LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030323\
Data File : BP013946.D
Acq On : 03 Mar 2023 15:58
Operator : CG/JU
Sample : 01759-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DEP-2

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-BP021623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP013946.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.240	6	9	25	rVB	105515	169019	2.18%	0.544%
2	3.728	88	92	102	rBV	130280	175329	2.26%	0.565%
3	5.163	329	336	348	rVB	256510	377260	4.86%	1.215%
4	5.628	409	415	428	rBV	798698	1201057	15.48%	3.868%
5	7.240	679	689	705	rVB	439070	743226	9.58%	2.394%
6	8.092	827	834	840	rBV	394611	627012	8.08%	2.019%
7	9.263	1026	1033	1046	rBV	1248467	2068210	26.66%	6.661%
8	10.916	1308	1314	1319	rBV	474806	797808	10.28%	2.570%
9	10.963	1319	1322	1329	rVB	112563	176150	2.27%	0.567%
10	13.351	1719	1728	1741	rBV	3205856	4926782	63.50%	15.868%
11	14.727	1953	1962	1973	rBV	729783	1118150	14.41%	3.601%
12	16.080	2183	2192	2202	rBV	391197	581282	7.49%	1.872%
13	16.216	2209	2215	2228	rBV	2410221	3574922	46.08%	11.514%
14	17.480	2424	2430	2438	rBV	1005217	1445868	18.64%	4.657%
15	18.339	2571	2576	2587	rBV	279922	470800	6.07%	1.516%
16	19.562	2781	2784	2795	rBV	93567	161882	2.09%	0.521%
17	20.015	2856	2861	2870	rBV	6362348	7758286	100.00%	24.987%
18	20.539	2947	2950	2956	rBV2	61608	99461	1.28%	0.320%
19	21.074	3038	3041	3045	rVB2	80528	92146	1.19%	0.297%
20	21.233	3064	3068	3080	rBV2	561508	849686	10.95%	2.737%
21	21.562	3119	3124	3134	rVB	1277283	1763295	22.73%	5.679%
22	24.103	3550	3556	3566	rVB2	866883	1871476	24.12%	6.027%

Sum of corrected areas: 31049107

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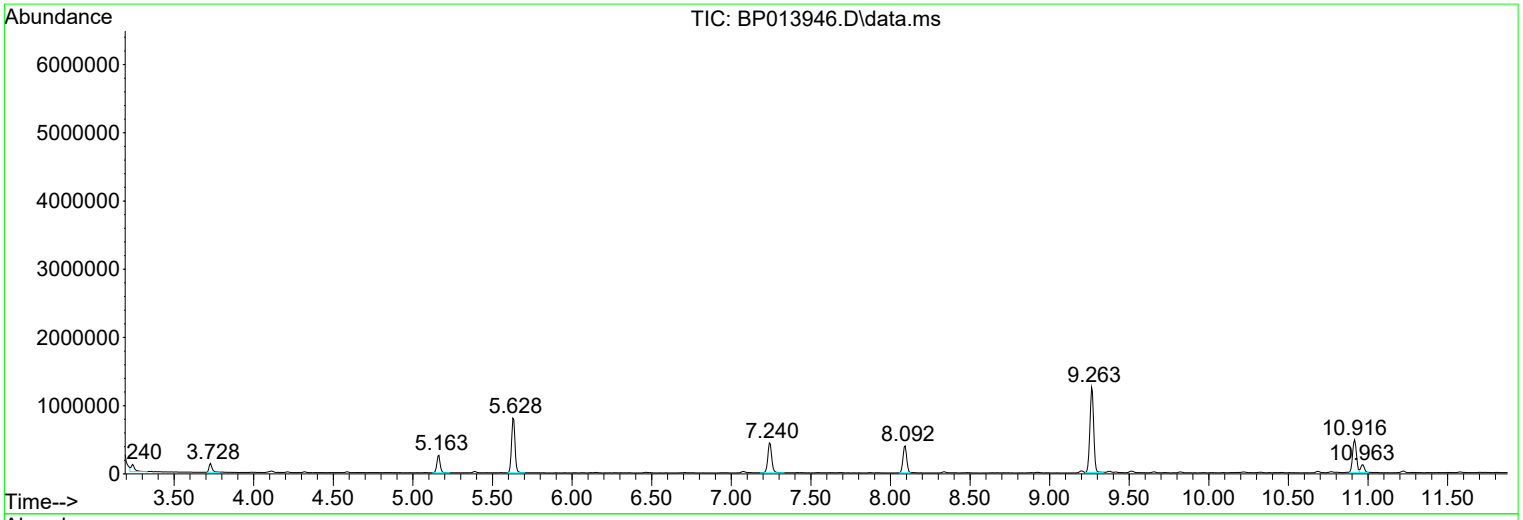
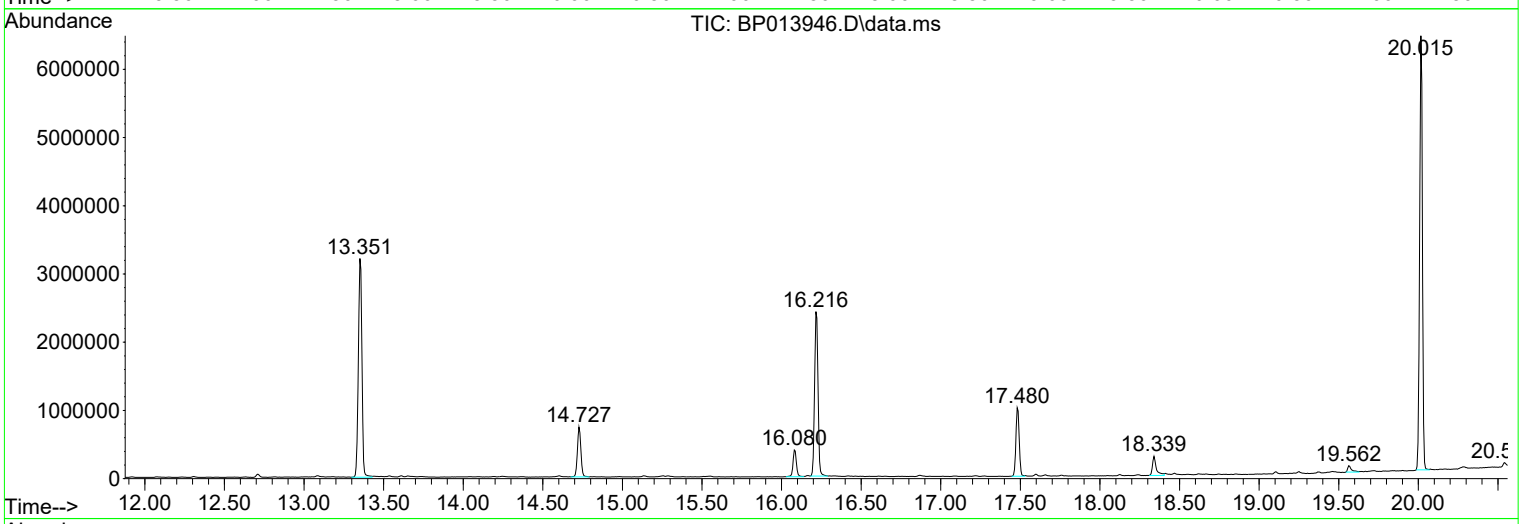
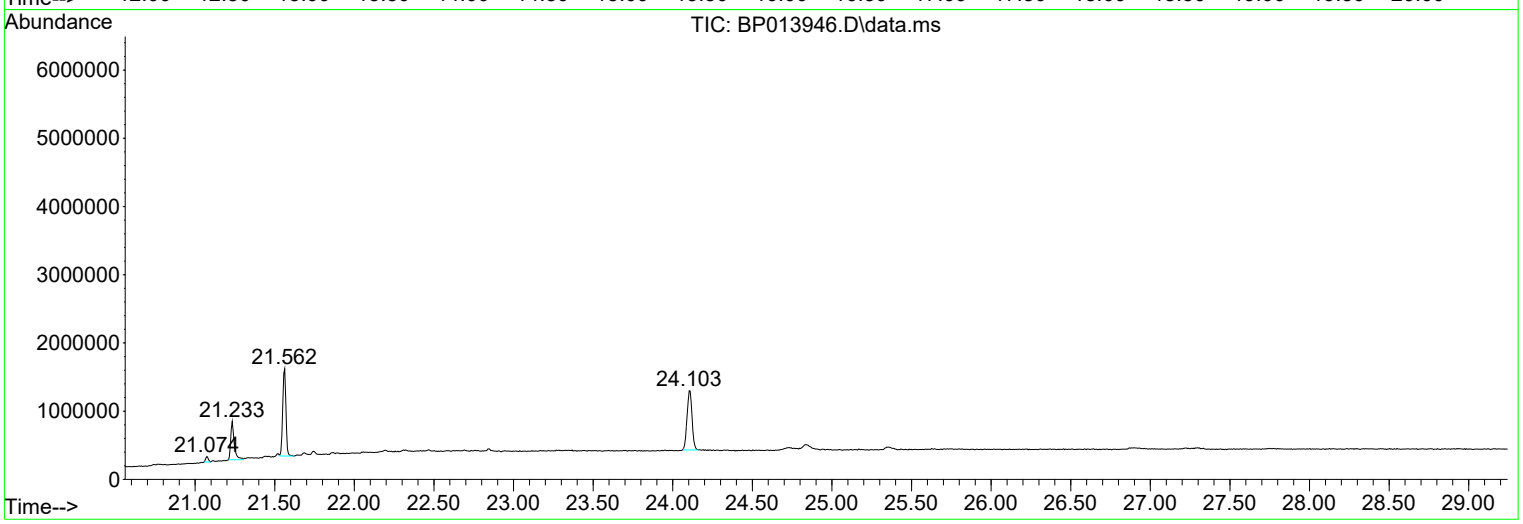
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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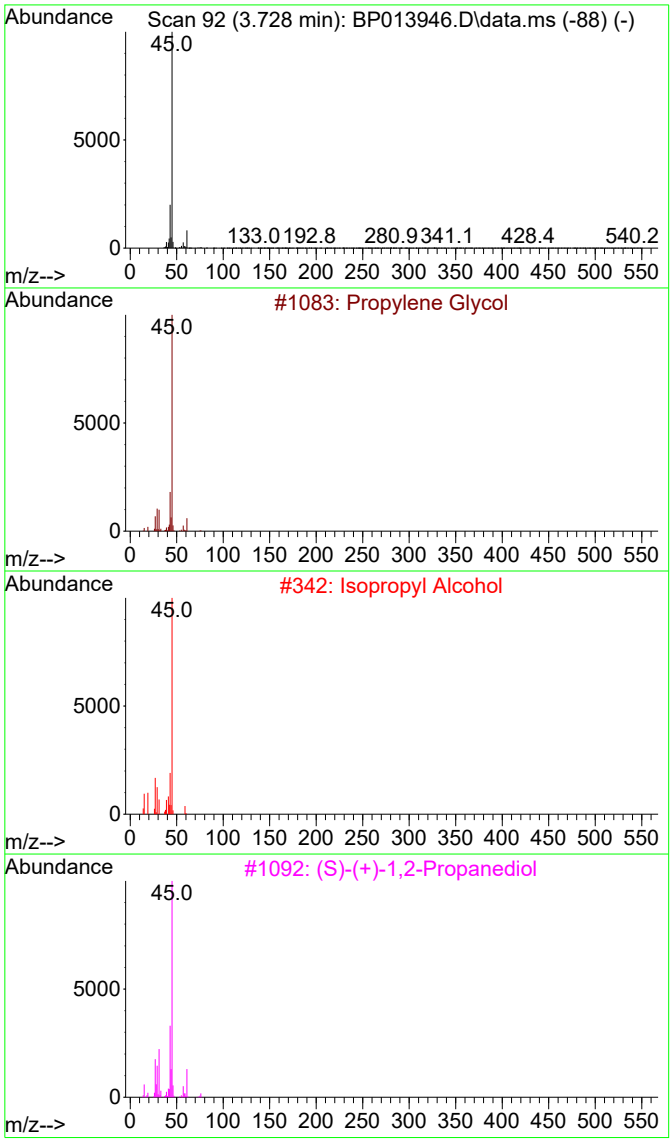
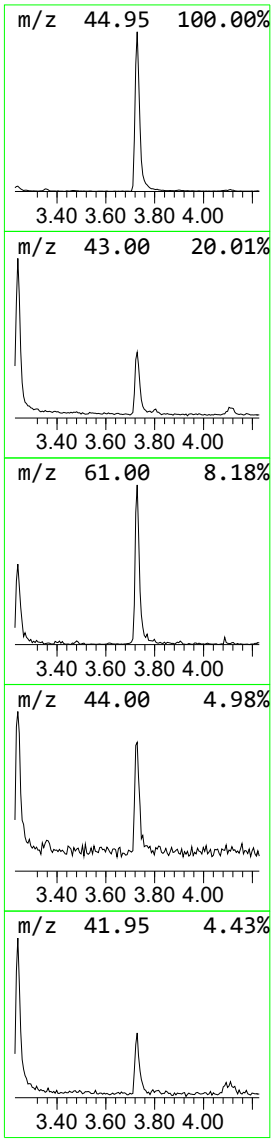
Peak Number 2 Propylene Glycol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.728	5.59 ng	175329	1,4-Dichlorobenzene-d4	8.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	86
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	40
3	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	22
4	Ethanol, 2-methoxy-, carbonate (...	178	C7H14O5	000626-84-6	9
5	2-Hexanol	102	C6H14O	000626-93-7	9





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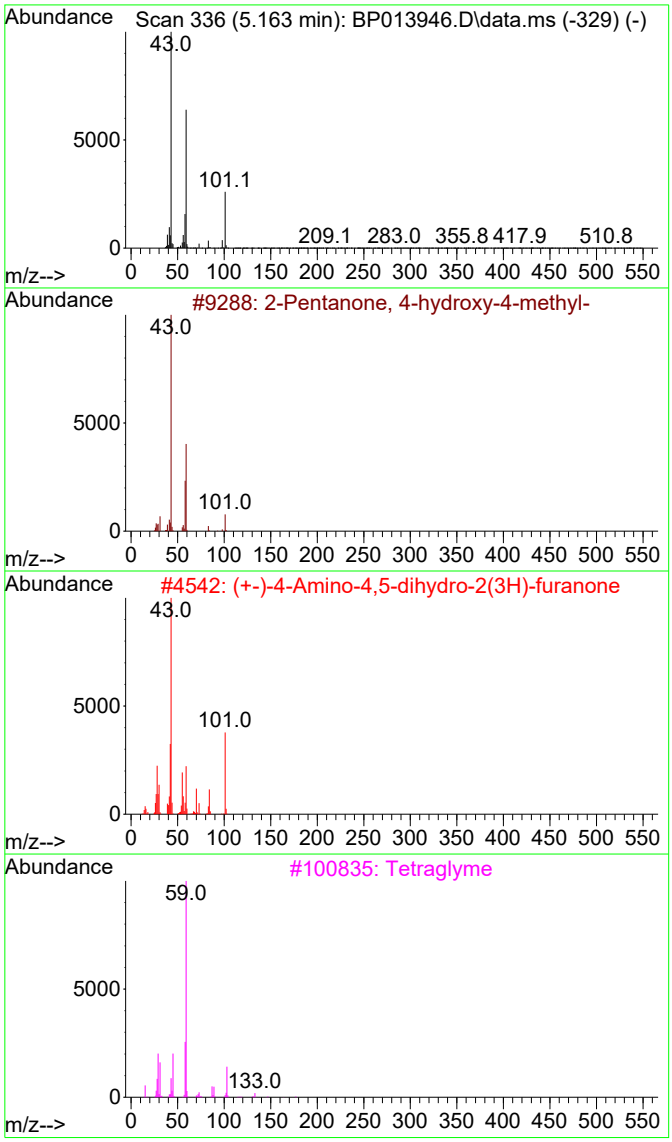
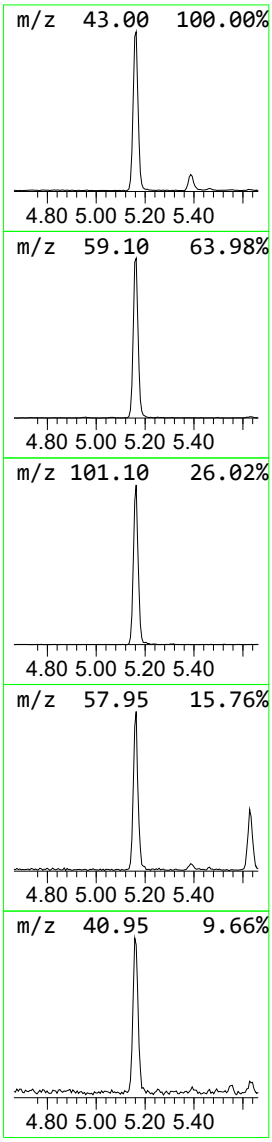
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.163	12.03 ng	377260	1,4-Dichlorobenzene-d4	8.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	28
3	Tetraglyme	222	C10H22O5	000143-24-8	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	23





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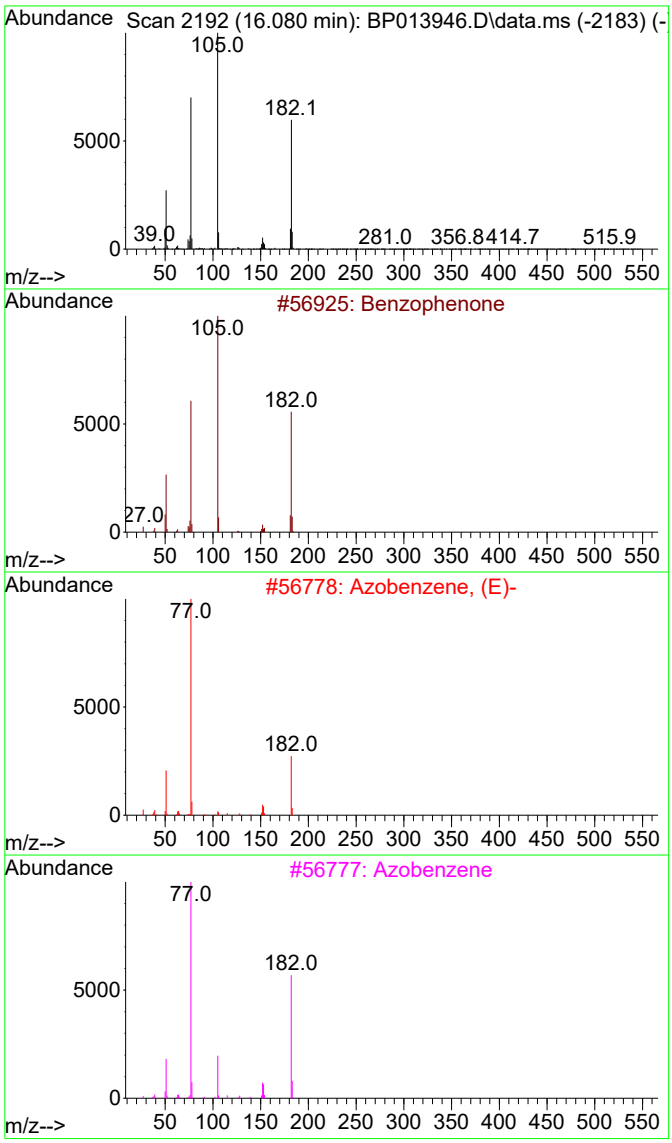
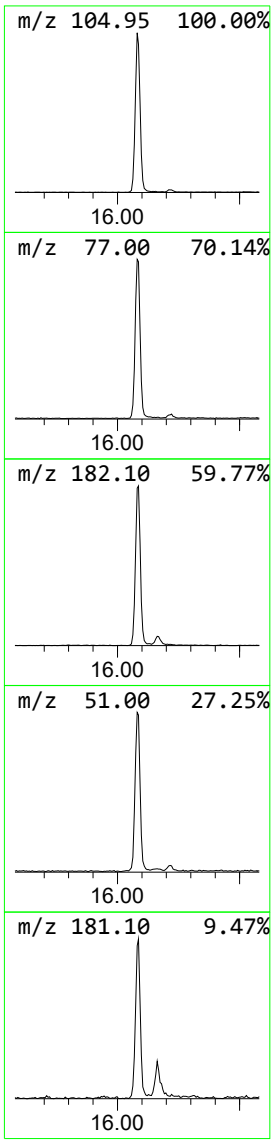
Peak Number 4 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.080	10.40 ng	581282	Acenaphthene-d10	14.727

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene, (E)-	182	C12H10N2	017082-12-1	53
3	Azobenzene	182	C12H10N2	000103-33-3	50
4	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	42





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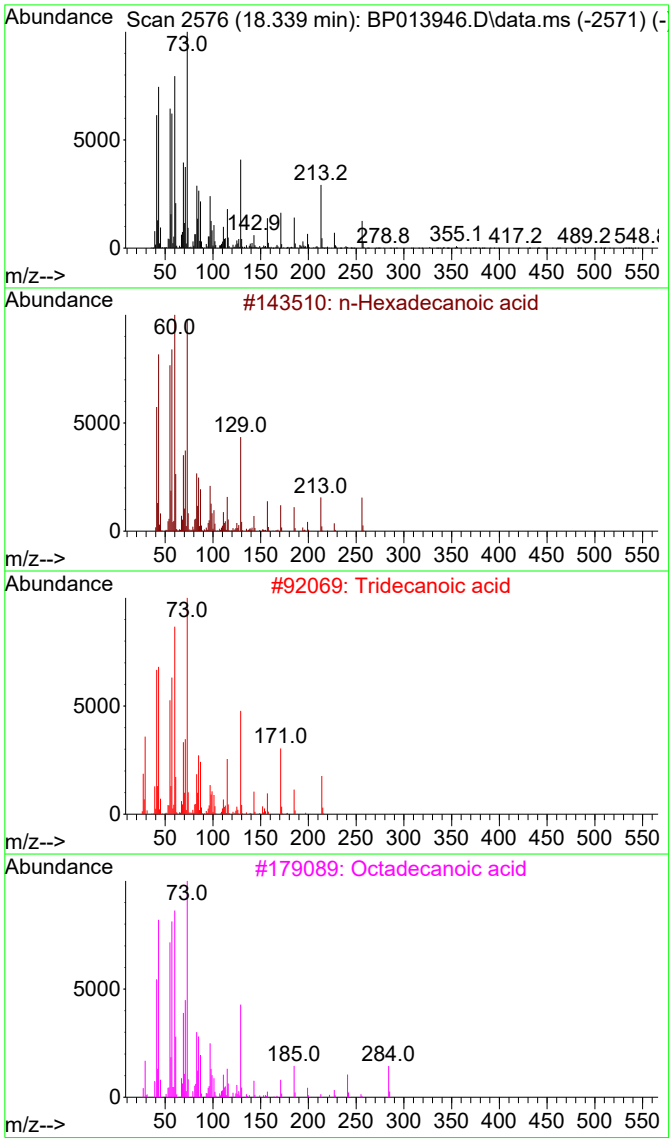
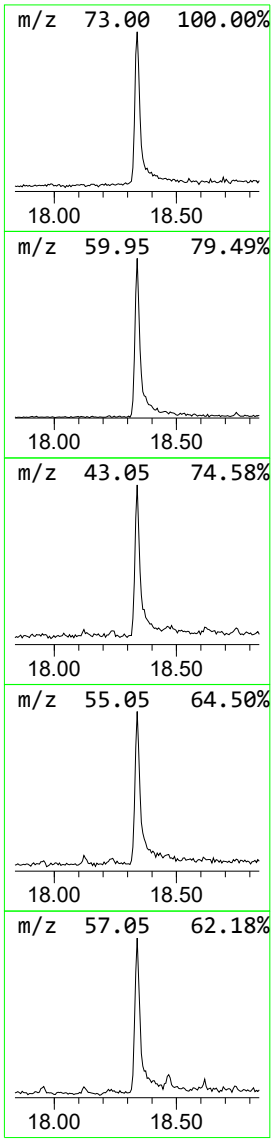
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.339	6.51 ng	470800	Phenanthrene-d10	17.480

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	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	76





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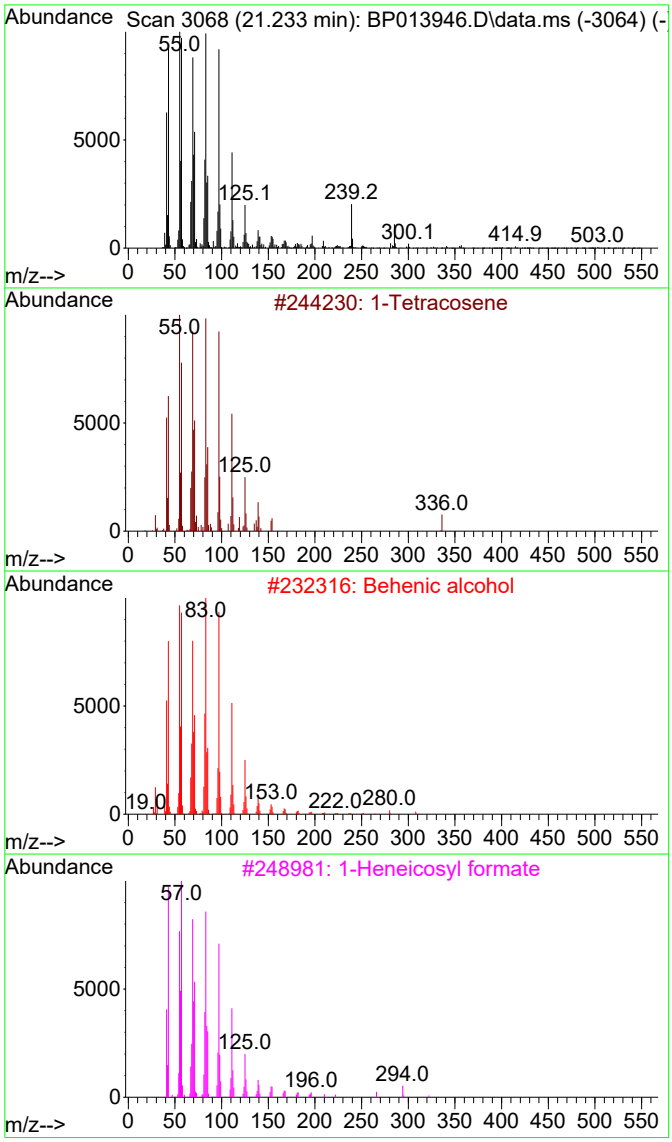
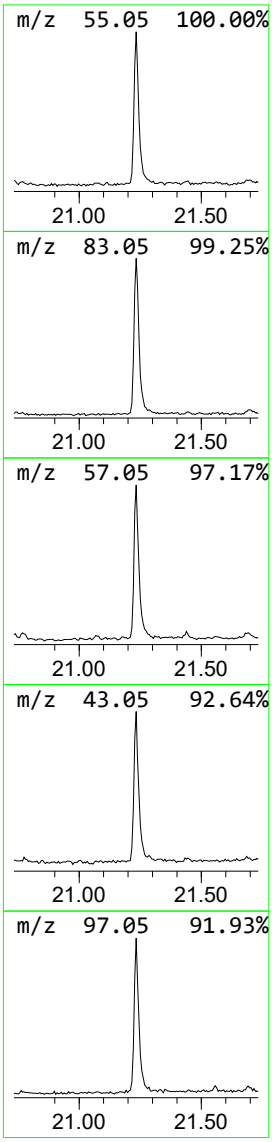
Peak Number 6 1-Tetracosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.233	9.64 ng	849686	Chrysene-d12	21.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	99
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propylene Glycol	3.728	5.6	ng	175329	1	8.092	627012	20.0
2-Pentanone, 4-...	5.163	12.0	ng	377260	1	8.092	627012	20.0
Benzophenone	16.080	10.4	ng	581282	3	14.727	1118150	20.0
n-Hexadecanoic ...	18.339	6.5	ng	470800	4	17.480	1445870	20.0
1-Tetracosene	21.233	9.6	ng	849686	5	21.562	1763300	20.0