LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
Data File : BP024914.D
Acq On : 11 Jun 2025 16:24
Operator : RC/JU
Sample : Q2244-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP03-MHC

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-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024914.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.772	306	312	321	rBV	304668	446092	3.58%	0.720%
2	5.237	385	391	412	rBV	3270432	5137191	41.22%	8.294%
3	6.813	652	659	691	rBV	3183280	5635792	45.23%	9.099%
4	7.607	787	794	803	rBV	912091	1423039	11.42%	2.298%
5	8.760	982	990	1011	rBV	1938324	3422692	27.47%	5.526%
6	10.384	1258	1266	1281	rBV	1179927	1959946	15.73%	3.164%
7	12.860	1679	1687	1699	rBV	4467208	6916629	55.50%	11.167%
8	14.254	1917	1924	1939	rBV	1640881	2510212	20.14%	4.053%
9	15.636	2153	2159	2166	rBV	570876	833015	6.68%	1.345%
10	15.778	2176	2183	2201	rBV	4006576	6820679	54.73%	11.012%
11	17.060	2395	2401	2413	rBV2	2207843	3173287	25.47%	5.123%
12	18.001	2556	2561	2571	rBV	607785	1060421	8.51%	1.712%
13	19.236	2767	2771	2780	rVB	105456	155913	1.25%	0.252%
14	19.336	2784	2788	2797	rBV2	179483	335929	2.70%	0.542%
15	19.483	2809	2813	2819	rVB	212458	239077	1.92%	0.386%
16	19.783	2859	2864	2873	rBV	9730686	12461349	100.00%	20.119%
17	20.577	2996	2999	3004	rBV	174392	212017	1.70%	0.342%
18	21.160	3094	3098	3107	rVB	389327	643209	5.16%	1.038%
19	21.489	3149	3154	3161	rBV	2795647	4016548	32.23%	6.485%
20	24.754	3701	3709	3720	rVB2	1503981	4535409	36.40%	7.322%

Sum of corrected areas: 61938446

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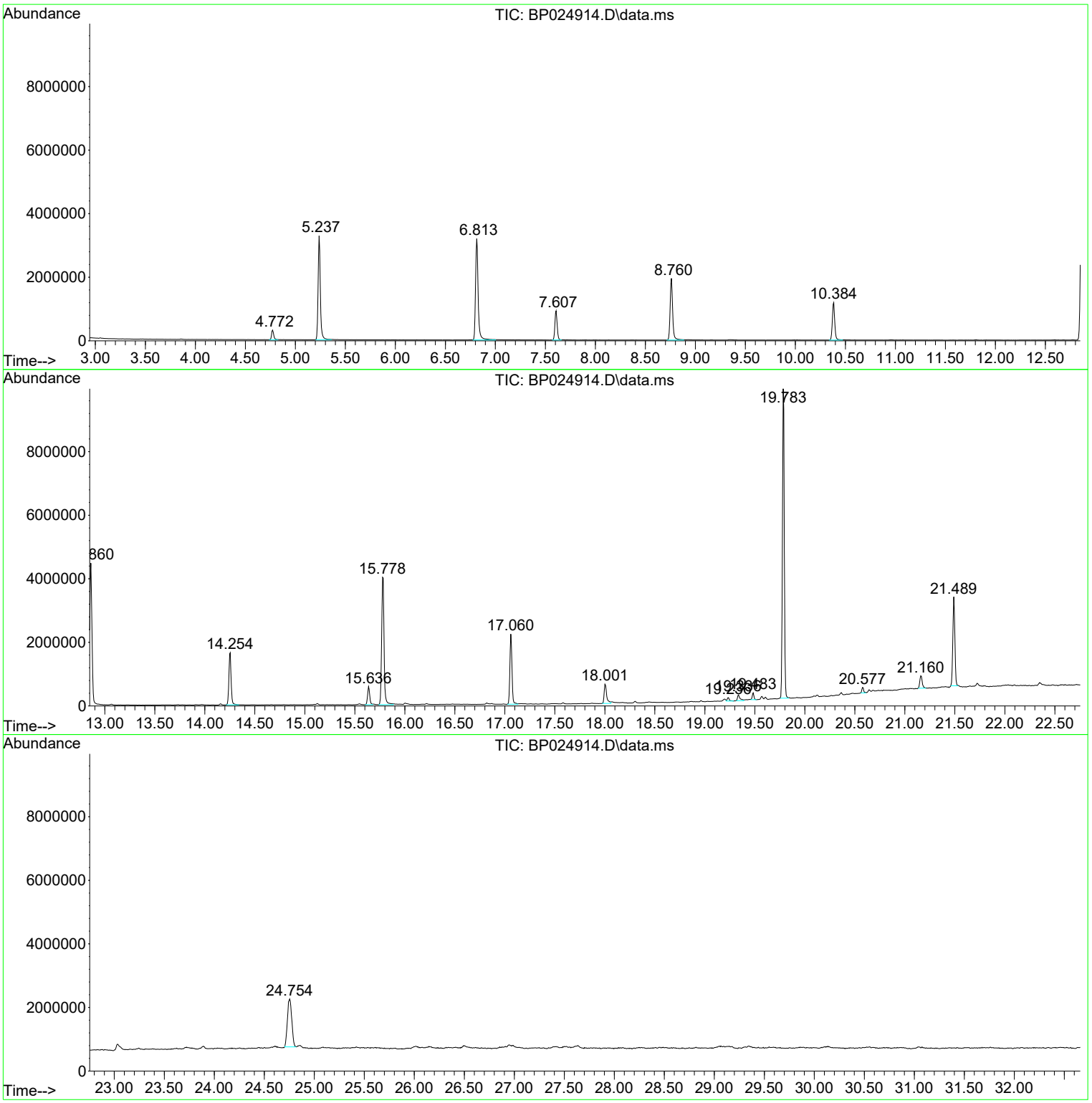
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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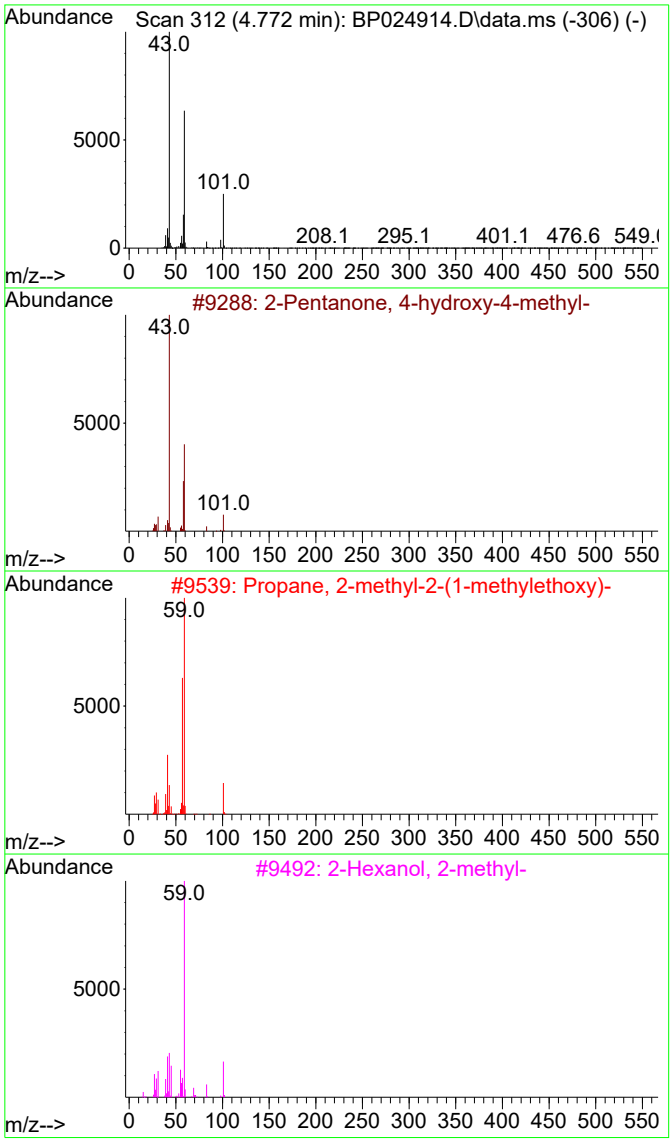
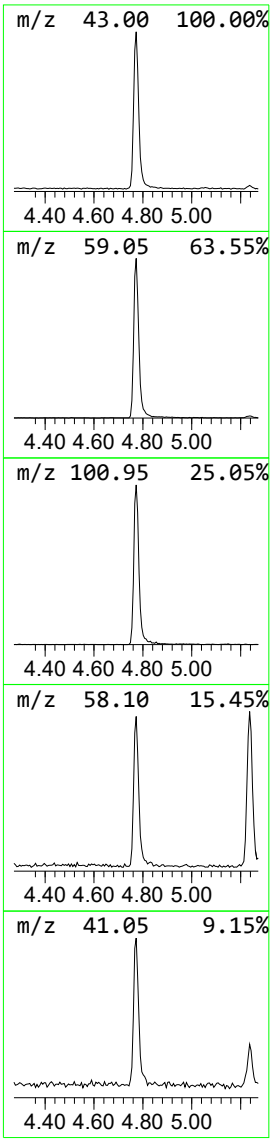
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.772	6.27 ng	446092	1,4-Dichlorobenzene-d4	7.607

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	50
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





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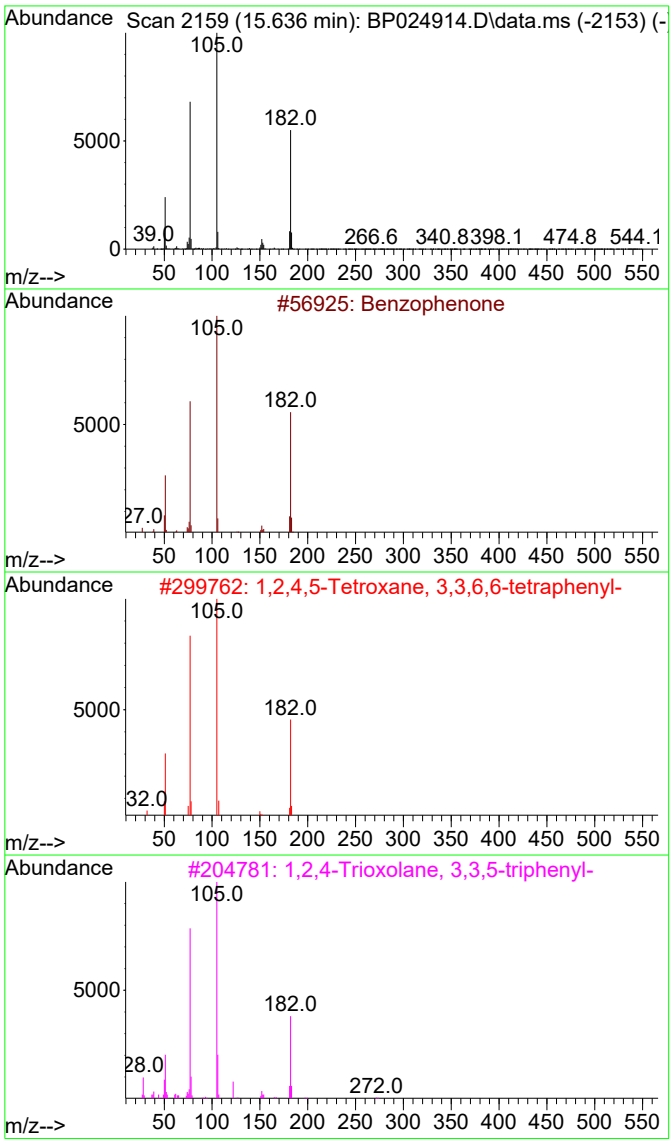
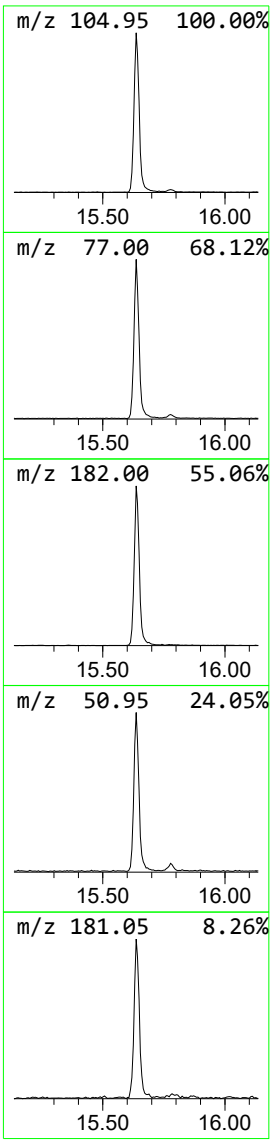
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.636	6.64 ng	833015	Acenaphthene-d10	14.254

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	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	64
4	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
5	Azobenzene	182	C12H10N2	000103-33-3	45





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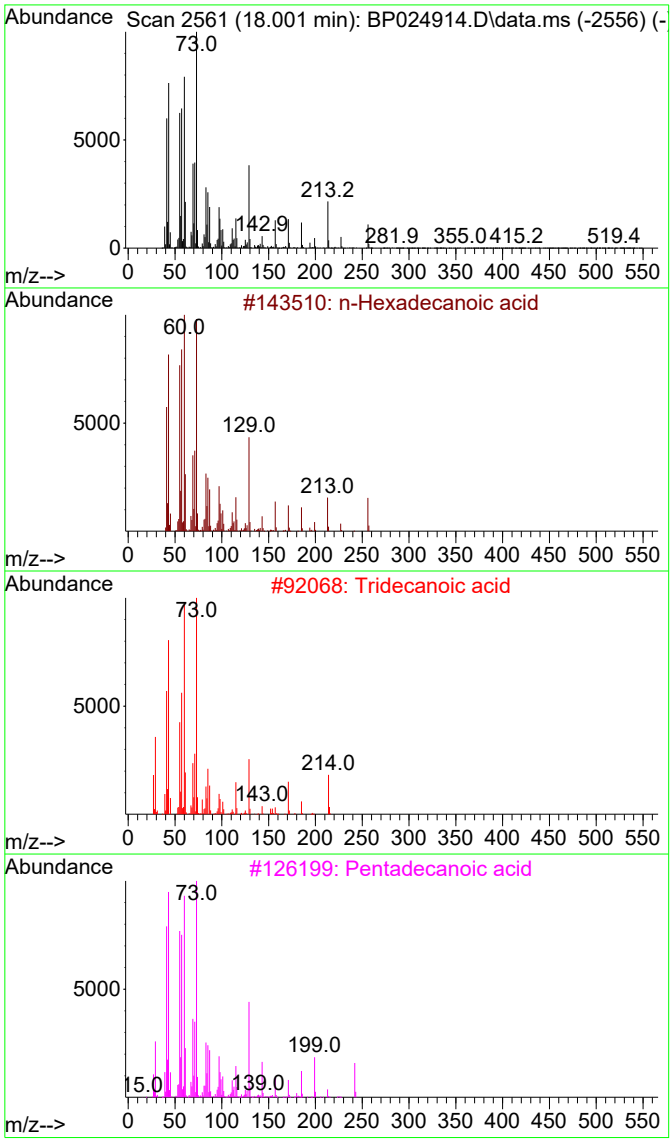
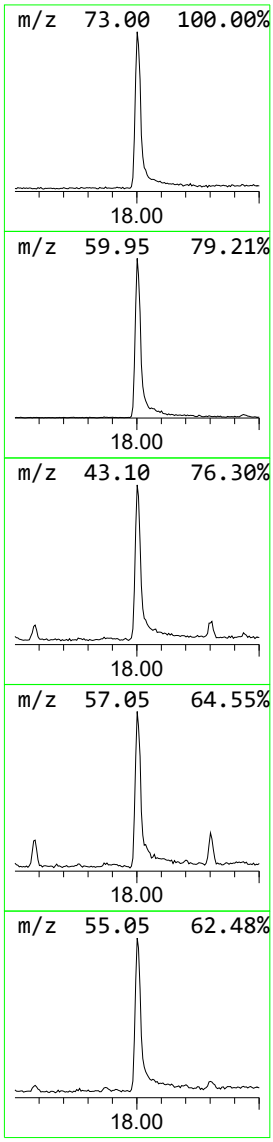
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.001	6.68 ng	1060420	Phenanthrene-d10	17.060

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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80





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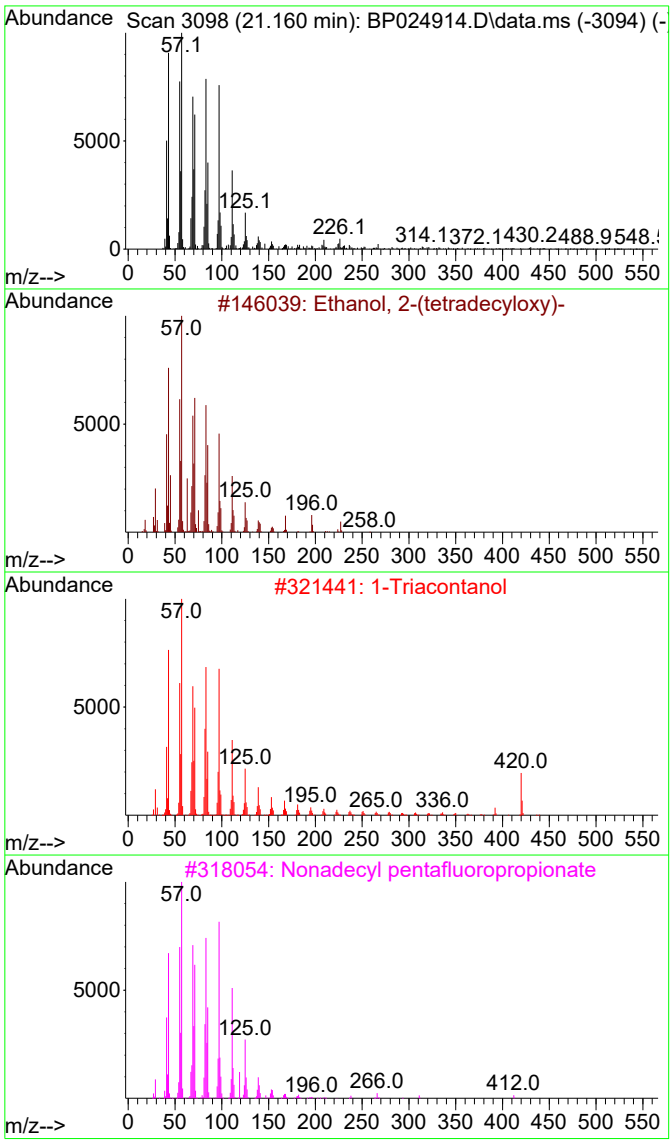
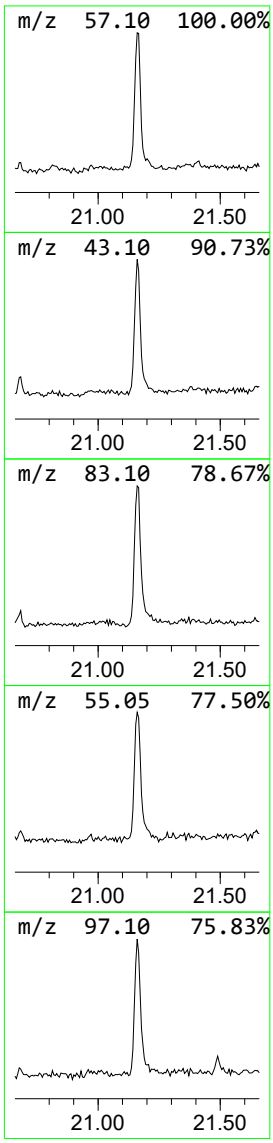
****
Peak Number 4 Ethanol, 2-(tetradecyloxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.160	3.20 ng	643209	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	94
2	1-Triacontanol	438	C30H62O	000593-50-0	94
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94





Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.772	6.3	ng	446092	1	7.607	1423040	20.0
Benzophenone	15.636	6.6	ng	833015	3	14.254	2510210	20.0
n-Hexadecanoic ...	18.001	6.7	ng	1060420	4	17.060	3173290	20.0
Ethanol, 2-(tet...	21.160	3.2	ng	643209	5	21.489	4016550	20.0