LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081325\
Data File : BP025386.D
Acq On : 13 Aug 2025 16:09
Operator : CG/JU
Sample : Q2820-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
82H-S

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-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025386.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	rVB2	135743	194996	3.15%	0.524%
2	3.043	13	18	36	rVB	796807	1063922	17.20%	2.860%
3	4.949	337	342	349	rVB	168795	238355	3.85%	0.641%
4	5.408	414	420	432	rVB	1787007	2635611	42.60%	7.085%
5	6.972	677	686	699	rBV	1627452	2643766	42.73%	7.107%
6	7.796	819	826	835	rVB	663200	1072172	17.33%	2.882%
7	8.937	1009	1020	1031	rBV	1075993	1829199	29.57%	4.917%
8	10.566	1291	1297	1309	rVB	845858	1476296	23.86%	3.969%
9	13.031	1708	1716	1726	rBV	2609027	4133579	66.81%	11.112%
10	14.425	1945	1953	1966	rBV	1418092	1943543	31.41%	5.225%
11	15.801	2180	2187	2194	rBV	304554	428641	6.93%	1.152%
12	15.931	2202	2209	2235	rBV	2019952	3223534	52.10%	8.666%
13	16.378	2280	2285	2293	rVB	73848	106513	1.72%	0.286%
14	17.225	2423	2429	2439	rBV	1631314	2239335	36.19%	6.020%
15	18.172	2585	2590	2598	rBV	640968	971390	15.70%	2.611%
16	19.501	2811	2816	2824	rBV	145924	248060	4.01%	0.667%
17	19.725	2851	2854	2859	rVB	41414	64779	1.05%	0.174%
18	19.954	2887	2893	2903	rBV	4216257	6187036	100.00%	16.633%
19	21.348	3126	3130	3136	rBV	589456	748456	12.10%	2.012%
20	21.678	3179	3186	3193	rBV	1581677	2766804	44.72%	7.438%
21	25.066	3753	3762	3775	rVB	1056268	2982429	48.20%	8.018%

Sum of corrected areas: 37198416

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ClientSampleId :
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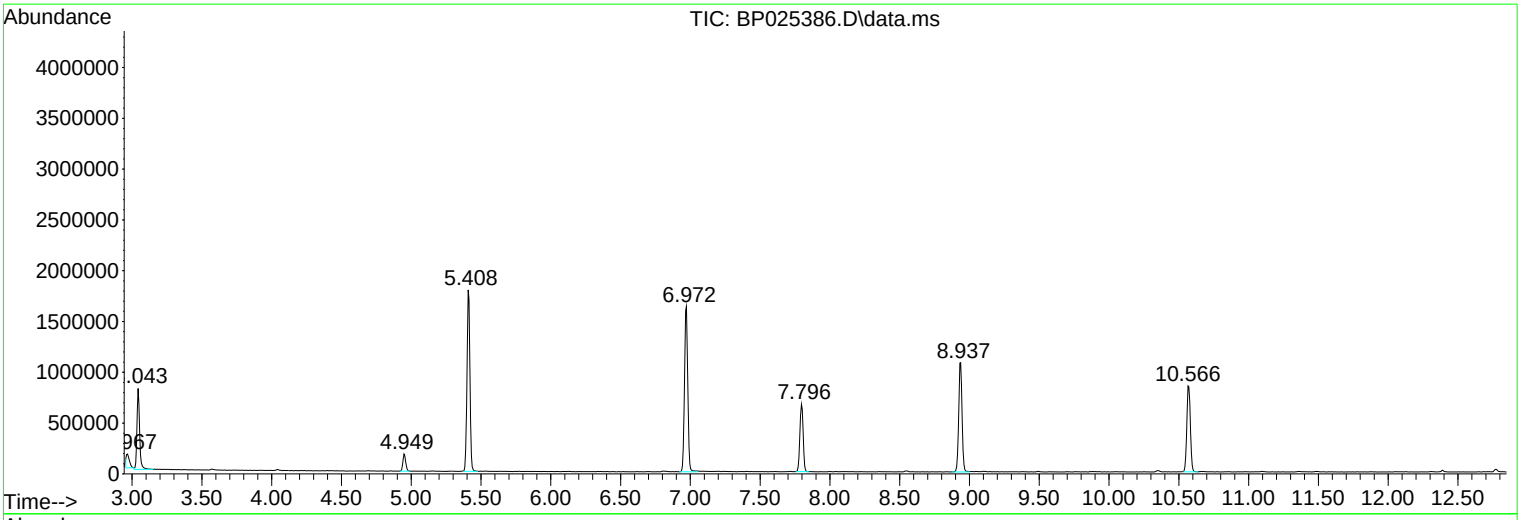
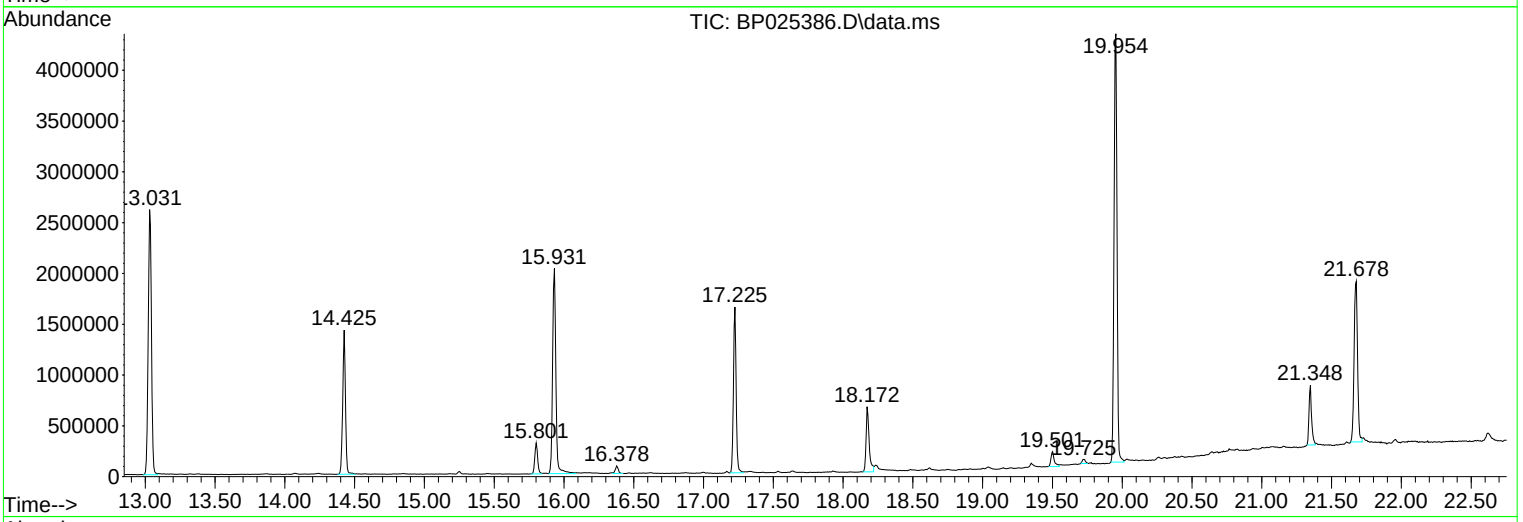
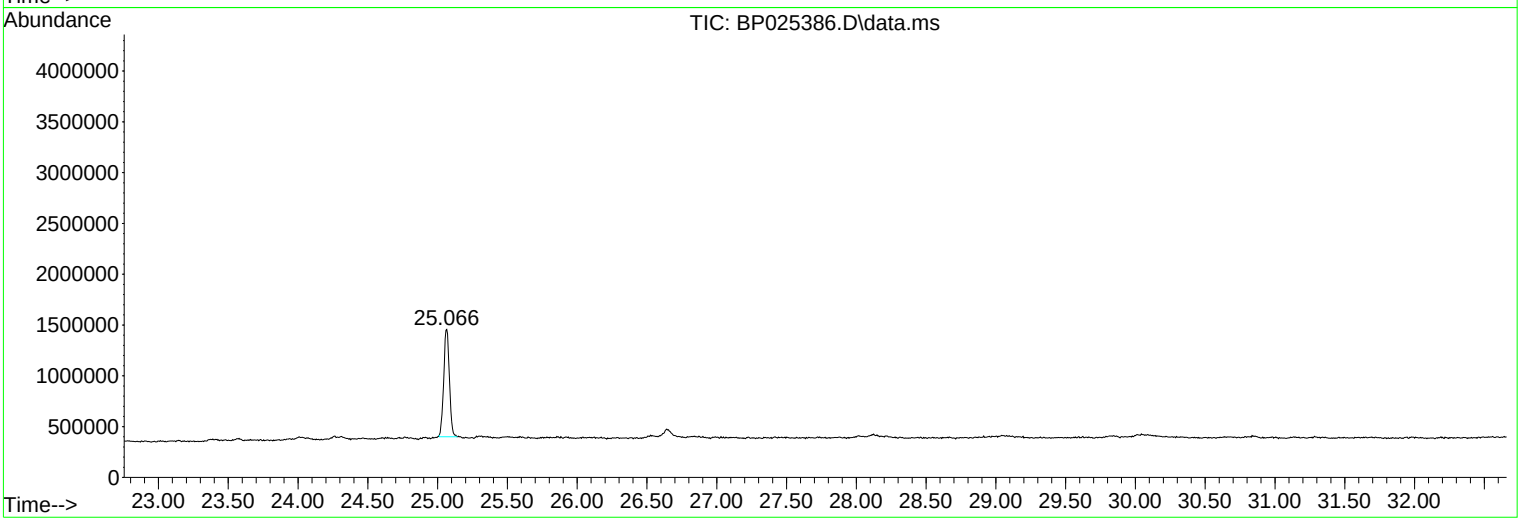
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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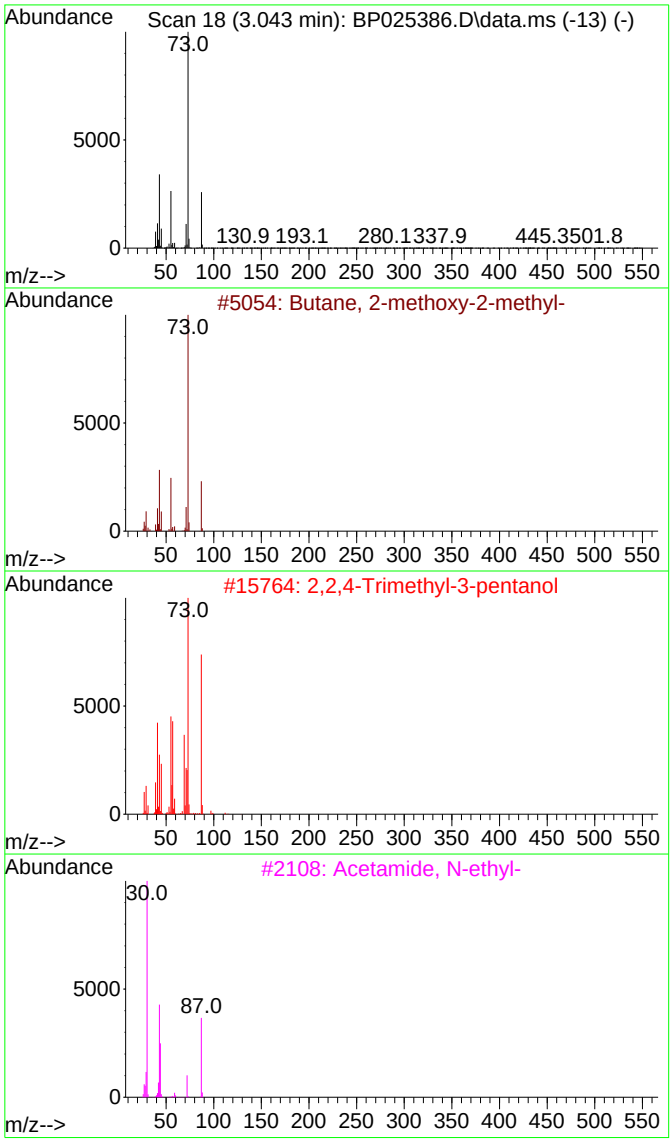
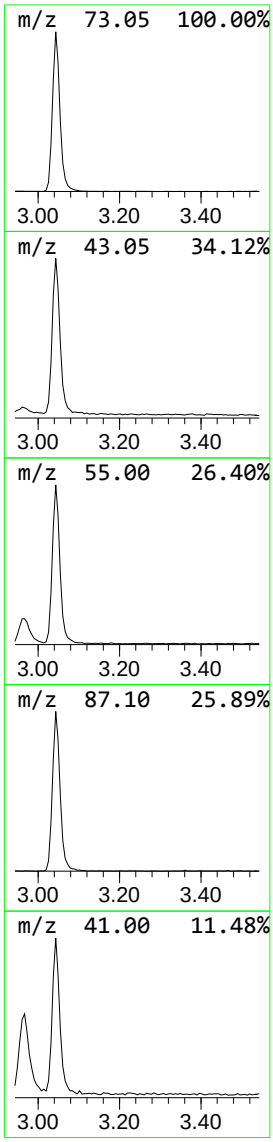
****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.043	19.85 ng	1063920	1,4-Dichlorobenzene-d4	7.796

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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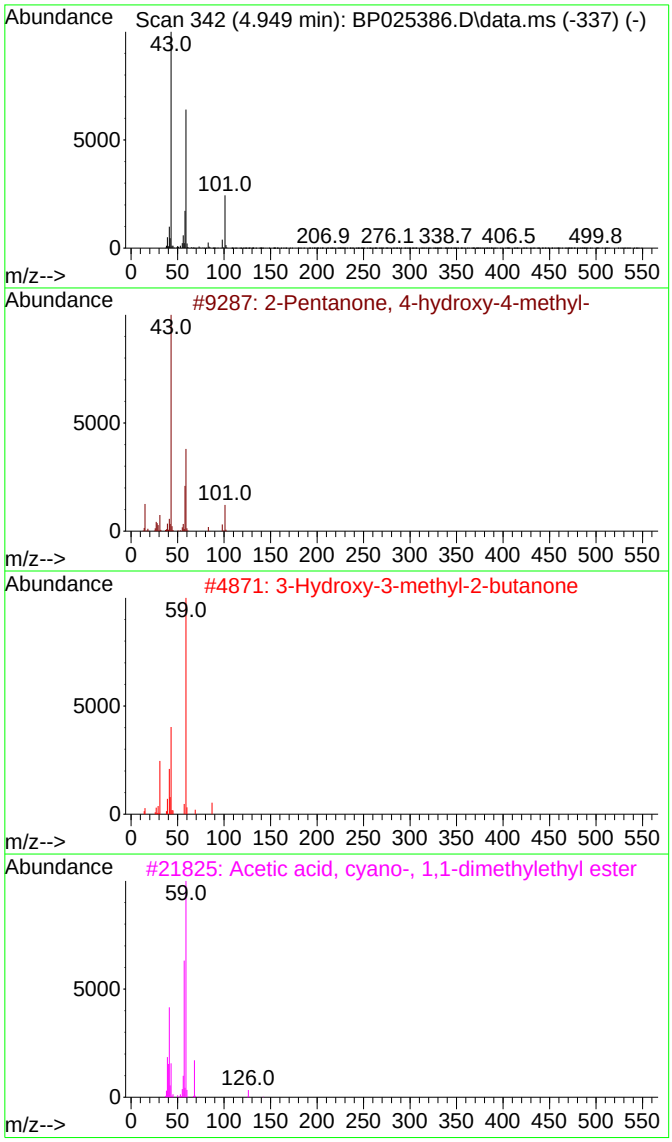
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

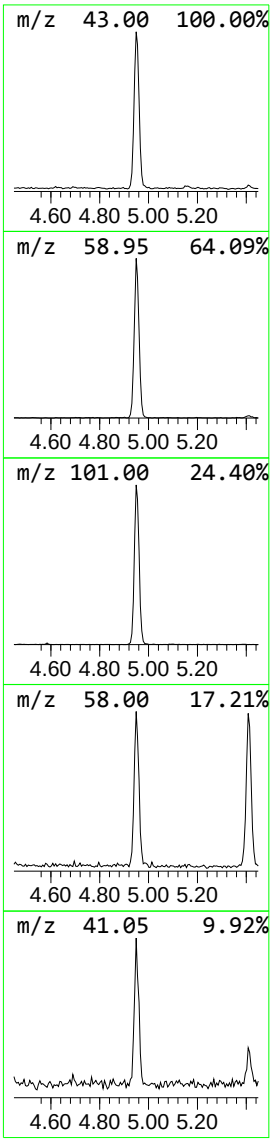
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.949	4.45 ng	238355	1,4-Dichlorobenzene-d4	7.796

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	17
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17





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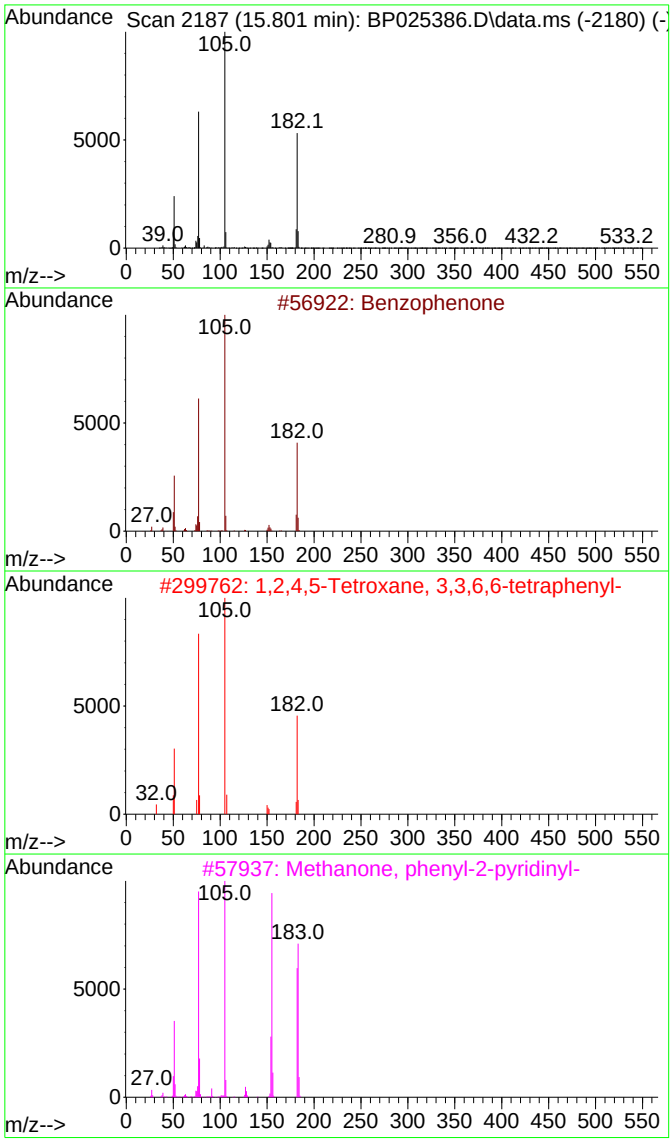
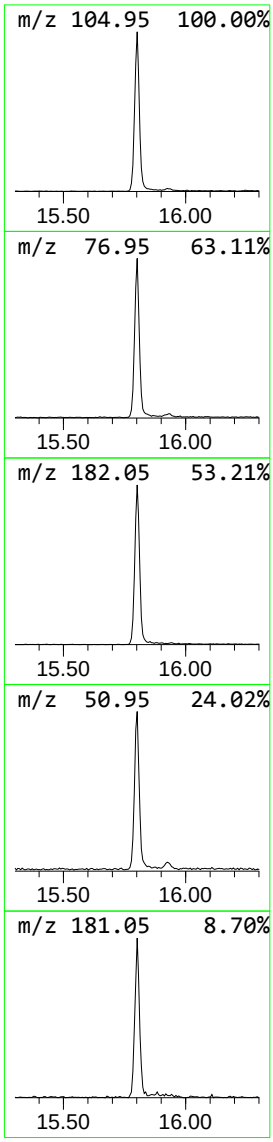
Peak Number 4 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.801	4.41 ng	428641	Acenaphthene-d10	14.425

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	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	50
4	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45
5	Azobenzene, (E)-	182	C12H10N2	017082-12-1	42





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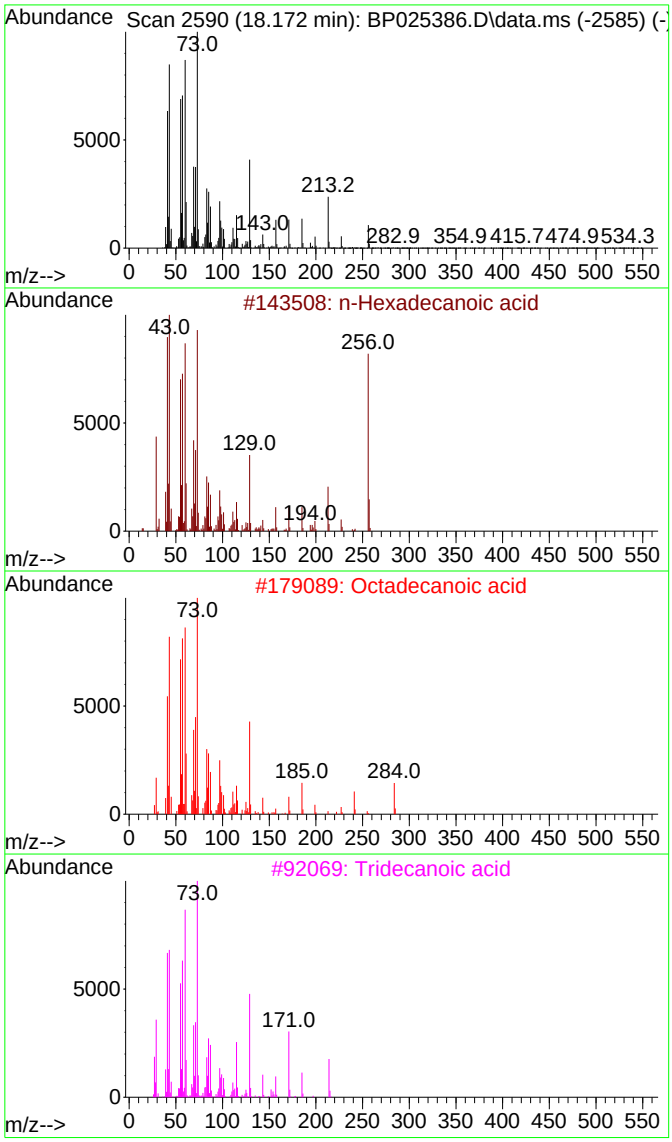
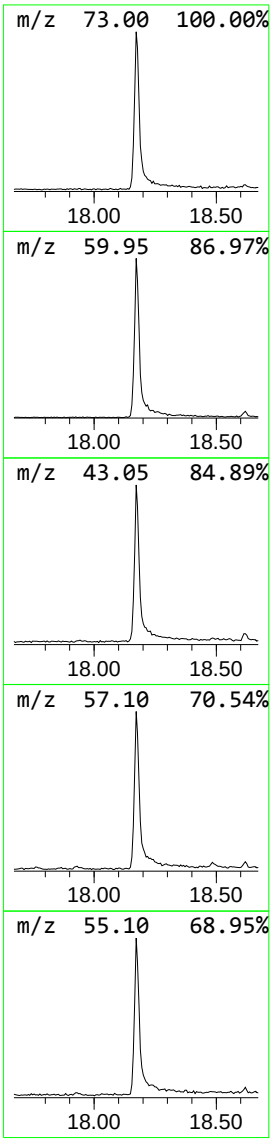
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.172	8.68 ng	971390	Phenanthrene-d10	17.225

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	92
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80





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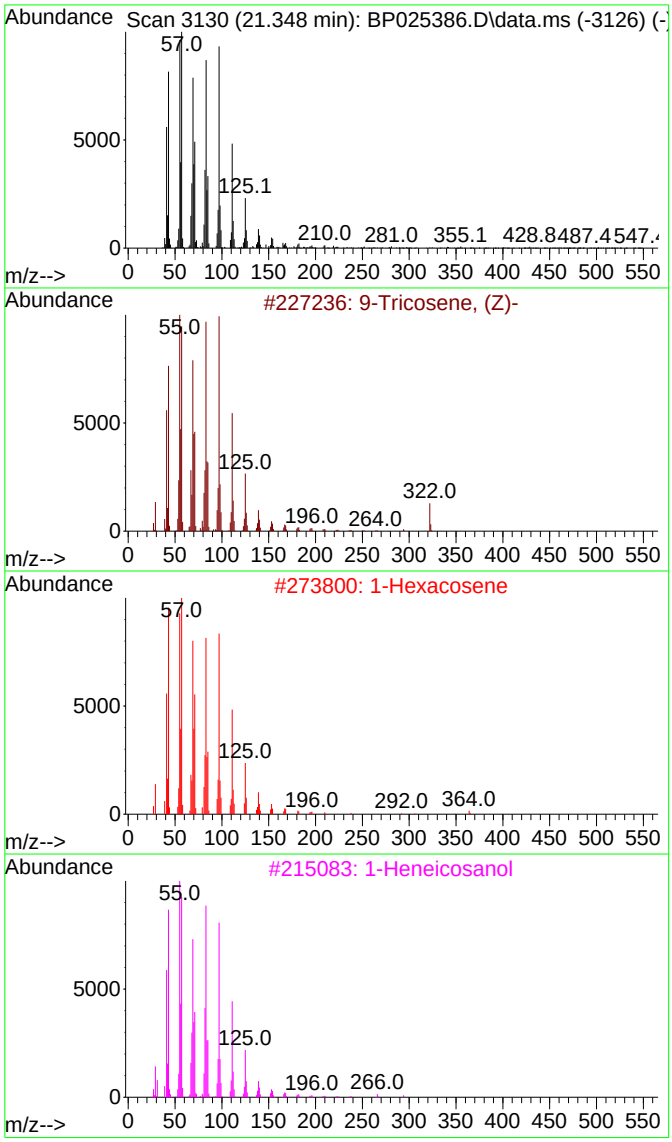
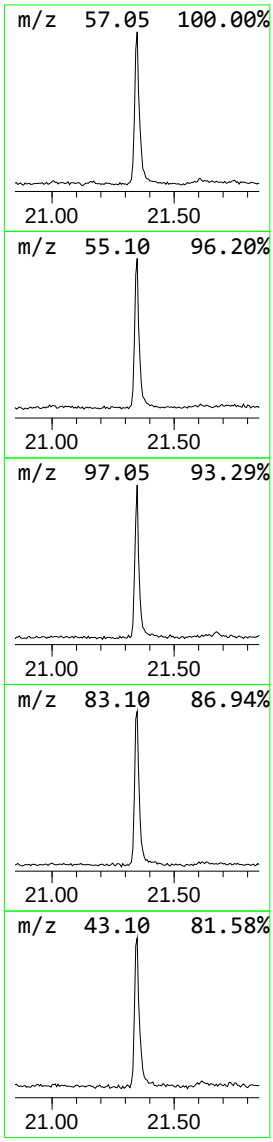
****

Peak Number 6 9-Tricosene, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.348	5.41 ng	748456	Chrysene-d12	21.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
2	1-Hexacosene	364	C26H52	018835-33-1	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	1-Tetracosene	336	C24H48	010192-32-2	94





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.043	19.9	ng	1063920	1	7.796	1072170	20.0
2-Pentanone, 4-...	4.949	4.5	ng	238355	1	7.796	1072170	20.0
Benzophenone	15.801	4.4	ng	428641	3	14.425	1943540	20.0
n-Hexadecanoic ...	18.172	8.7	ng	971390	4	17.225	2239340	20.0
9-Tricosene, (Z)-	21.348	5.4	ng	748456	5	21.677	2766800	20.0