LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021924\
Data File : BP019771.D
Acq On : 19 Feb 2024 19:44
Operator : MA/JU
Sample : P1505-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-2S

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-BP013124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP019771.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.411	220	225	233	rBV	55720	78683	1.27%	0.312%
2	5.017	319	328	339	rBV	349910	514917	8.31%	2.045%
3	5.475	398	406	416	rBV	638737	991729	16.00%	3.939%
4	7.069	670	677	688	rBV	1369798	2269769	36.61%	9.015%
5	7.899	810	818	825	rBV	305398	485725	7.84%	1.929%
6	9.069	1009	1017	1034	rBV	954900	1648813	26.60%	6.548%
7	10.699	1286	1294	1308	rBV	372889	669513	10.80%	2.659%
8	13.163	1703	1713	1726	rBV	2530999	4012062	64.72%	15.934%
9	14.534	1938	1946	1953	rBV	590618	901986	14.55%	3.582%
10	16.028	2193	2200	2220	rBV	771514	1287135	20.76%	5.112%
11	17.286	2408	2414	2419	rBV	695953	1090246	17.59%	4.330%
12	17.334	2419	2422	2428	rVB	94905	137138	2.21%	0.545%
13	18.186	2558	2567	2576	rBV2	292752	465386	7.51%	1.848%
14	19.298	2750	2756	2763	rBV	283510	411561	6.64%	1.635%
15	19.422	2773	2777	2786	rBV3	109152	155632	2.51%	0.618%
16	19.651	2808	2816	2825	rBV	265957	436434	7.04%	1.733%
17	19.857	2845	2851	2864	rBV	5109613	6199382	100.00%	24.621%
18	21.104	3059	3063	3070	rBV2	271990	348709	5.62%	1.385%
19	21.380	3104	3110	3114	rBV2	904381	1436959	23.18%	5.707%
20	21.416	3114	3116	3125	rVB	173885	250247	4.04%	0.994%
21	23.063	3392	3396	3401	rBV	121064	266286	4.30%	1.058%
22	23.798	3516	3521	3530	rVB	552715	1120595	18.08%	4.451%

Sum of corrected areas: 25178907

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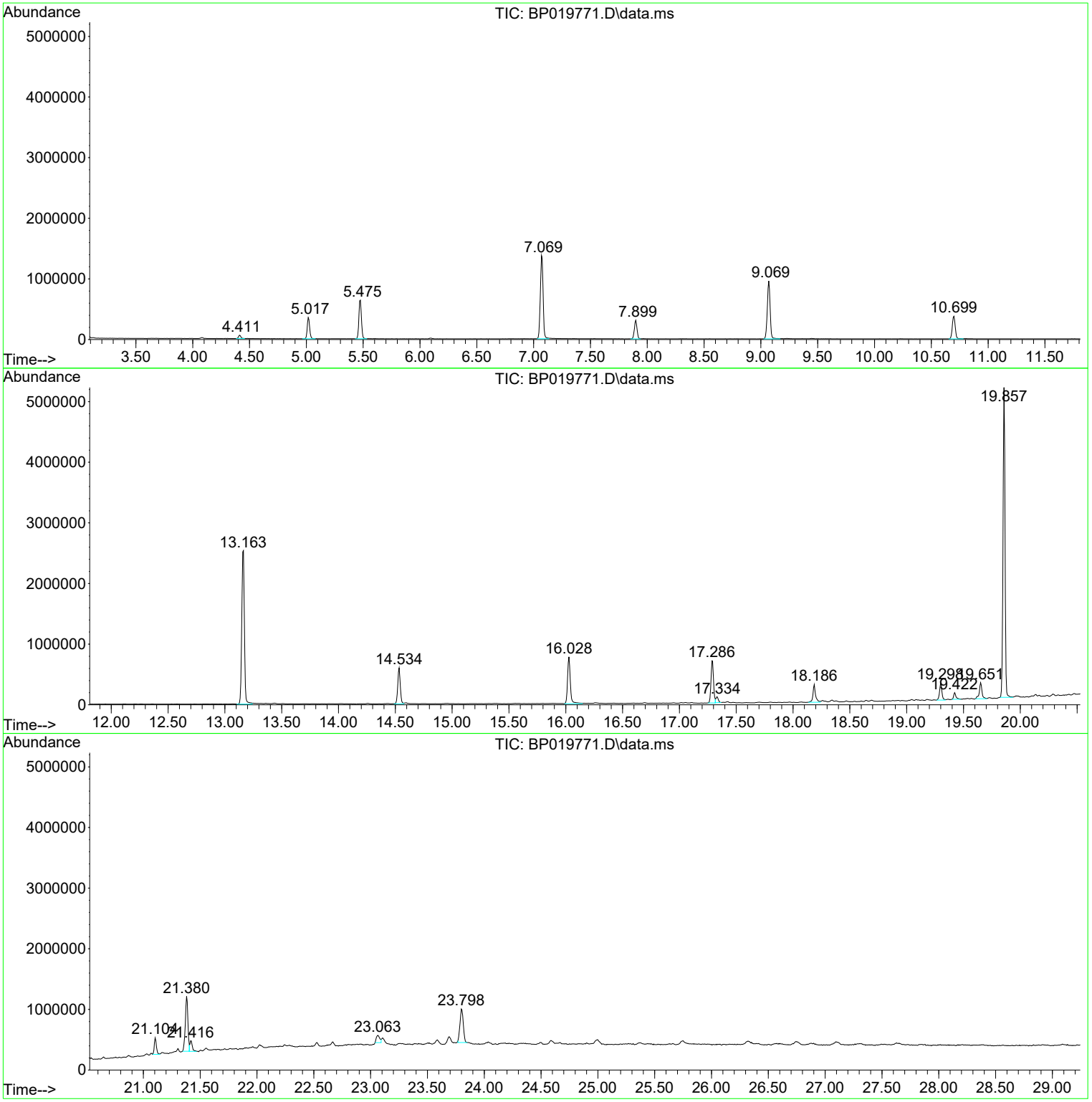
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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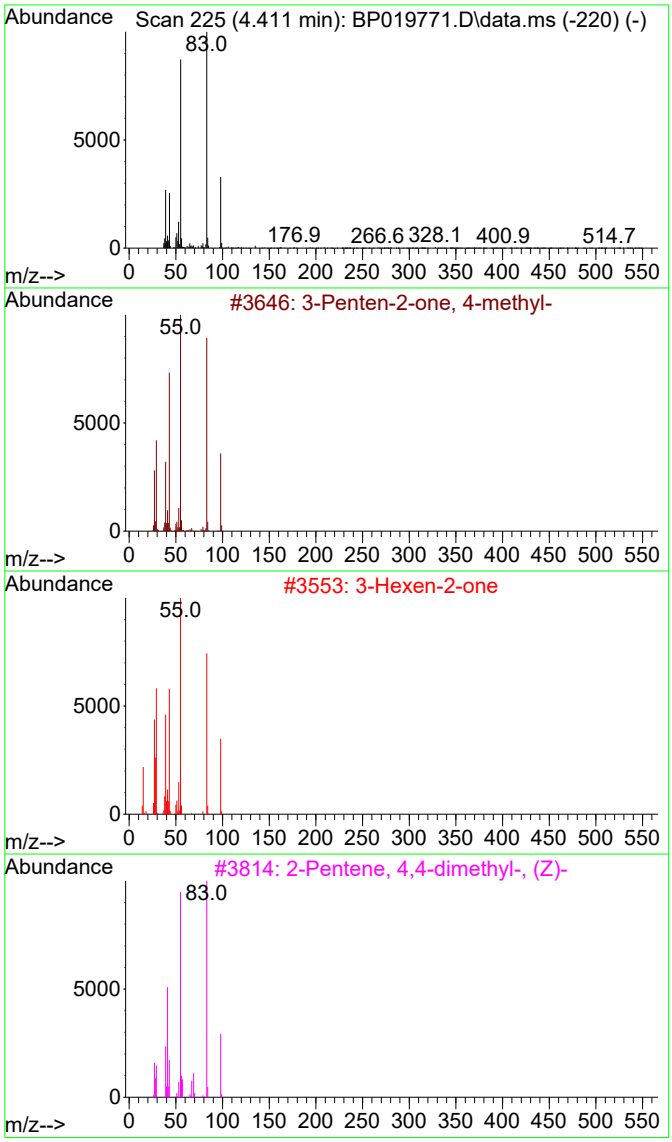
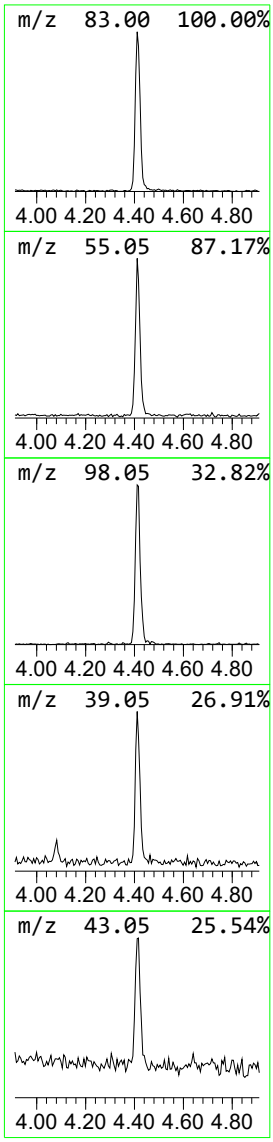
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.411	3.24 ng	78683	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
2	3-Hexen-2-one	98	C6H10O	000763-93-9	90
3	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86





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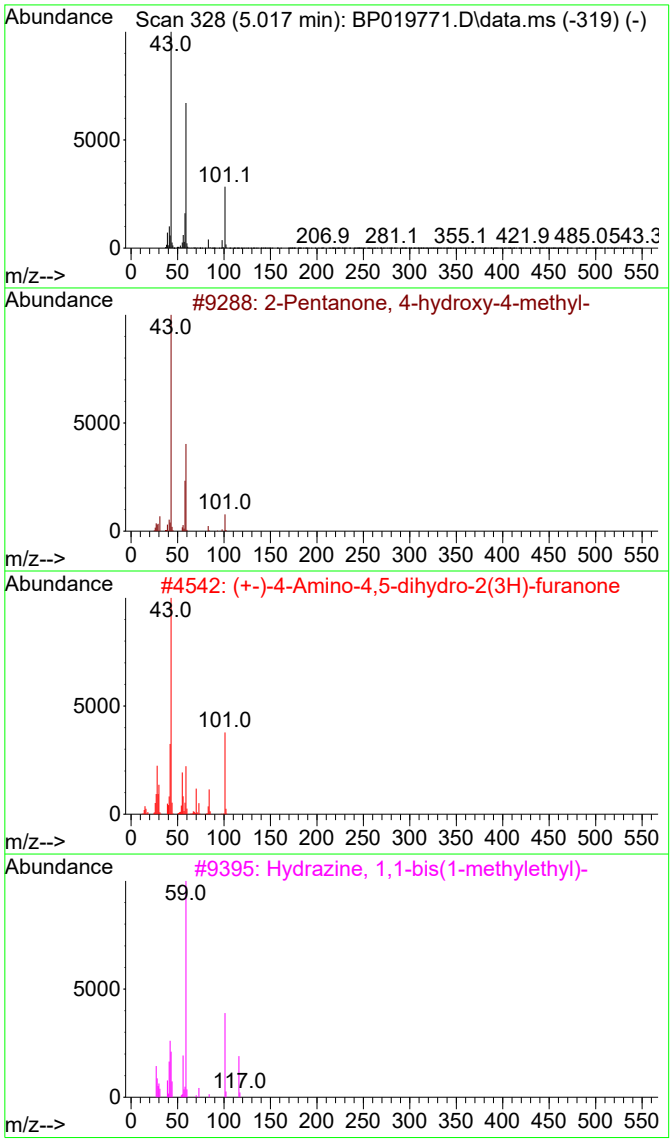
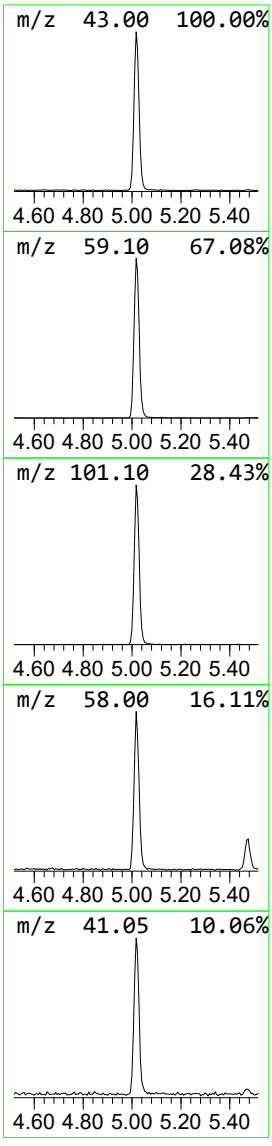
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.017	21.20 ng	514917	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	47
4	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	38
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	35





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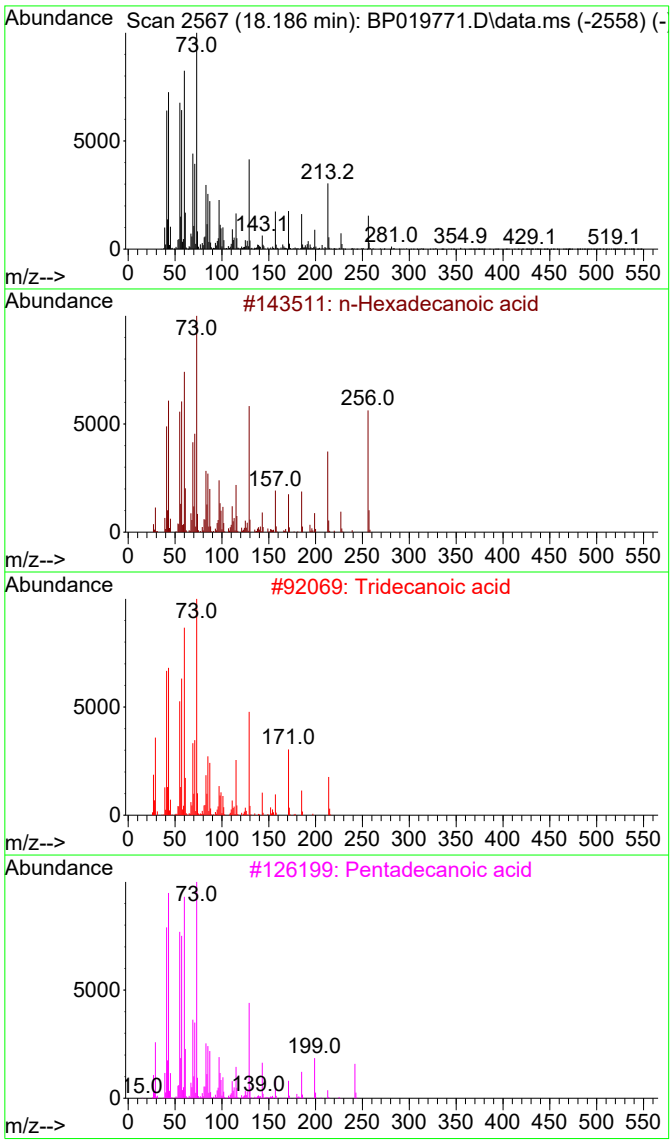
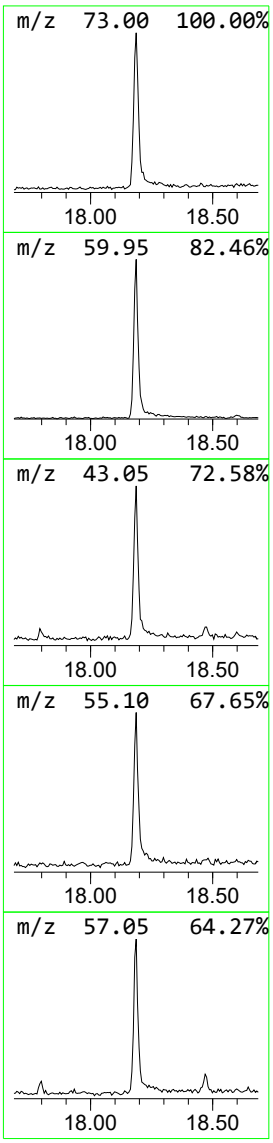
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	8.54 ng	465386	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Undecanoic acid	186	C11H22O2	000112-37-8	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	81





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BNA_P
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TIC Library : C:\Database\NIST20.L
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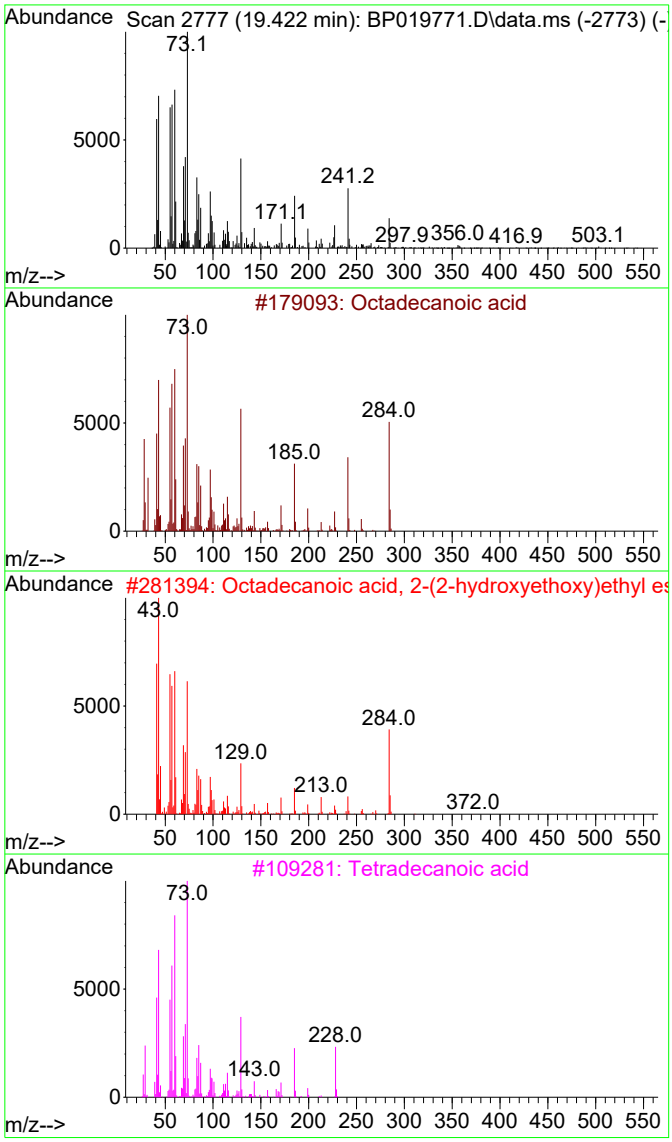
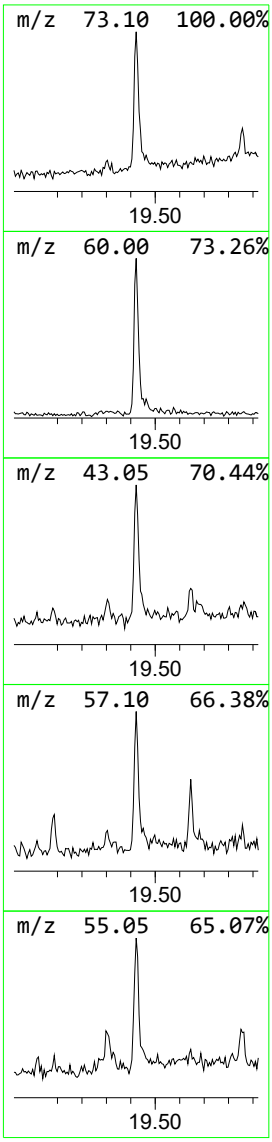
Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.422	2.17 ng	155632	Chrysene-d12	21.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





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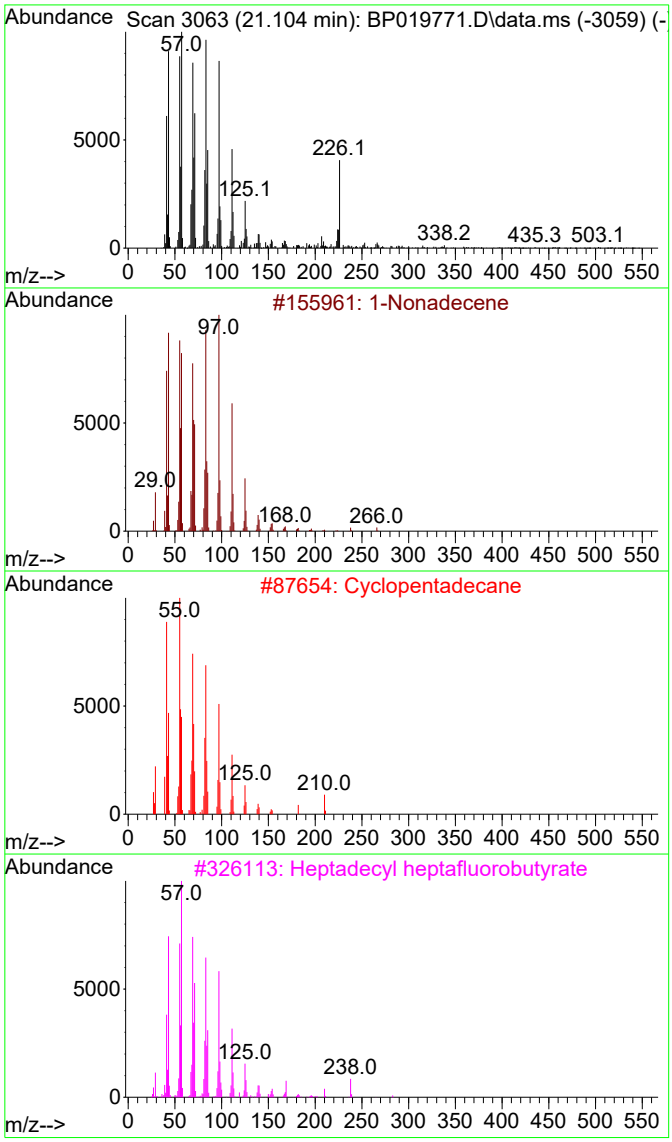
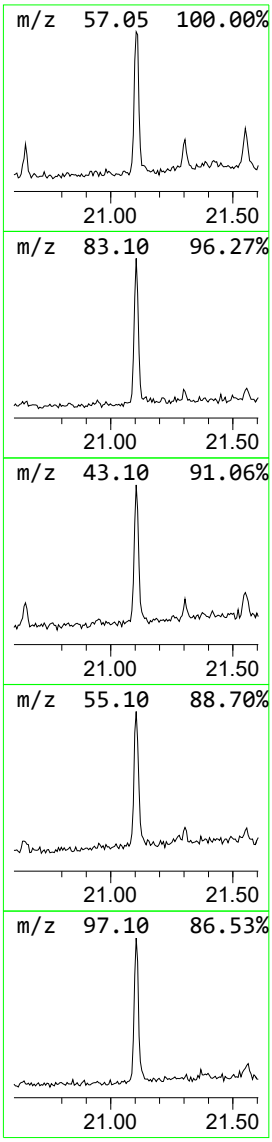
Peak Number 5 1-Nonadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.104	4.85 ng	348709	Chrysene-d12	21.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	95
2	Cyclopentadecane	210	C15H30	000295-48-7	93
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
4	E-15-Heptadecenal	252	C17H32O	1000130-97-9	92
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one,...	4.411	3.2	ng	78683	1	7.899	485725	20.0
2-Pentanone, 4-...	5.017	21.2	ng	514917	1	7.899	485725	20.0
n-Hexadecanoic ...	18.186	8.5	ng	465386	4	17.292	1090250	20.0
Octadecanoic acid	19.422	2.2	ng	155632	5	21.380	1436960	20.0
1-Nonadecene	21.104	4.8	ng	348709	5	21.380	1436960	20.0