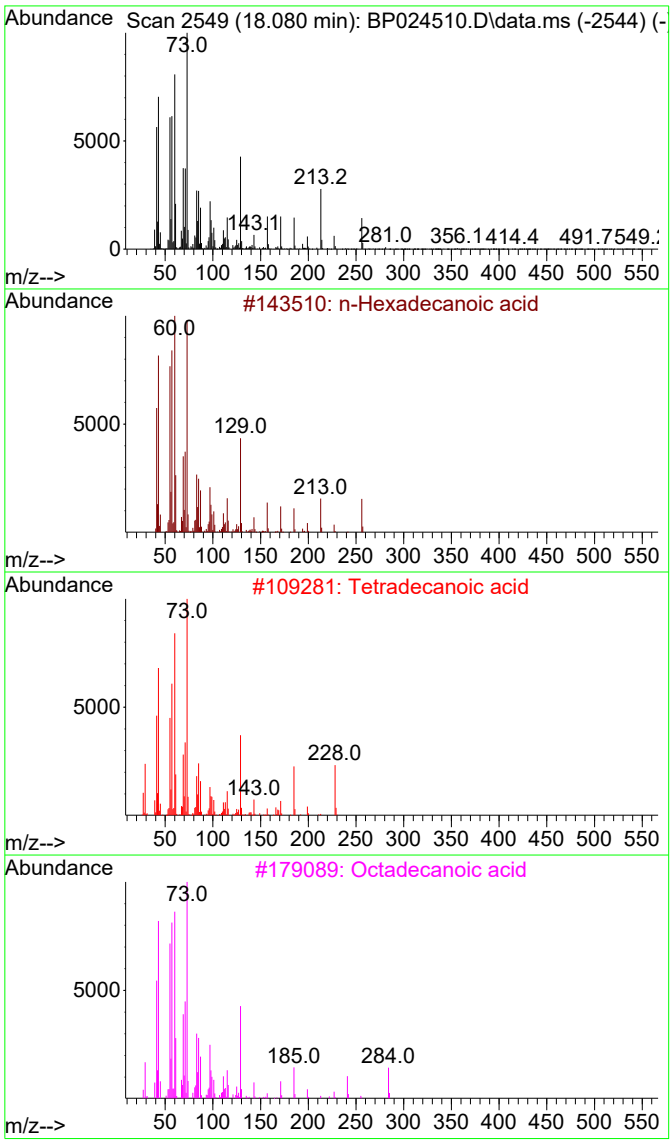
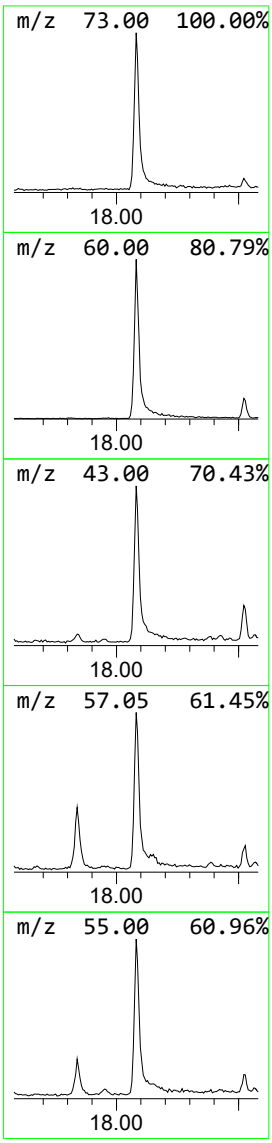
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.081	5.82 ng	530082	Phenanthrene-d10	17.145

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	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	80





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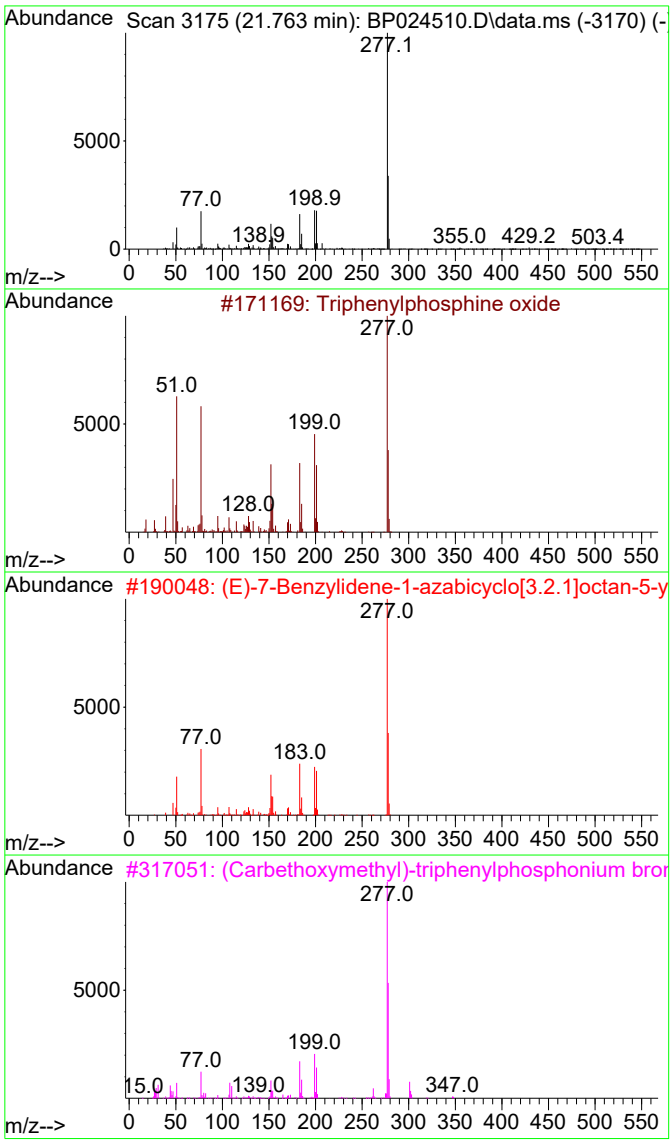
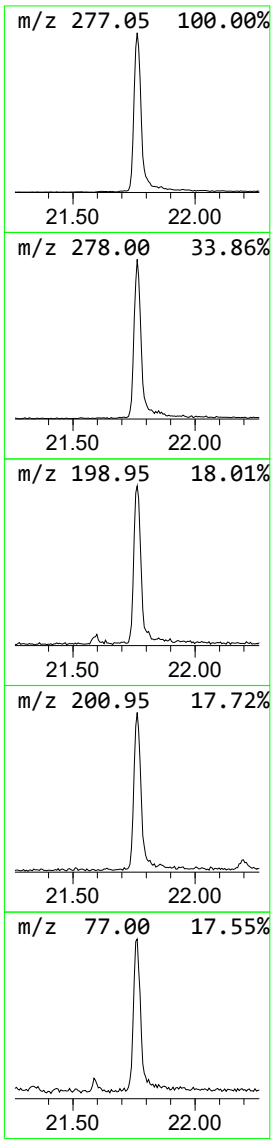
Peak Number 5 Triphenylphosphine oxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.763	3.46 ng	392624	Chrysene-d12	21.592

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	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	50
4	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	38
5	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	28





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	4.1	ng	169596	1	7.705	823092	20.0
Benzophenone	15.728	6.0	ng	447467	3	14.339	1493810	20.0
7,9-Di-tert-but...	17.839	2.0	ng	183949	4	17.145	1821030	20.0
n-Hexadecanoic ...	18.081	5.8	ng	530082	4	17.145	1821030	20.0
Triphenylphosph...	21.763	3.5	ng	392624	5	21.592	2272420	20.0