LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024424.D
Acq On : 25 Apr 2025 15:49
Operator : RC/JU
Sample : Q1867-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ211

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024424.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.881	300	305	317	rVB	186952	266442	2.93%	0.616%
2	5.340	376	383	401	rBV	2031439	2948922	32.41%	6.822%
3	6.905	640	649	663	rBV	1861347	3133712	34.44%	7.249%
4	7.716	779	787	796	rBV	509388	849608	9.34%	1.965%
5	8.863	974	982	1006	rBV	1102268	2014000	22.13%	4.659%
6	10.487	1250	1258	1271	rBV	708182	1239892	13.63%	2.868%
7	12.951	1670	1677	1696	rBV	3201560	4799445	52.75%	11.103%
8	14.340	1906	1913	1920	rBV	1141740	1720258	18.91%	3.980%
9	15.716	2141	2147	2162	rBV	321963	463748	5.10%	1.073%
10	15.851	2162	2170	2186	rBV	3138432	4746221	52.16%	10.980%
11	17.134	2380	2388	2393	rBV	1476627	2271608	24.96%	5.255%
12	17.175	2393	2395	2402	rVV	230273	305653	3.36%	0.707%
13	18.069	2538	2547	2557	rBV2	446042	759216	8.34%	1.756%
14	19.016	2705	2708	2711	rBV2	73108	93921	1.03%	0.217%
15	19.051	2711	2714	2718	rVB	161282	179397	1.97%	0.415%
16	19.257	2744	2749	2759	rBV	472243	692326	7.61%	1.602%
17	19.398	2769	2773	2782	rBV2	183289	301266	3.31%	0.697%
18	19.633	2809	2813	2817	rVB	374171	483115	5.31%	1.118%
19	19.857	2844	2851	2864	rVB	6520105	9099307	100.00%	21.050%
20	21.245	3083	3087	3095	rBV	242118	371218	4.08%	0.859%
21	21.492	3125	3129	3134	rBV	172938	231213	2.54%	0.535%
22	21.569	3135	3142	3147	rBV2	1706676	3186802	35.02%	7.372%
23	24.898	3700	3708	3723	rVB2	1041765	3069465	33.73%	7.101%

Sum of corrected areas: 43226755

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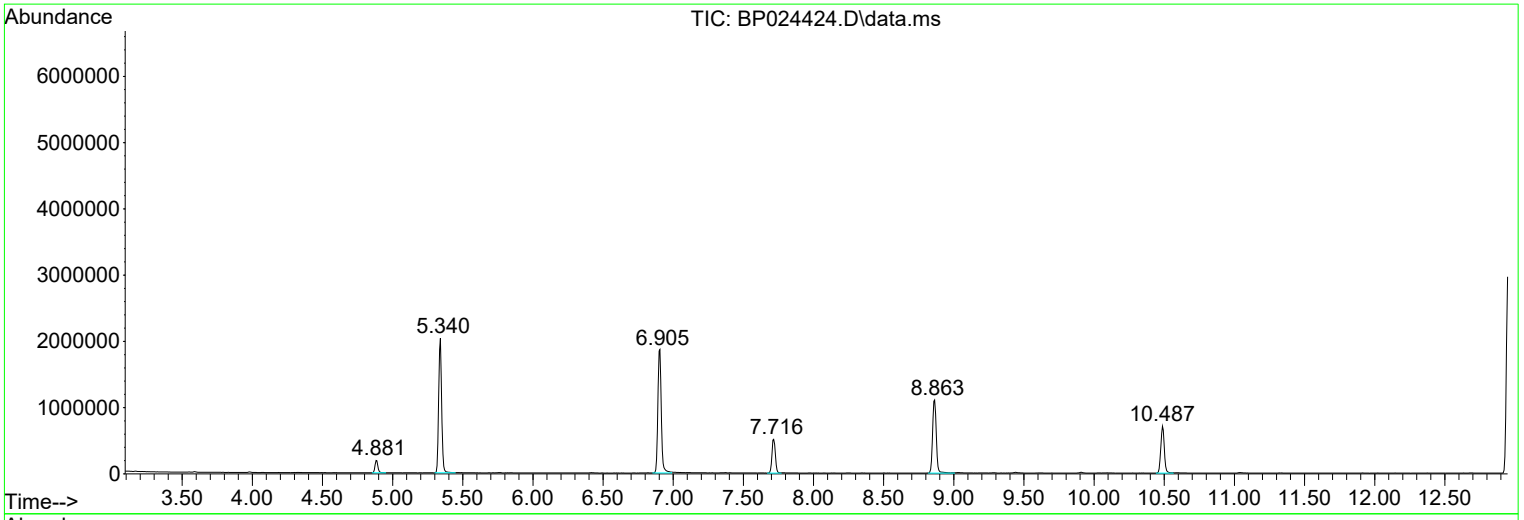
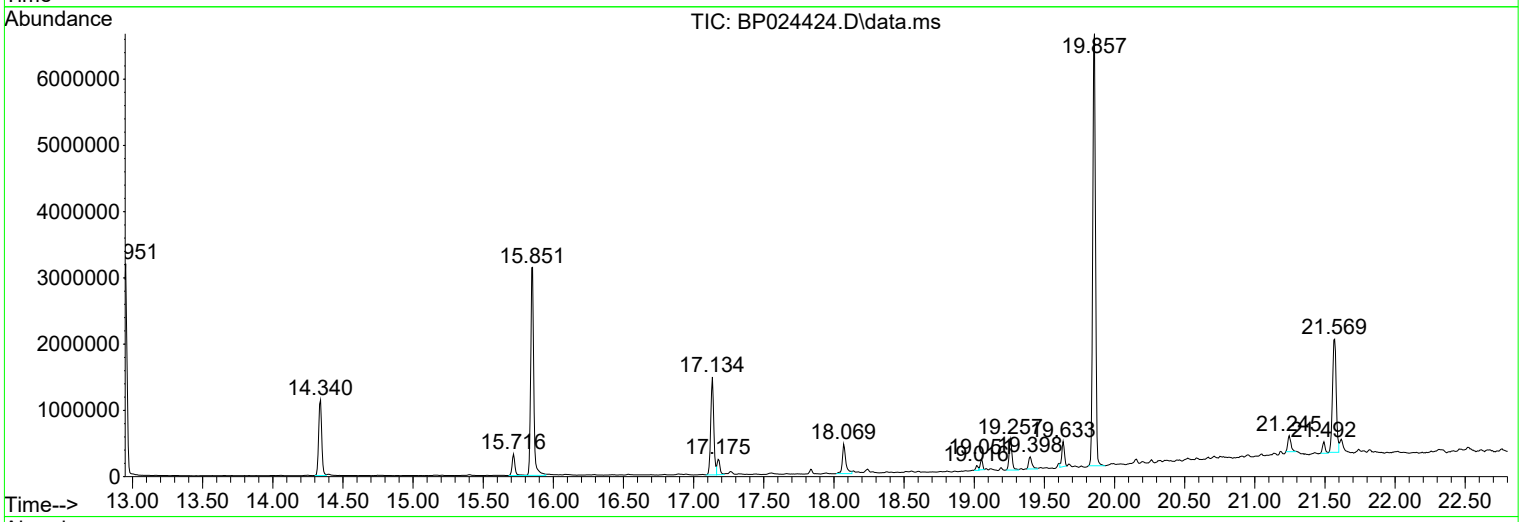
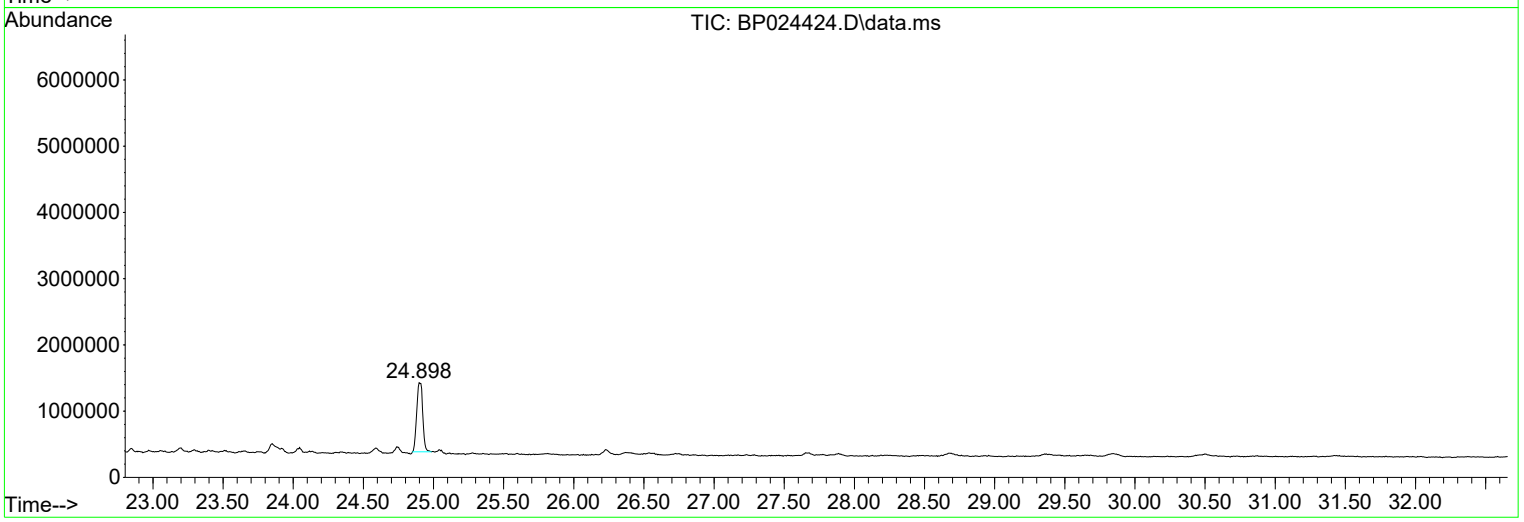
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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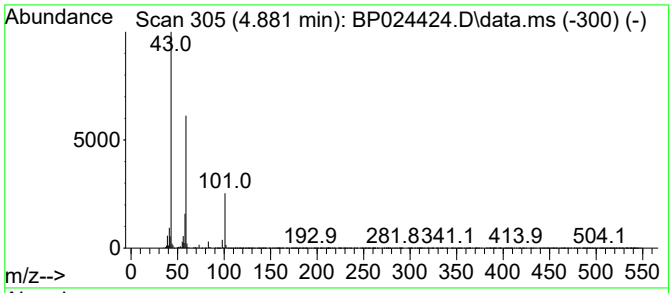
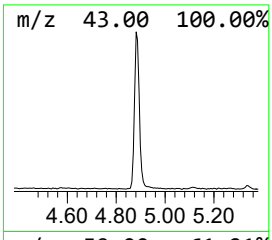
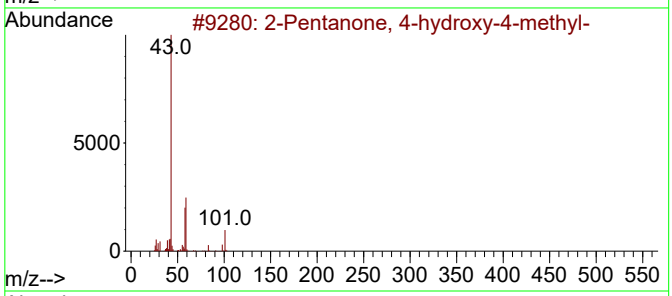
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

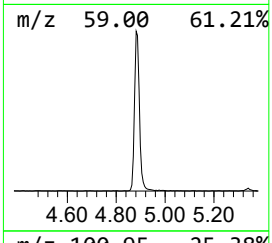
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.881	6.27 ng	266442	1,4-Dichlorobenzene-d4	7.716

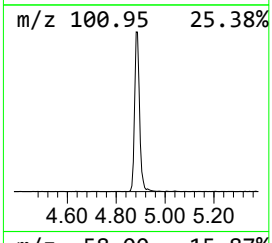
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5	Acetone	58	C3H6O	000067-64-1	10

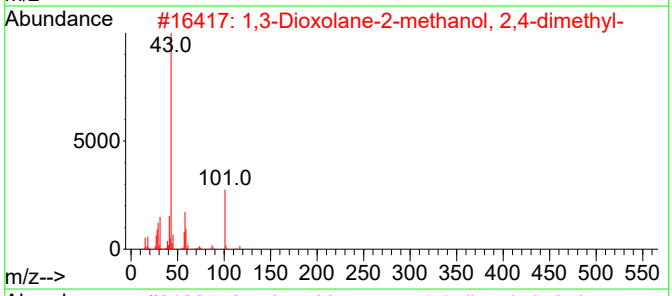


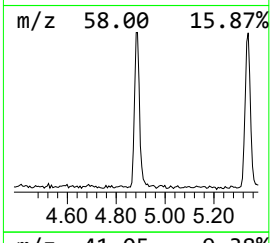


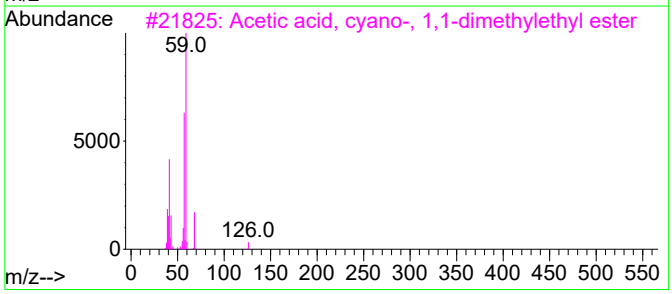


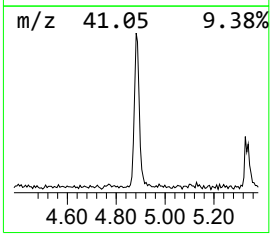












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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

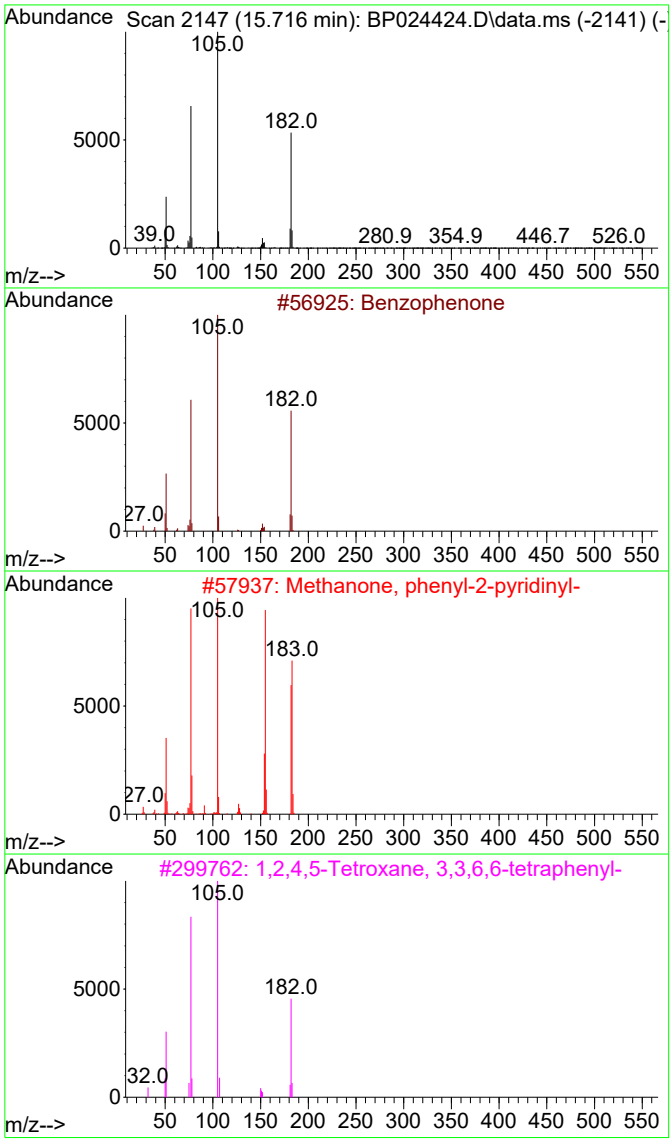
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

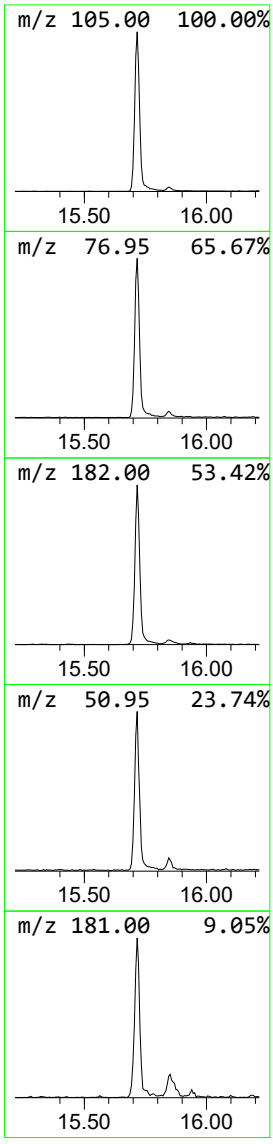
****

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.716	5.39 ng	463748	Acenaphthene-d10	14.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	72
3	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
4	Azobenzene	182	C12H10N2	000103-33-3	58
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	40





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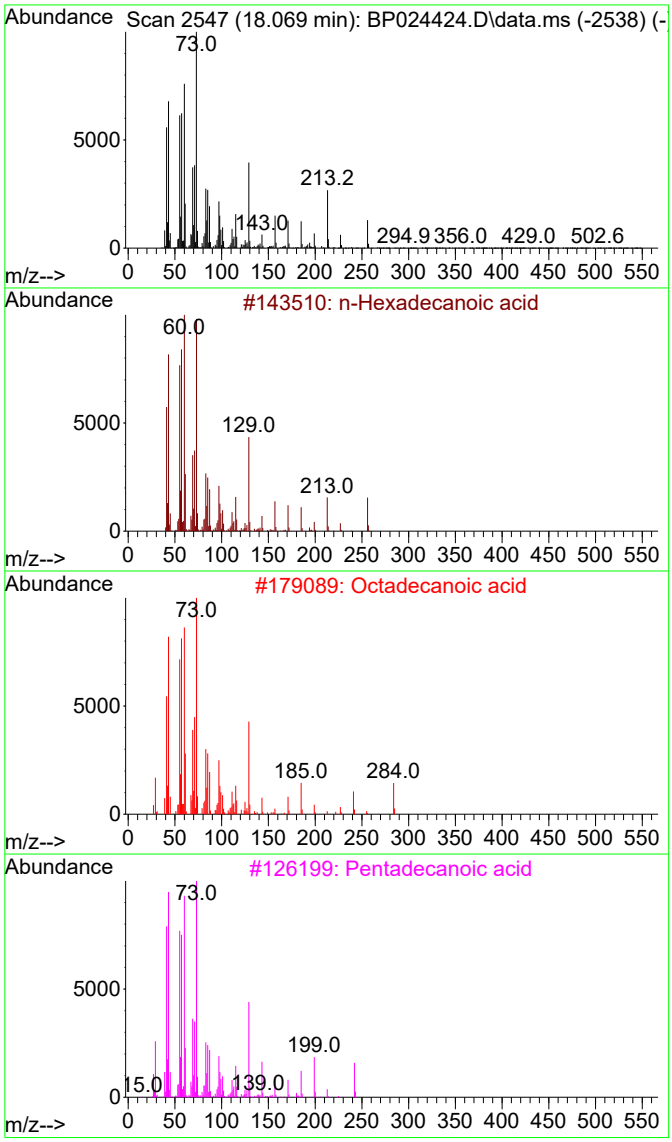
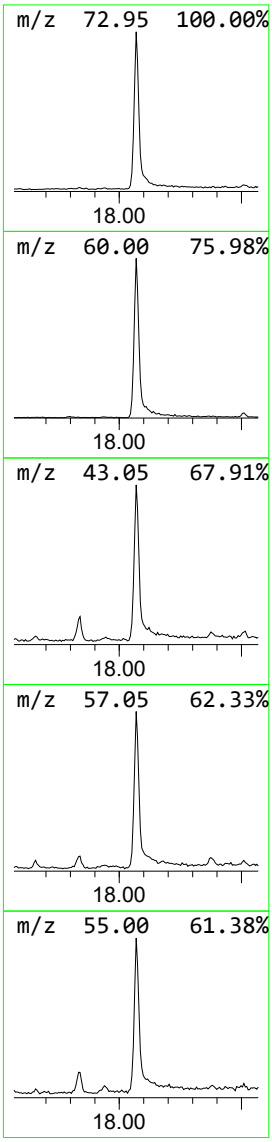
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.069	6.68 ng	759216	Phenanthrene-d10	17.134

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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80





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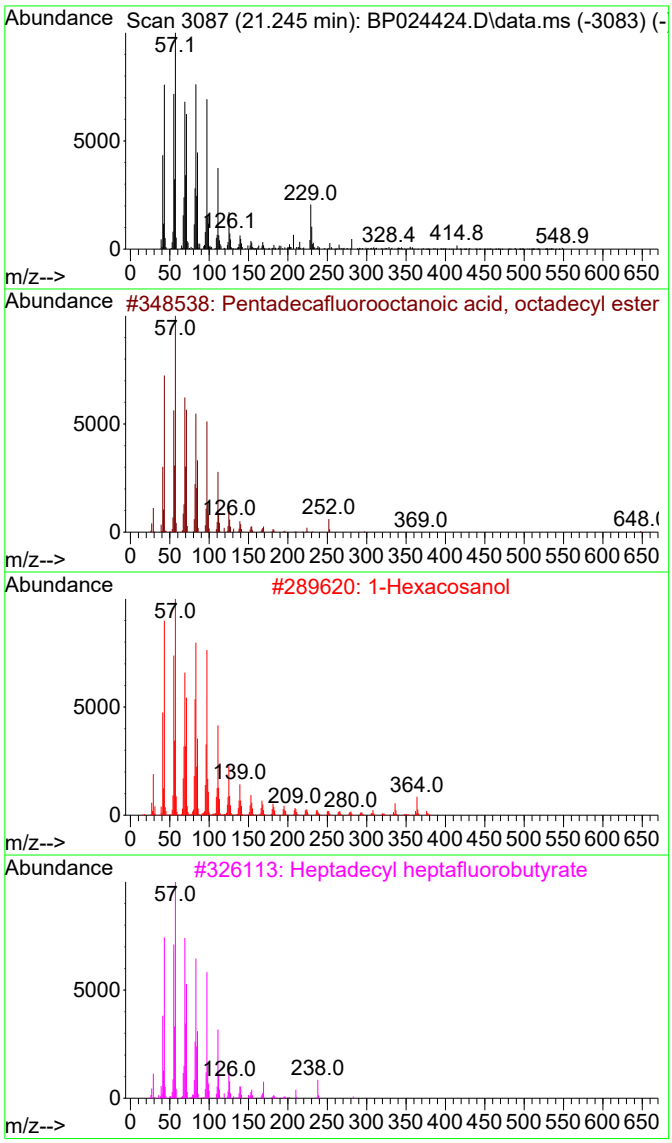
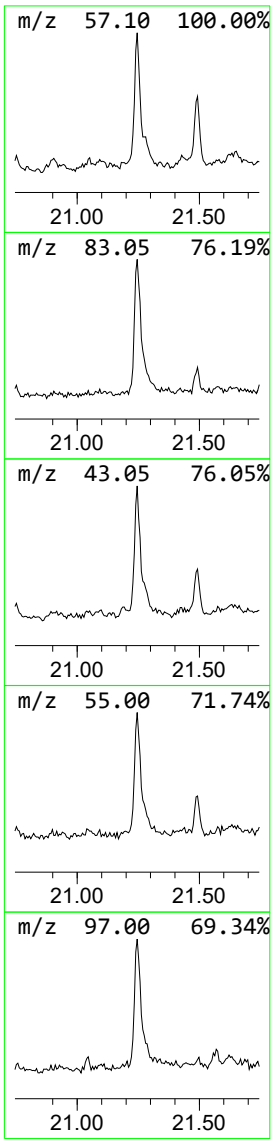
****
Peak Number 4 Pentadecafluorooctanoic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.245	2.33 ng	371218	Chrysene-d12	21.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
2	1-Hexacosanol	382	C26H54O	000506-52-5	91
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	87
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	87





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
2-Pentanone, 4-...	4.881	6.3	ng	266442	1	7.716	849608	20.0
Benzophenone	15.716	5.4	ng	463748	3	14.340	1720260	20.0
n-Hexadecanoic ...	18.069	6.7	ng	759216	4	17.134	2271610	20.0
Pentadecafluoro...	21.245	2.3	ng	371218	5	21.563	3186800	20.0