LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061025\
Data File : BP024894.D
Acq On : 10 Jun 2025 15:05
Operator : RC/JU
Sample : Q2176-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-65

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: BP024894.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.773	305	312	323	rBV	359134	522609	4.33%	0.764%
2	5.237	384	391	412	rBV	3967121	5884616	48.81%	8.602%
3	6.814	652	659	688	rBV	3690358	6350807	52.67%	9.284%
4	7.608	786	794	803	rBV	948570	1500345	12.44%	2.193%
5	8.761	982	990	1010	rBV	2352530	4024994	33.38%	5.884%
6	10.378	1257	1265	1279	rBV	1265747	2182547	18.10%	3.190%
7	12.849	1678	1685	1712	rBV	5463747	8626369	71.55%	12.610%
8	14.248	1916	1923	1939	rBV	1852300	2932616	24.32%	4.287%
9	15.096	2056	2067	2075	rBV	62765	137660	1.14%	0.201%
10	15.637	2153	2159	2165	rBV	1187932	1474020	12.23%	2.155%
11	15.766	2175	2181	2202	rBV	5733814	8157440	67.66%	11.925%
12	17.048	2393	2399	2406	rBV2	2241726	3449250	28.61%	5.042%
13	17.748	2513	2518	2530	rBV2	216475	347396	2.88%	0.508%
14	17.995	2554	2560	2568	rBV	759652	1243177	10.31%	1.817%
15	18.054	2568	2570	2582	rVB	79994	158228	1.31%	0.231%
16	18.437	2630	2635	2640	rBV3	133001	194964	1.62%	0.285%
17	19.189	2758	2763	2773	rBV	197705	350490	2.91%	0.512%
18	19.331	2783	2787	2794	rBV3	180853	335131	2.78%	0.490%
19	19.560	2823	2826	2831	rBV	156292	202872	1.68%	0.297%
20	19.783	2858	2864	2875	rBV	9787868	12057080	100.00%	17.625%
21	21.160	3094	3098	3107	rBV2	314631	596044	4.94%	0.871%
22	21.483	3148	3153	3159	rBV2	2271181	3706506	30.74%	5.418%
23	24.736	3700	3706	3719	rVB	1416725	3973423	32.96%	5.808%

Sum of corrected areas: 68408584

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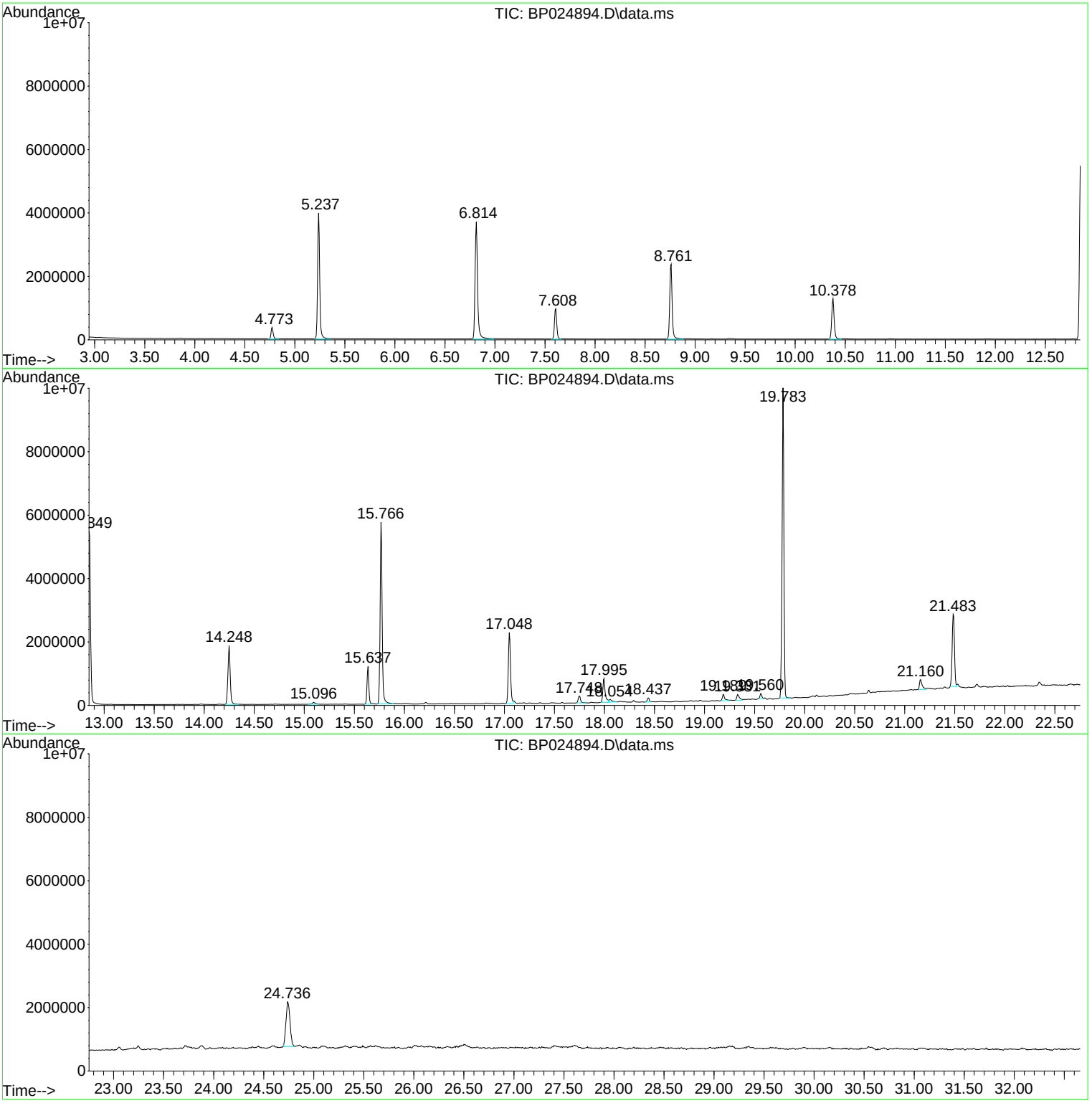
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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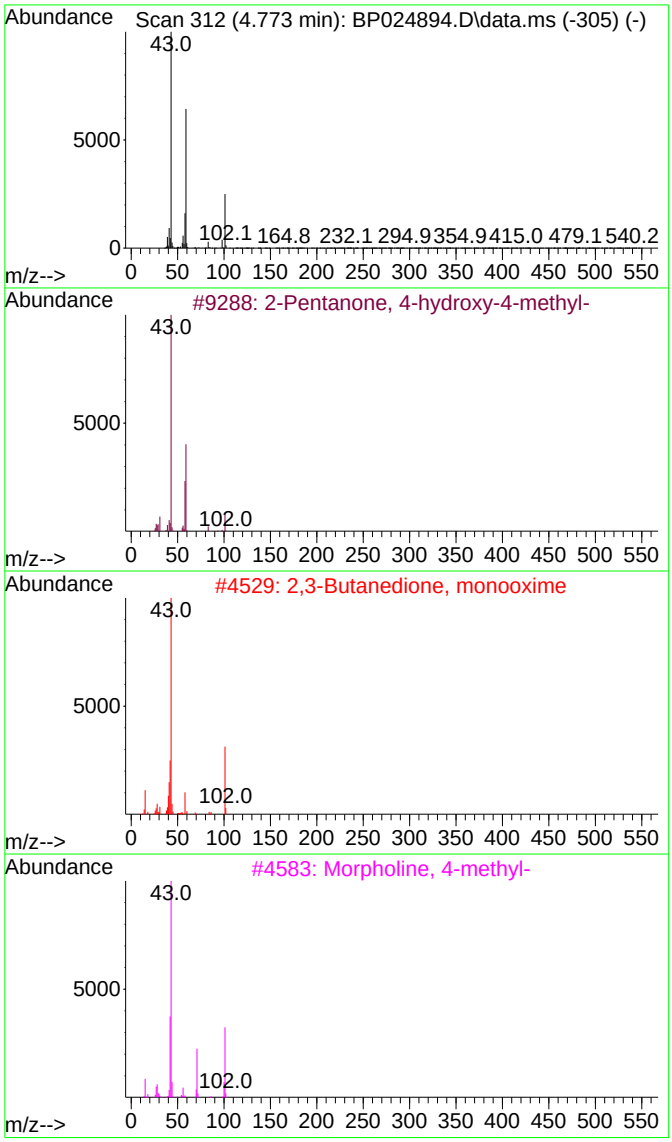
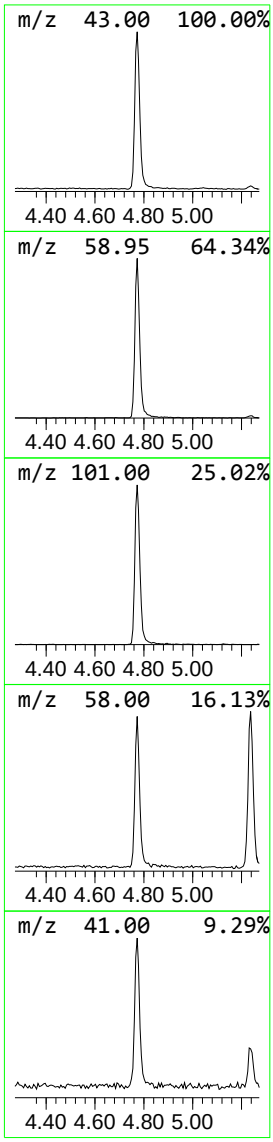
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.773	6.97 ng	522609	1,4-Dichlorobenzene-d4	7.608

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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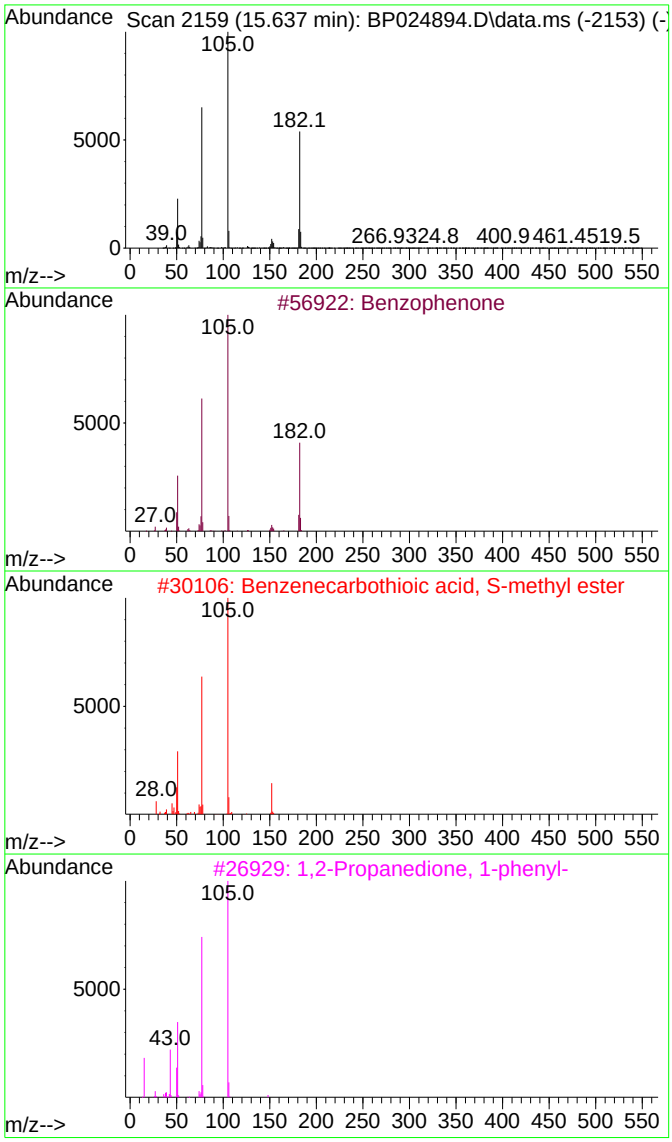
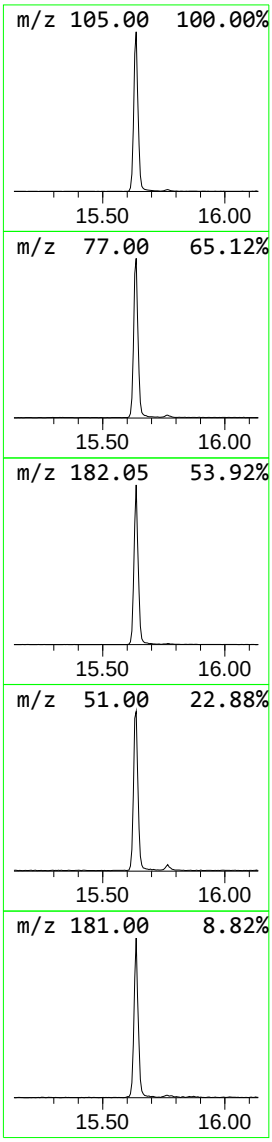
****

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.637	10.05 ng	1474020	Acenaphthene-d10	14.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	50
3	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47
4	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47





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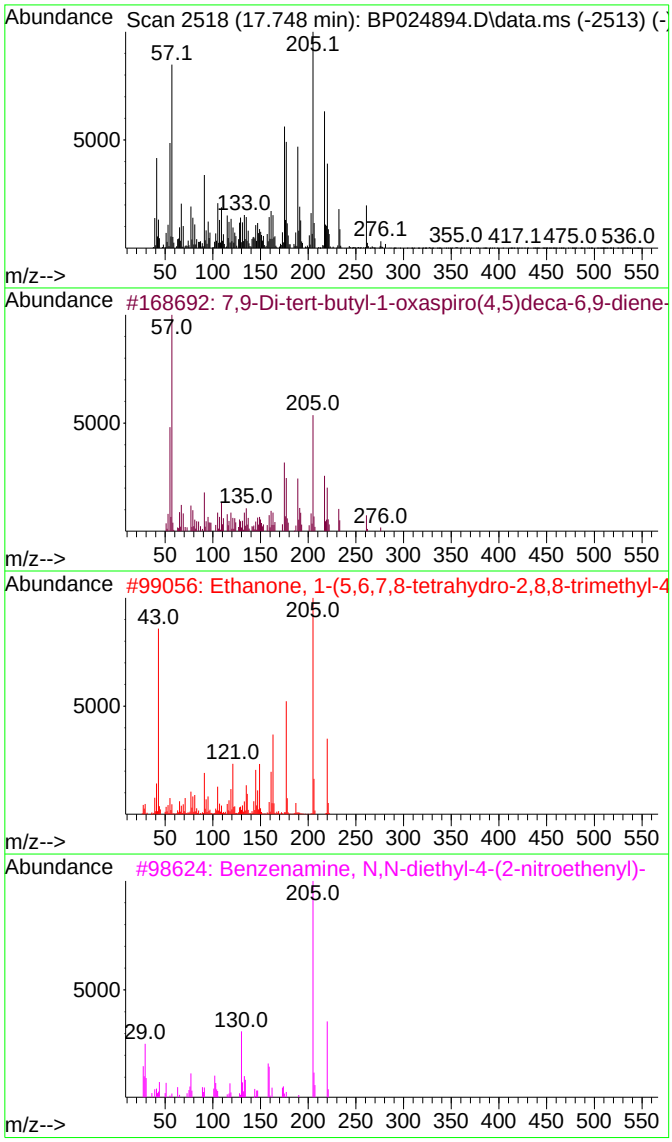
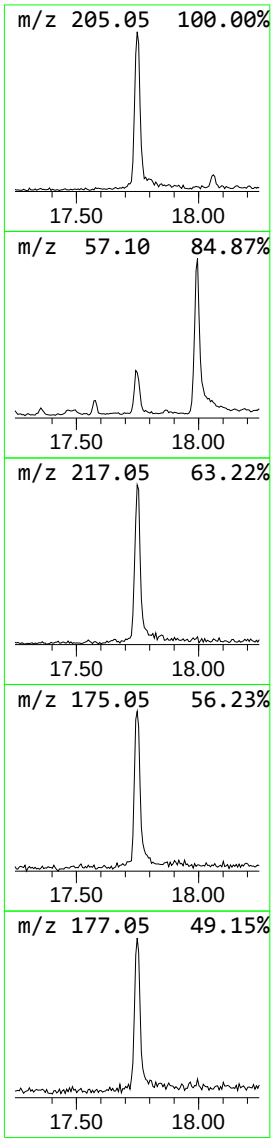
Peak Number 3 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.748	2.01 ng	347396	Phenanthrene-d10	17.048

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	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	56
3	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	55
4	1-(3-Amino-4,6-dimethylthieno[2,...	220	C11H12N2OS	052505-42-7	50
5	9-Acetylphenanthrene	220	C16H12O	002039-77-2	45





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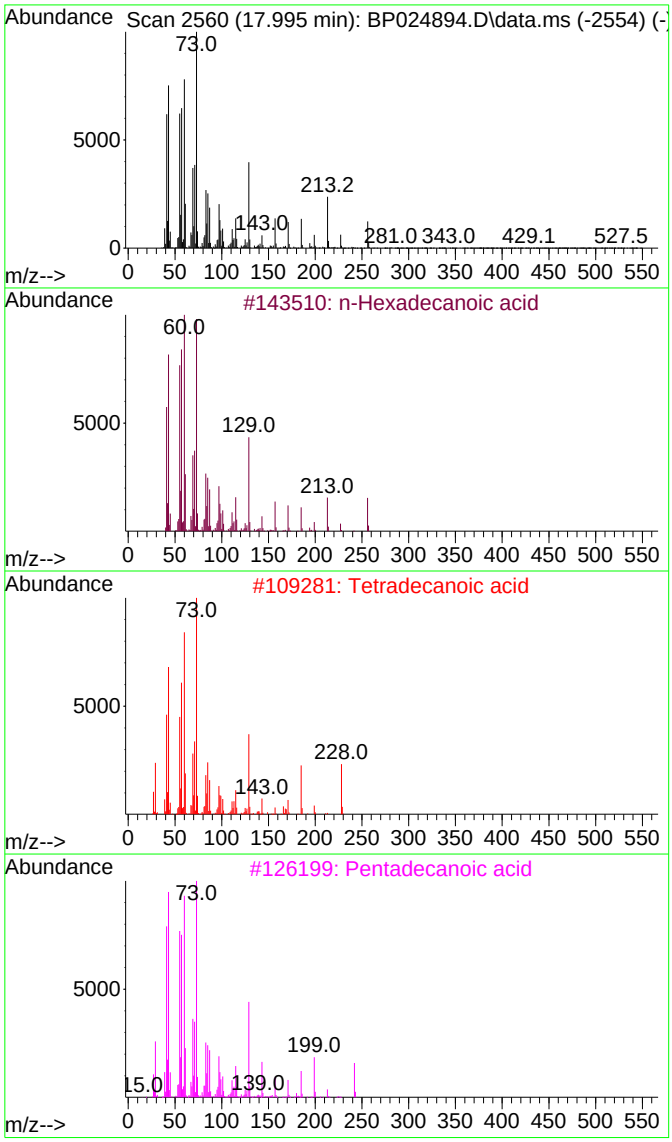
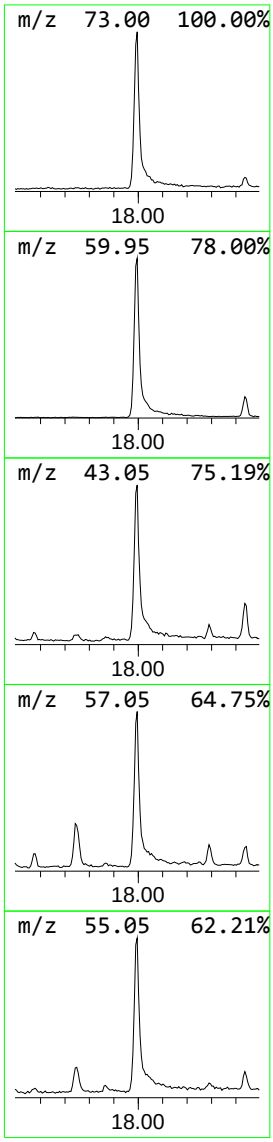
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.995	7.21 ng	1243180	Phenanthrene-d10	17.048

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	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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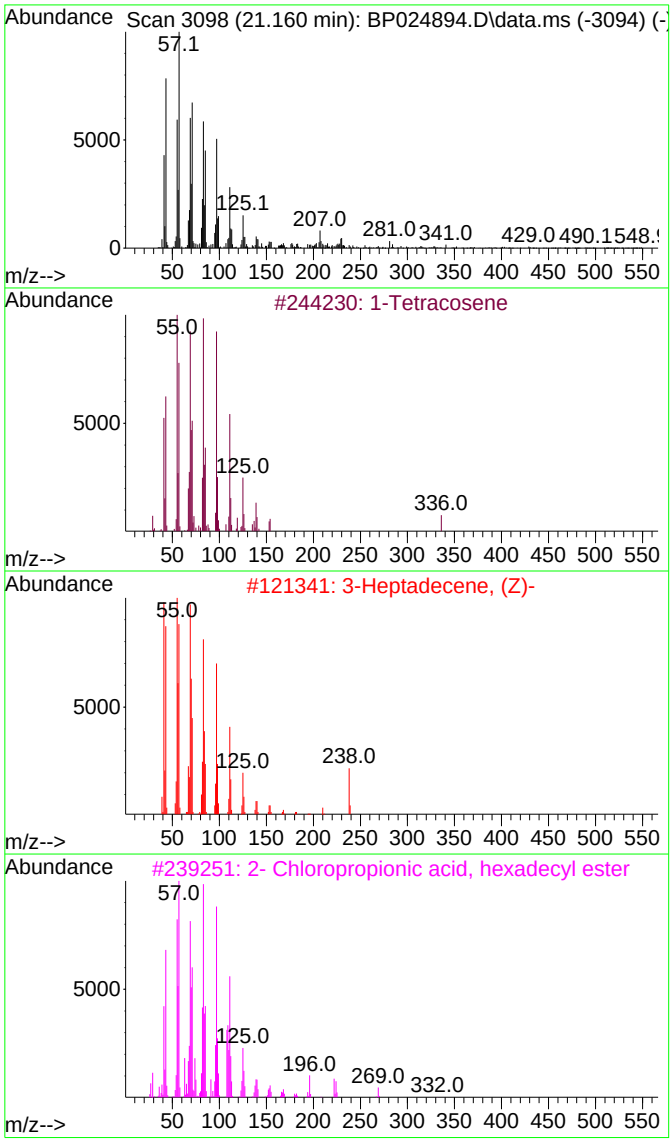
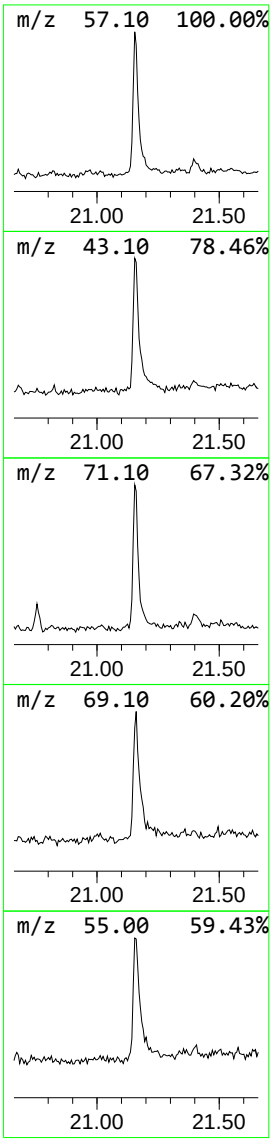
Peak Number 6 1-Tetracosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.160	3.22 ng	596044	Chrysene-d12	21.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	96
2	3-Heptadecene, (Z)-	238	C17H34	1000141-67-3	95
3	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	93
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91





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-...	4.773	7.0	ng	522609	1	7.608	1500350	20.0
Benzophenone	15.637	10.1	ng	1474020	3	14.249	2932620	20.0
7,9-Di-tert-but...	17.748	2.0	ng	347396	4	17.048	3449250	20.0
n-Hexadecanoic ...	17.995	7.2	ng	1243180	4	17.048	3449250	20.0
1-Tetracosene	21.160	3.2	ng	596044	5	21.483	3706510	20.0