LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042325\
Data File : BP024403.D
Acq On : 23 Apr 2025 19:37
Operator : RC/JU
Sample : Q1852-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11977

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: BP024403.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.881	300	305	317	rBV	526602	696132	10.09%	1.914%
2	5.340	377	383	396	rBV	2221053	3084627	44.70%	8.479%
3	5.934	479	484	492	rBV	98337	145599	2.11%	0.400%
4	6.904	641	649	666	rBV	1907113	3188987	46.21%	8.766%
5	7.716	779	787	796	rBV	593361	905341	13.12%	2.489%
6	8.863	974	982	999	rBV	1142188	1956963	28.36%	5.380%
7	10.487	1250	1258	1271	rBV	756179	1210445	17.54%	3.327%
8	12.957	1670	1678	1696	rBV	2809580	4308135	62.42%	11.843%
9	14.345	1907	1914	1929	rBV	1001567	1516396	21.97%	4.168%
10	15.727	2142	2149	2163	rBV	292962	492300	7.13%	1.353%
11	15.857	2163	2171	2198	rVV	2245332	3628987	52.58%	9.976%
12	17.133	2382	2388	2400	rBV	1141436	1728602	25.05%	4.752%
13	18.074	2543	2548	2559	rBV	238014	362067	5.25%	0.995%
14	19.404	2770	2774	2783	rBV4	84342	172033	2.49%	0.473%
15	19.857	2846	2851	2862	rBV	5341835	6901409	100.00%	18.972%
16	21.492	3126	3129	3135	rVB	99883	126871	1.84%	0.349%
17	21.574	3137	3143	3158	rVV2	1673315	2672646	38.73%	7.347%
18	24.898	3699	3708	3725	rVB	1233110	3280138	47.53%	9.017%

Sum of corrected areas: 36377678

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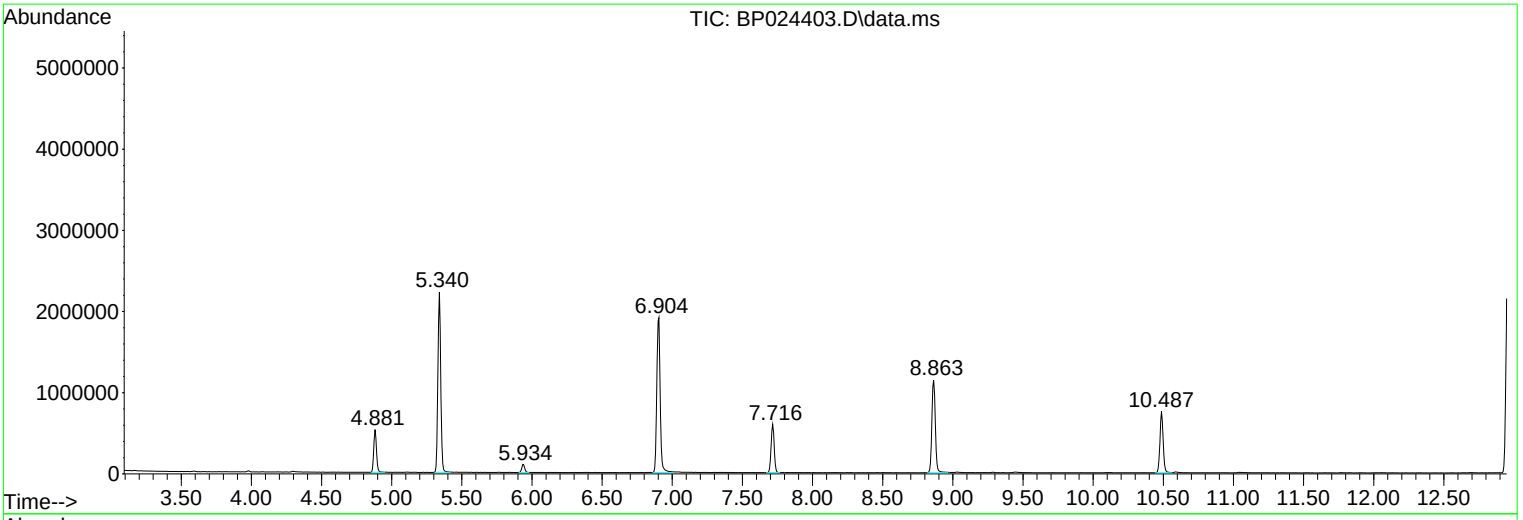
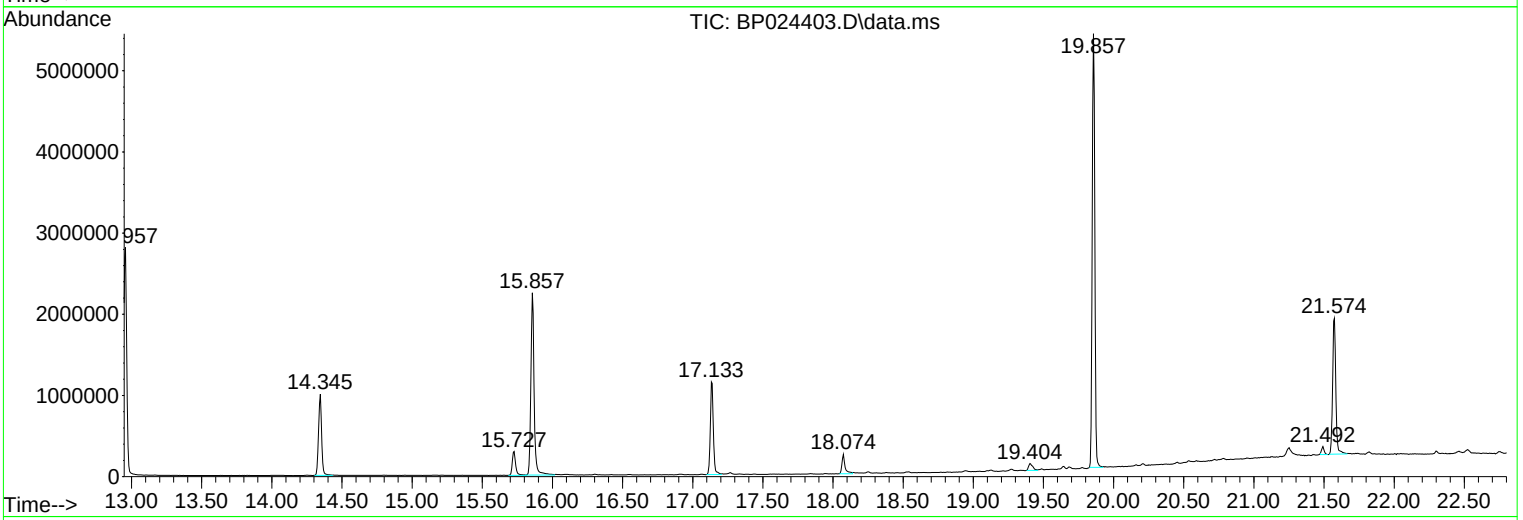
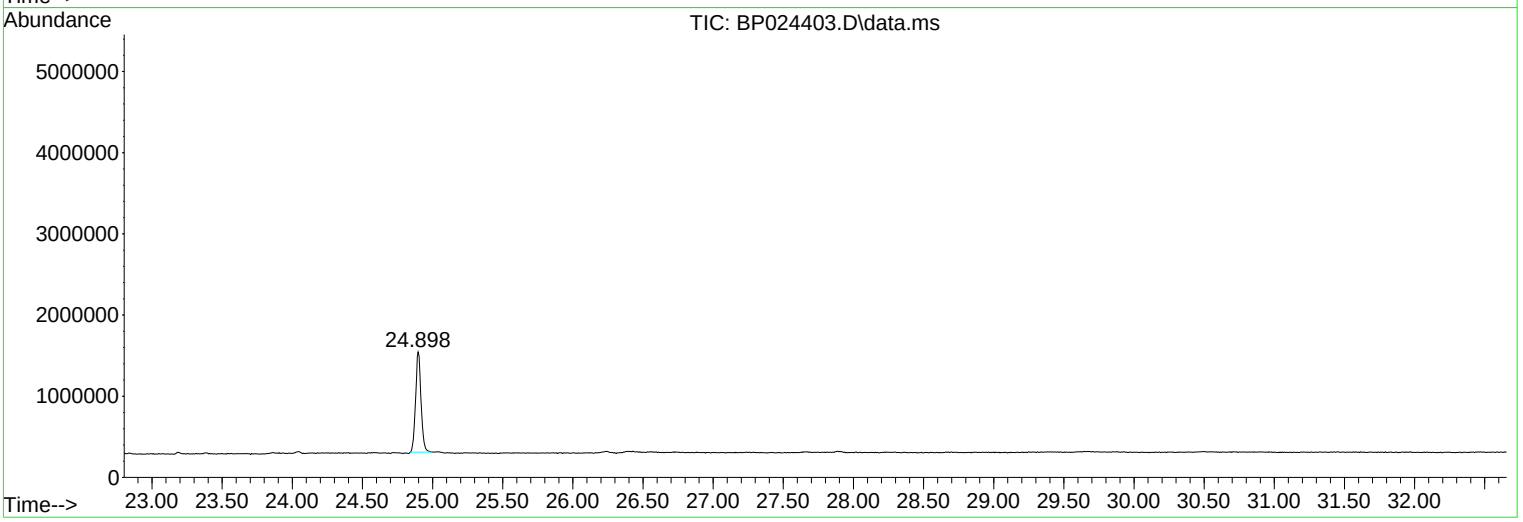
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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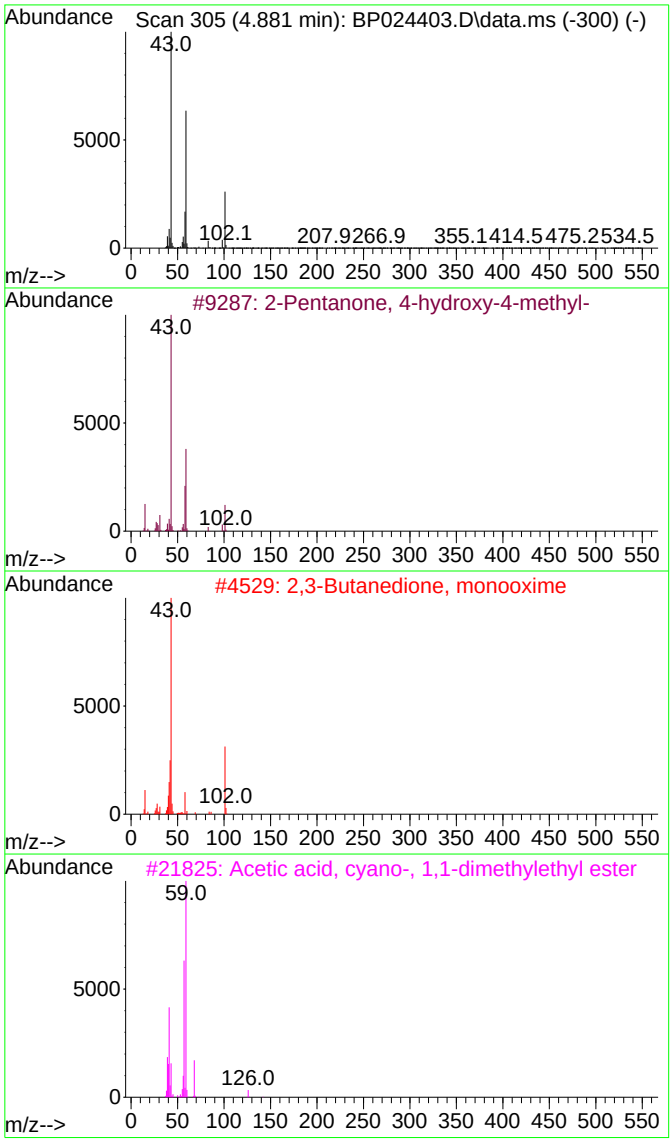
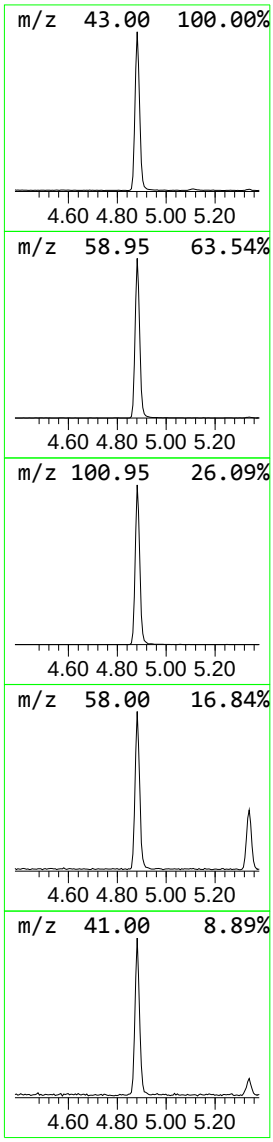
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.881	15.38 ng	696132	1,4-Dichlorobenzene-d4	7.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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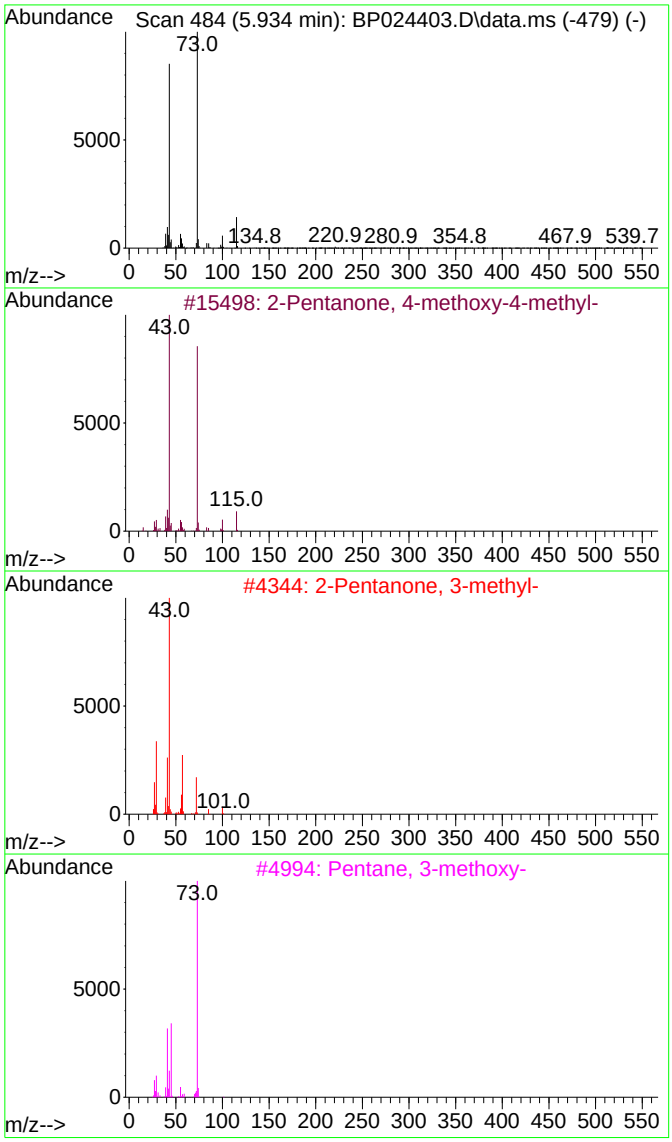
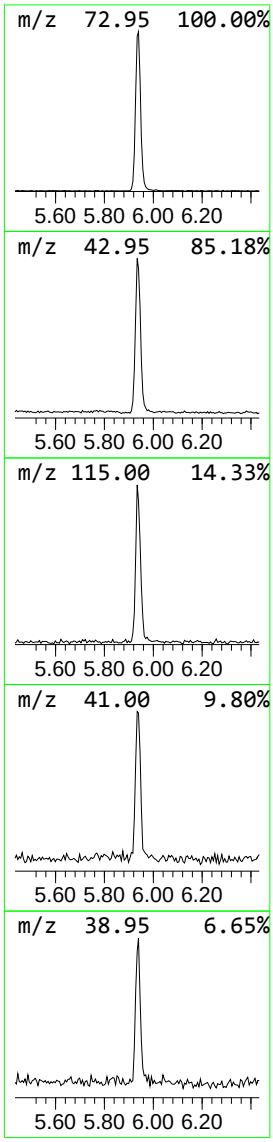
****
Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.934	3.22 ng	145599	1,4-Dichlorobenzene-d4	7.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	64
2	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	10
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
4	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	9
5	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9





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Sample : Q1852-03
Misc :
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Instrument :
BNA_P
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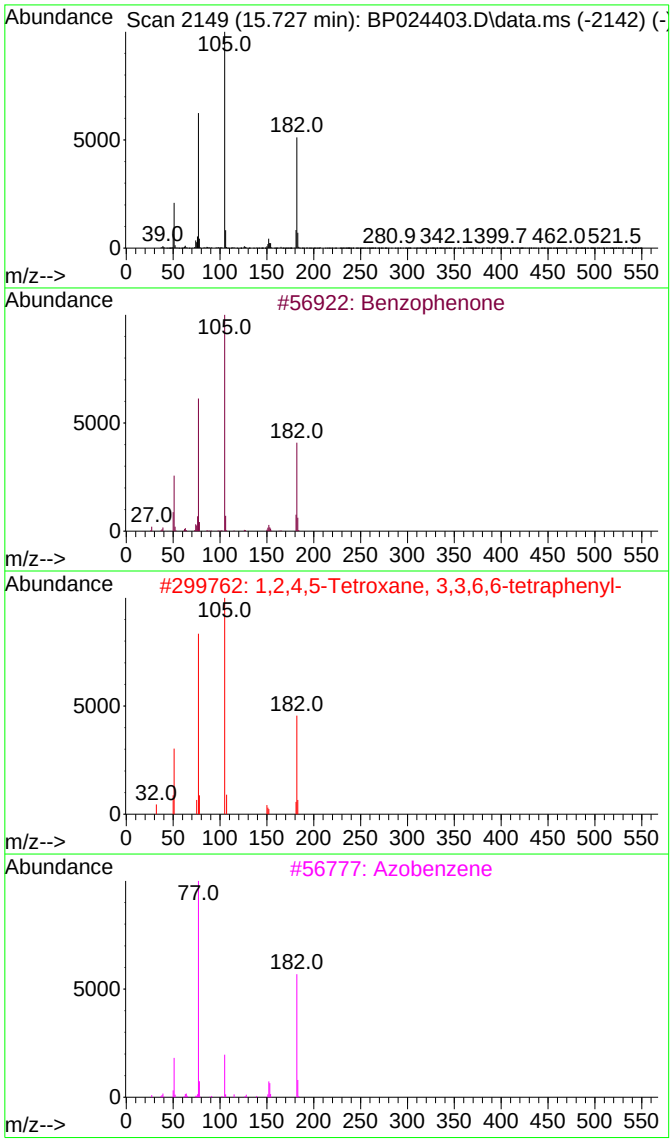
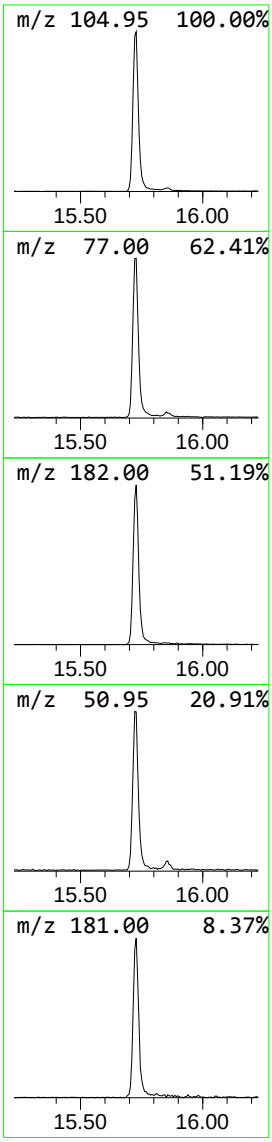
Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.727	6.49 ng	492300	Acenaphthene-d10	14.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3	Azobenzene	182	C12H10N2	000103-33-3	59
4	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45
5	N-(5-Ethyl-1,3,4-thiadiazol-2-yl...	233	C11H11N3OS	036231-88-6	37





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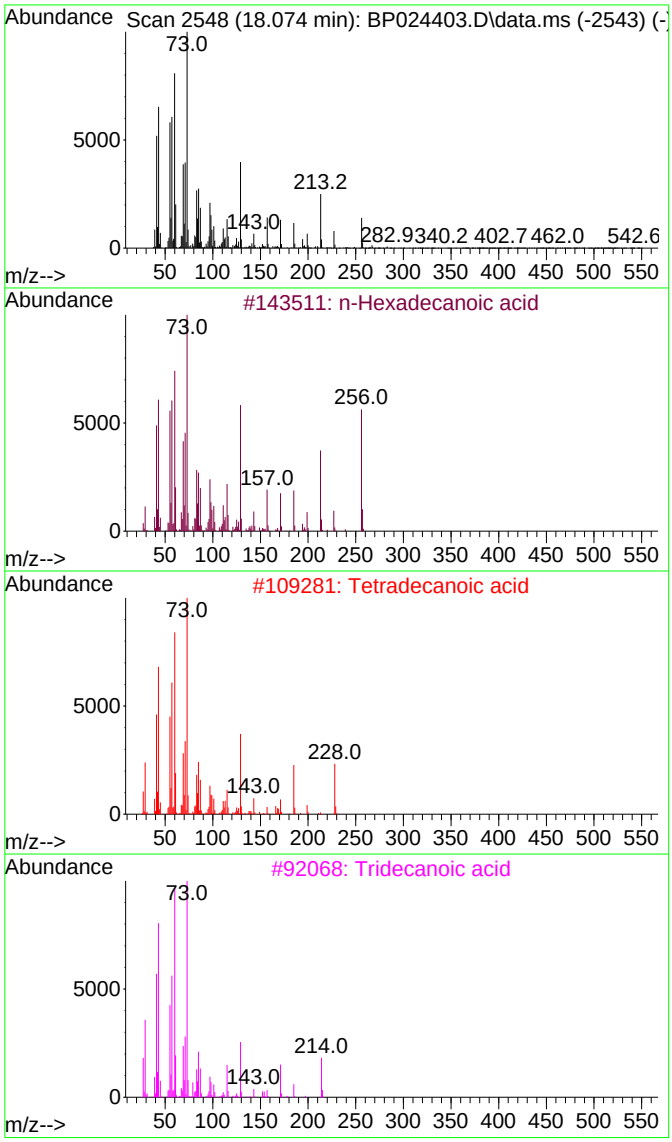
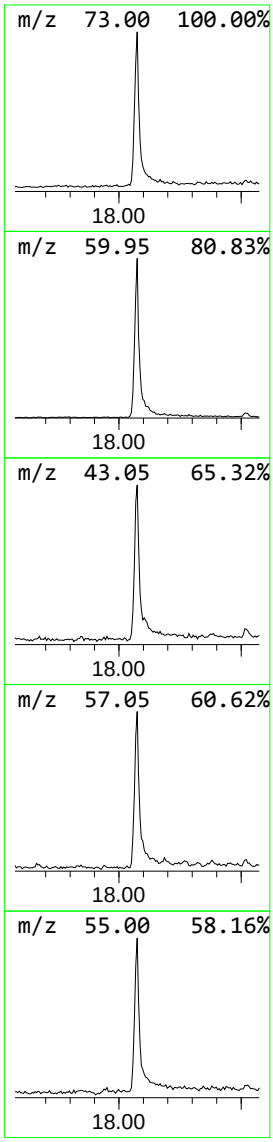
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.074	4.19 ng	362067	Phenanthrene-d10	17.133

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	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\Database\NIST20.L
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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.881	15.4	ng	696132	1	7.716	905341	20.0
2-Pentanone, 4-...	5.934	3.2	ng	145599	1	7.716	905341	20.0
Benzophenone	15.727	6.5	ng	492300	3	14.345	1516400	20.0
n-Hexadecanoic ...	18.074	4.2	ng	362067	4	17.133	1728600	20.0