LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025418.D
Acq On : 15 Aug 2025 07:51
Operator : CG/JU
Sample : Q2820-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
88H-W

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025418.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.967	3	5	13	rVB	154573	198532	3.49%	0.613%
2	3.043	13	18	31	rVB	945074	1123736	19.75%	3.471%
3	4.949	337	342	349	rBV	139760	201784	3.55%	0.623%
4	5.408	413	420	434	rBV	1523588	2237772	39.33%	6.912%
5	6.966	675	685	703	rBV	1489697	2431550	42.74%	7.511%
6	7.790	817	825	834	rBV	522367	852433	14.98%	2.633%
7	8.925	1010	1018	1029	rBV	981813	1619479	28.46%	5.002%
8	10.560	1288	1296	1311	rBV	703236	1193198	20.97%	3.686%
9	13.013	1706	1713	1730	rBV	2525149	3513356	61.75%	10.852%
10	14.395	1938	1948	1956	rBV	1047058	1695684	29.80%	5.238%
11	15.772	2176	2182	2190	rBV	344411	479618	8.43%	1.481%
12	15.907	2197	2205	2222	rBV	2027265	3096989	54.43%	9.566%
13	17.189	2417	2423	2436	rBV2	1434188	2079315	36.55%	6.423%
14	18.136	2579	2584	2592	rBV	187933	268366	4.72%	0.829%
15	19.454	2805	2808	2818	rBV5	48119	85147	1.50%	0.263%
16	19.913	2880	2886	2893	rBV	4276352	5689568	100.00%	17.574%
17	21.307	3119	3123	3135	rBV3	247972	458249	8.05%	1.415%
18	21.636	3171	3179	3191	rVB	1214024	2504448	44.02%	7.736%
19	24.989	3741	3749	3762	rVB	955908	2644954	46.49%	8.170%

Sum of corrected areas: 32374178

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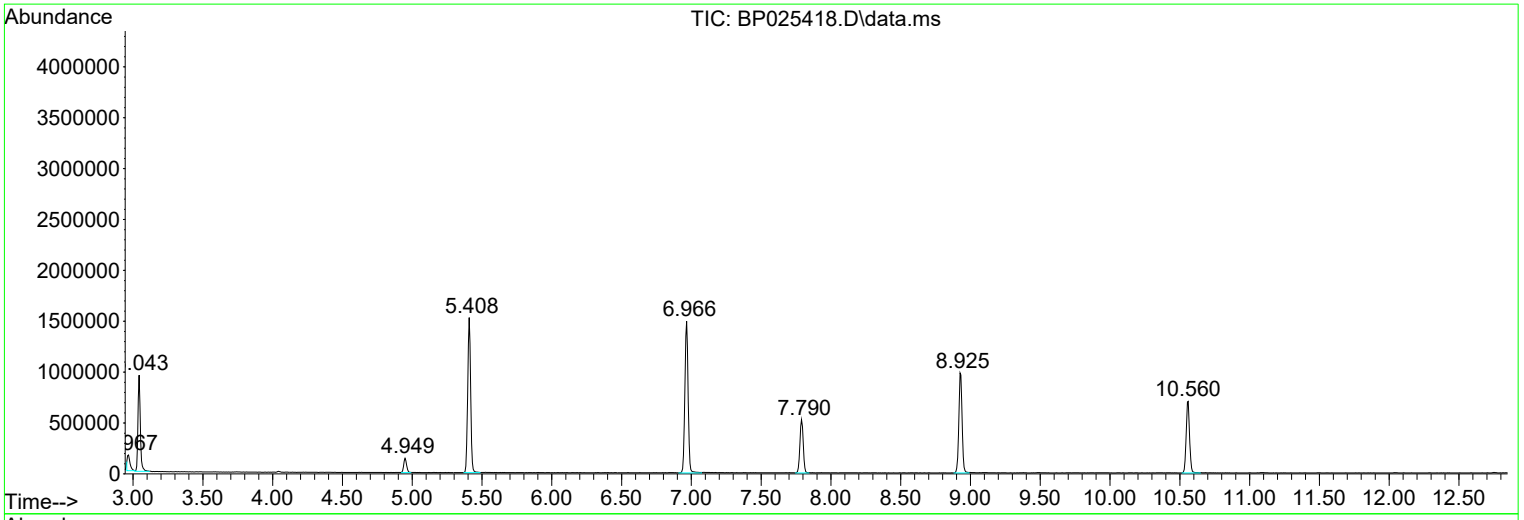
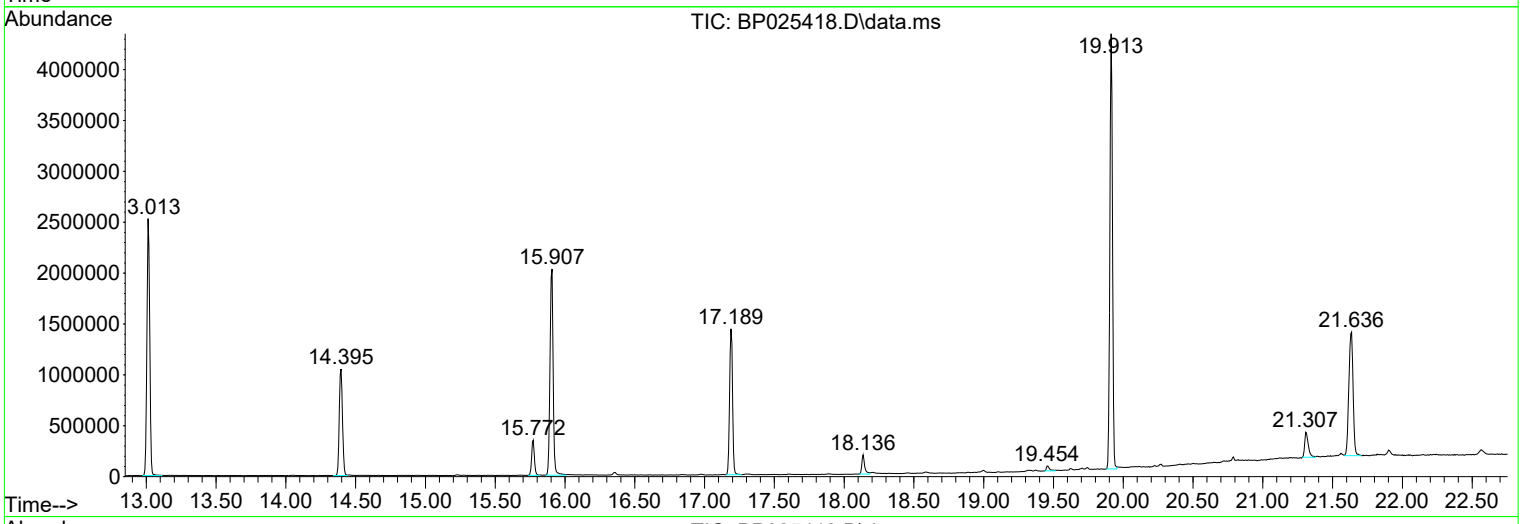
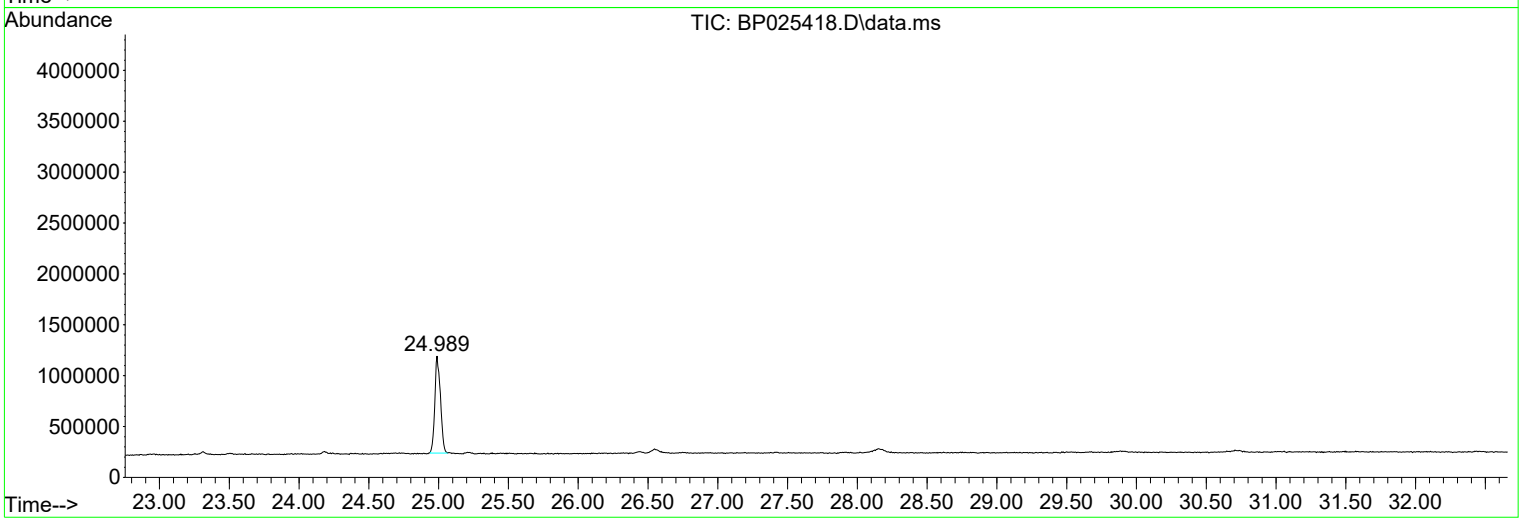
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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TIC Library : C:\Database\NIST20.L
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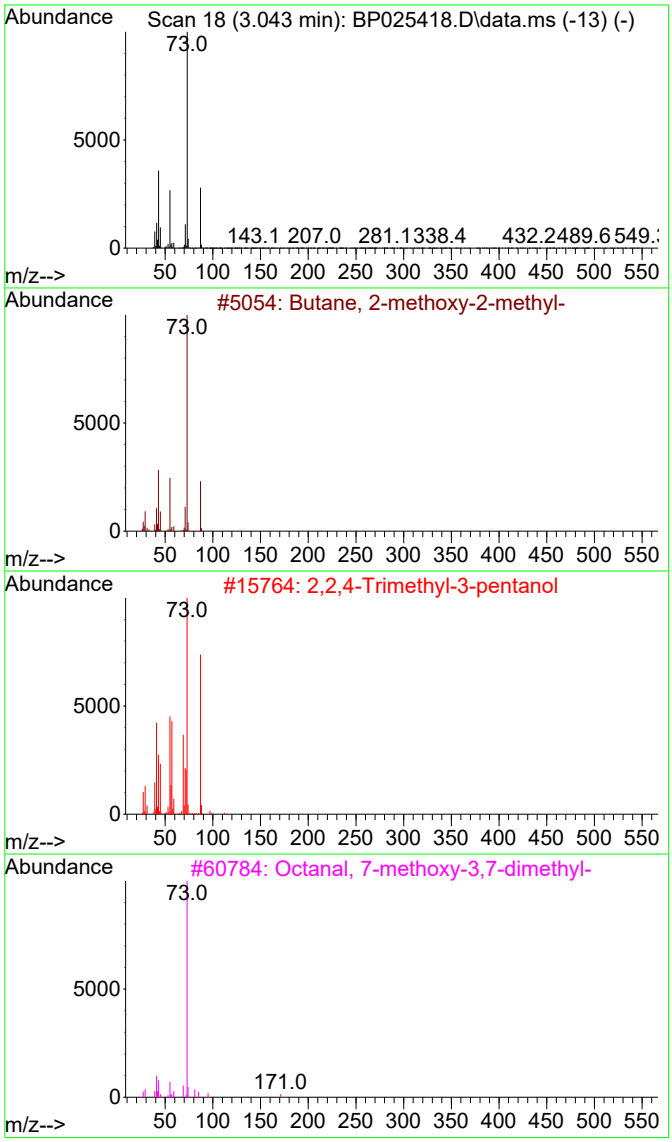
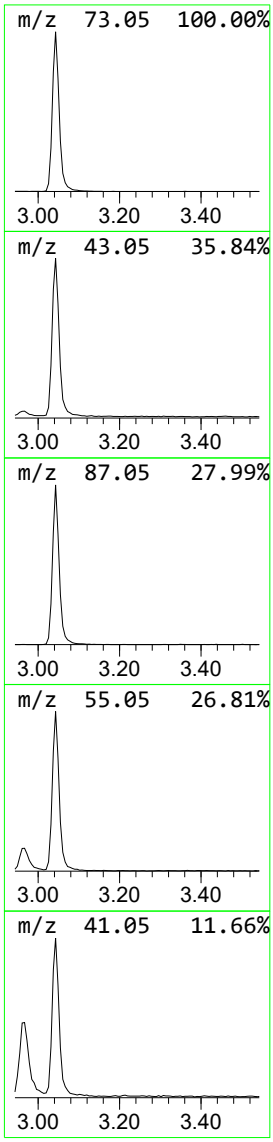
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.043	26.37 ng	1123740	1,4-Dichlorobenzene-d4	7.790

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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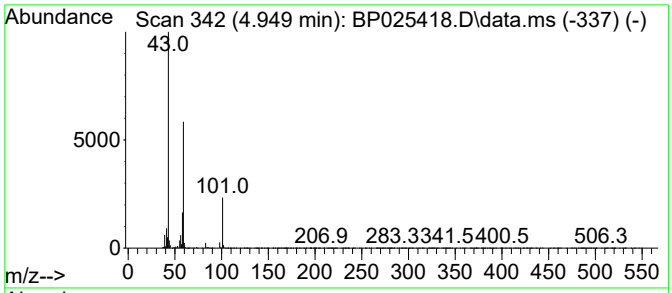
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

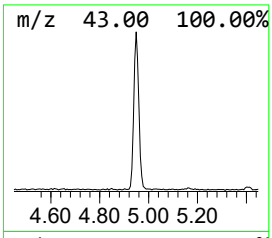
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

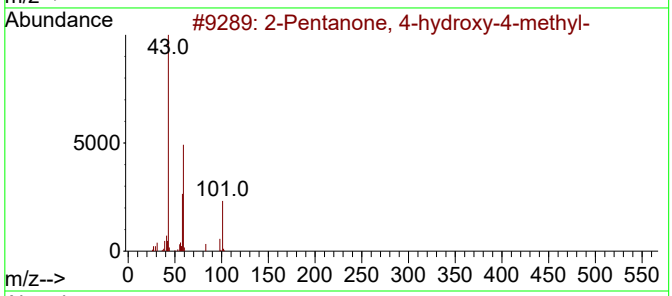
****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

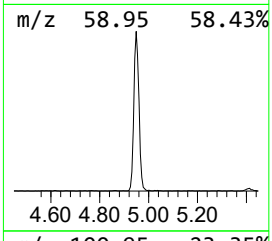
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.949	4.73 ng	201784	1,4-Dichlorobenzene-d4	7.790

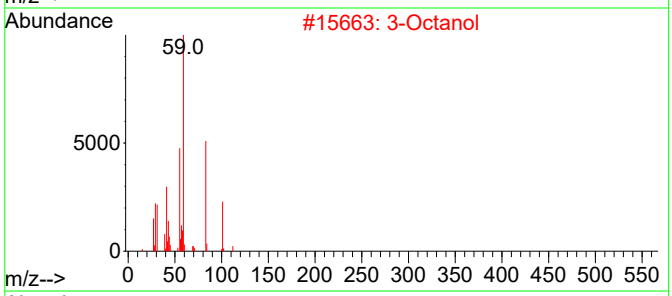
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	3-Octanol	130	C8H18O	000589-98-0	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Acetone	58	C3H6O	000067-64-1	9

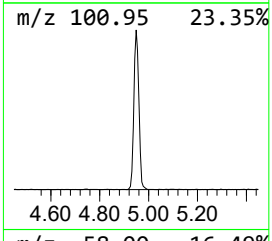


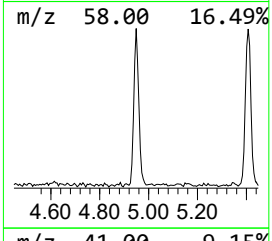


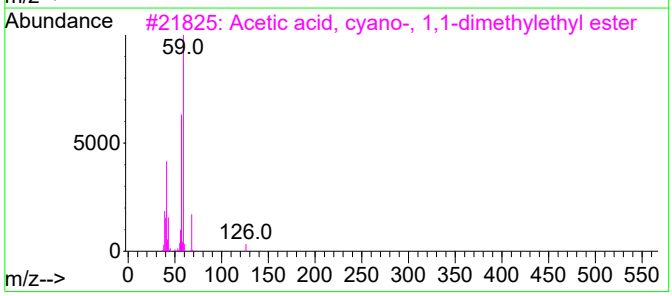


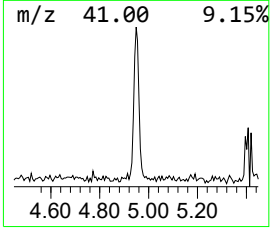












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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

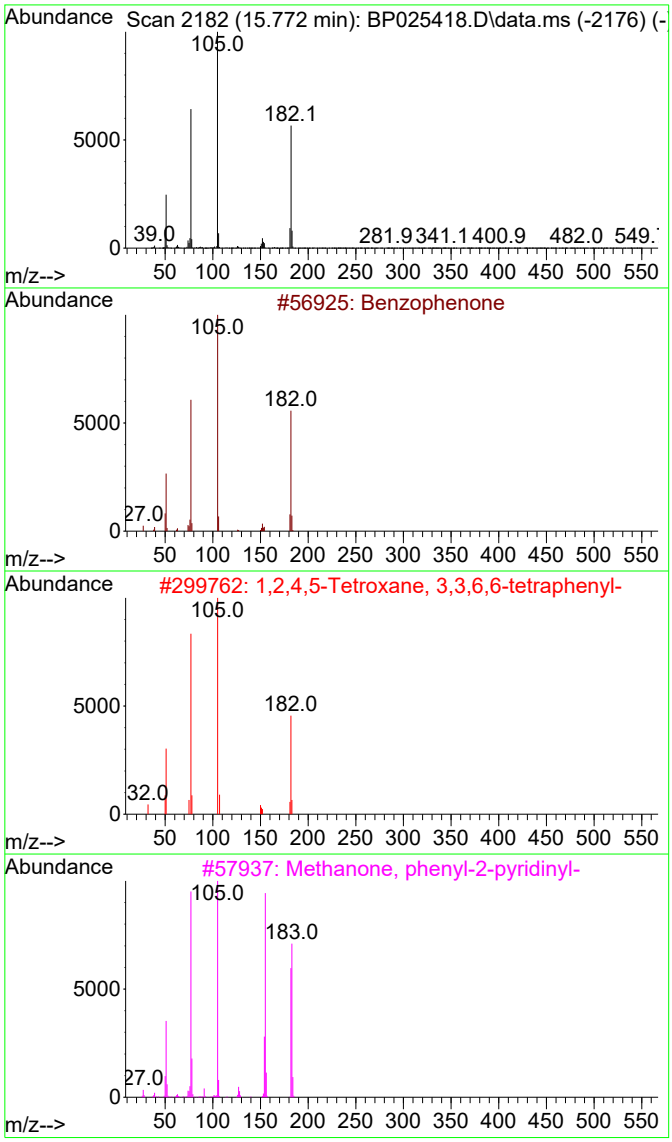
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

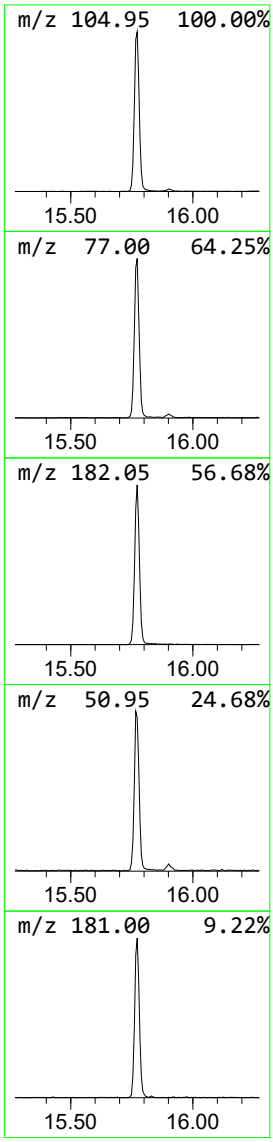
****

Peak Number 4 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.772	5.66 ng	479618	Acenaphthene-d10	14.395

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	Azobenzene	182	C12H10N2	000103-33-3	38
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	27





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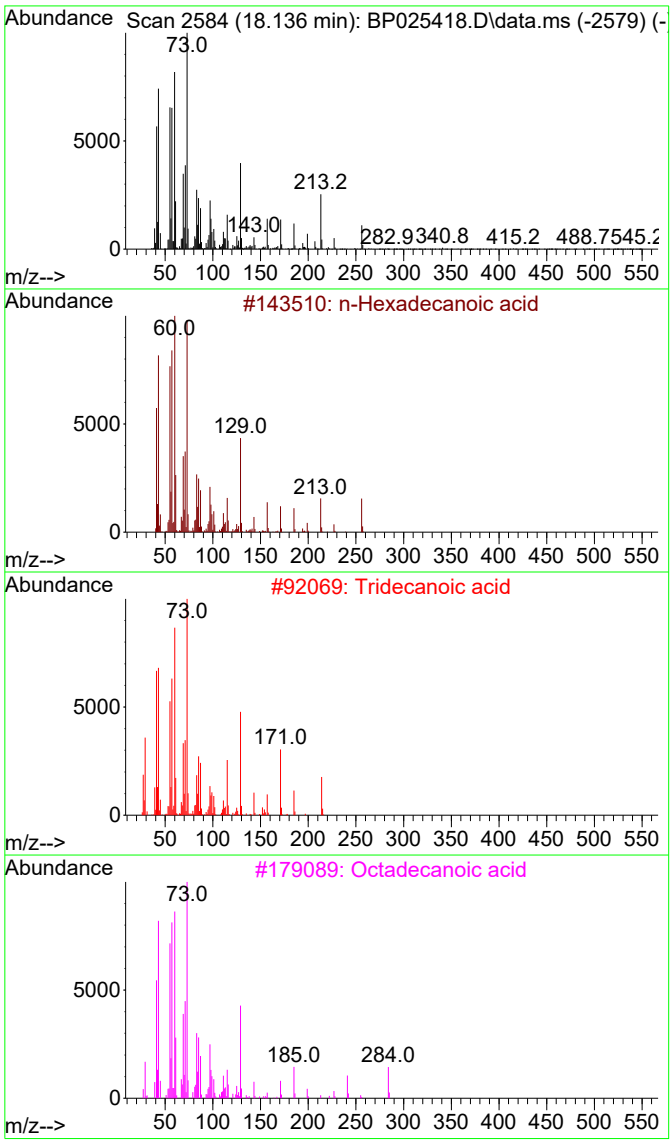
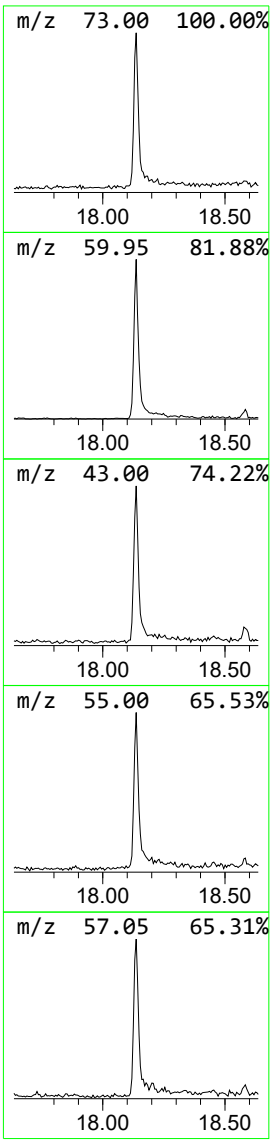
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.136	2.58 ng	268366	Phenanthrene-d10	17.189

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	81





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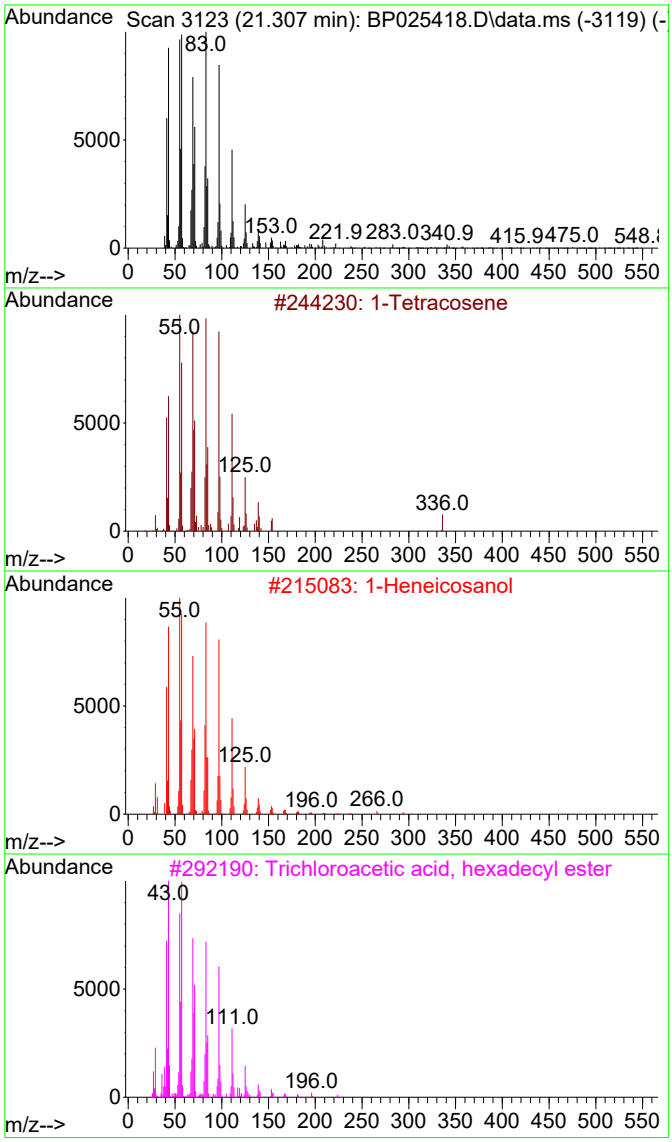
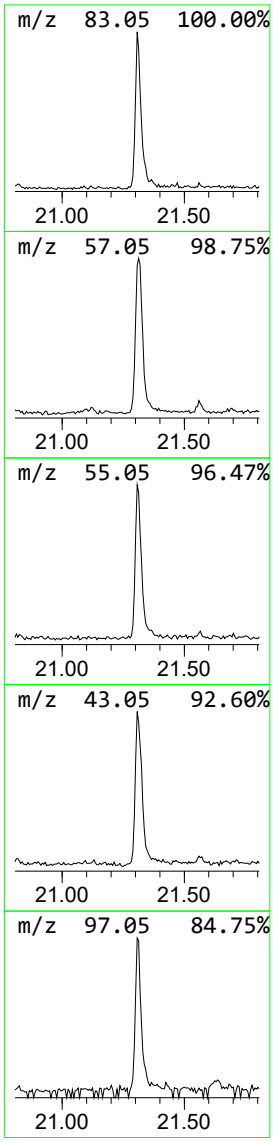
Peak Number 6 1-Tetracosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.307	3.66 ng	458249	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	1-Hexacosene	364	C26H52	018835-33-1	93
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.043	26.4	ng	1123740	1	7.790	852433	20.0
2-Pentanone, 4-...	4.949	4.7	ng	201784	1	7.790	852433	20.0
Benzophenone	15.772	5.7	ng	479618	3	14.395	1695680	20.0
n-Hexadecanoic ...	18.136	2.6	ng	268366	4	17.189	2079320	20.0
1-Tetracosene	21.307	3.7	ng	458249	5	21.636	2504450	20.0