LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100325\
Data File : BP025917.D
Acq On : 03 Oct 2025 17:02
Operator : CG/JU
Sample : Q3270-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SG-1-TEST-PIT

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-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025917.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.008	7	12	23	rVB	1542961	1801450	24.30%	4.299%
2	5.378	408	415	437	rBV	2041799	3476116	46.88%	8.296%
3	6.937	673	680	708	rBV	1682604	3564952	48.08%	8.508%
4	7.737	808	816	833	rBV	552484	928978	12.53%	2.217%
5	8.884	1002	1011	1034	rBV	1104815	2283357	30.79%	5.450%
6	10.507	1279	1287	1303	rBV	605513	1247965	16.83%	2.978%
7	12.954	1696	1703	1722	rBV	2816843	4815940	64.95%	11.494%
8	14.348	1933	1940	1959	rBV	926225	1707770	23.03%	4.076%
9	15.731	2168	2175	2187	rBV	379801	654012	8.82%	1.561%
10	15.866	2191	2198	2225	rVV	2288991	4280065	57.72%	10.215%
11	17.148	2409	2416	2431	rBV	1296661	2086333	28.14%	4.979%
12	18.077	2568	2574	2591	rBV	946203	1703699	22.98%	4.066%
13	19.283	2774	2779	2784	rBV	99039	155969	2.10%	0.372%
14	19.419	2797	2802	2808	rBV2	180484	355227	4.79%	0.848%
15	19.660	2840	2843	2851	rVB	63825	99901	1.35%	0.238%
16	19.866	2873	2878	2889	rBV	5307150	7414708	100.00%	17.696%
17	21.248	3109	3113	3121	rBV	466026	729085	9.83%	1.740%
18	21.595	3166	3172	3178	rBV2	1321602	2285189	30.82%	5.454%
19	24.954	3735	3743	3754	rVB	934437	2308861	31.14%	5.510%

Sum of corrected areas: 41899577

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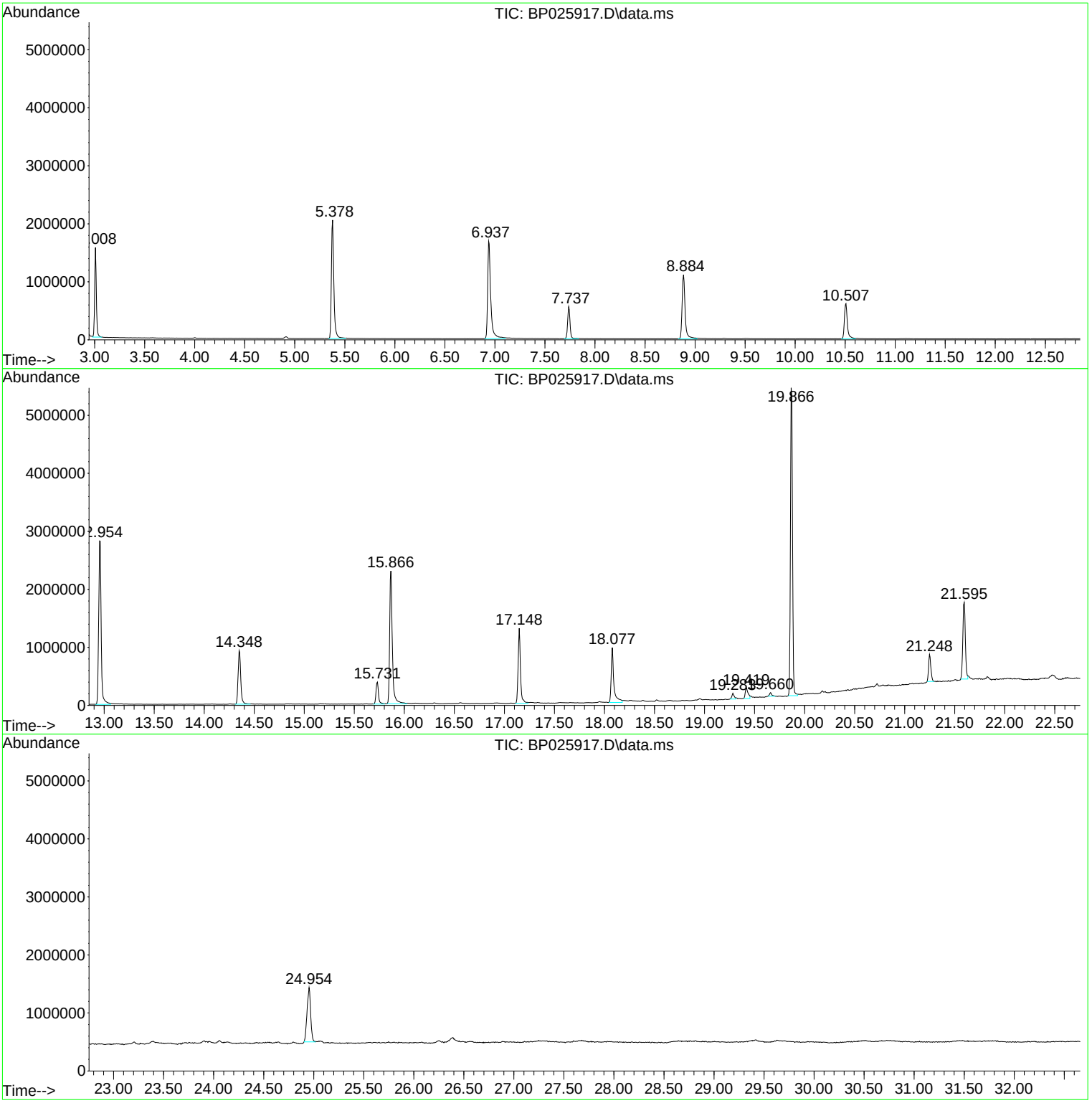
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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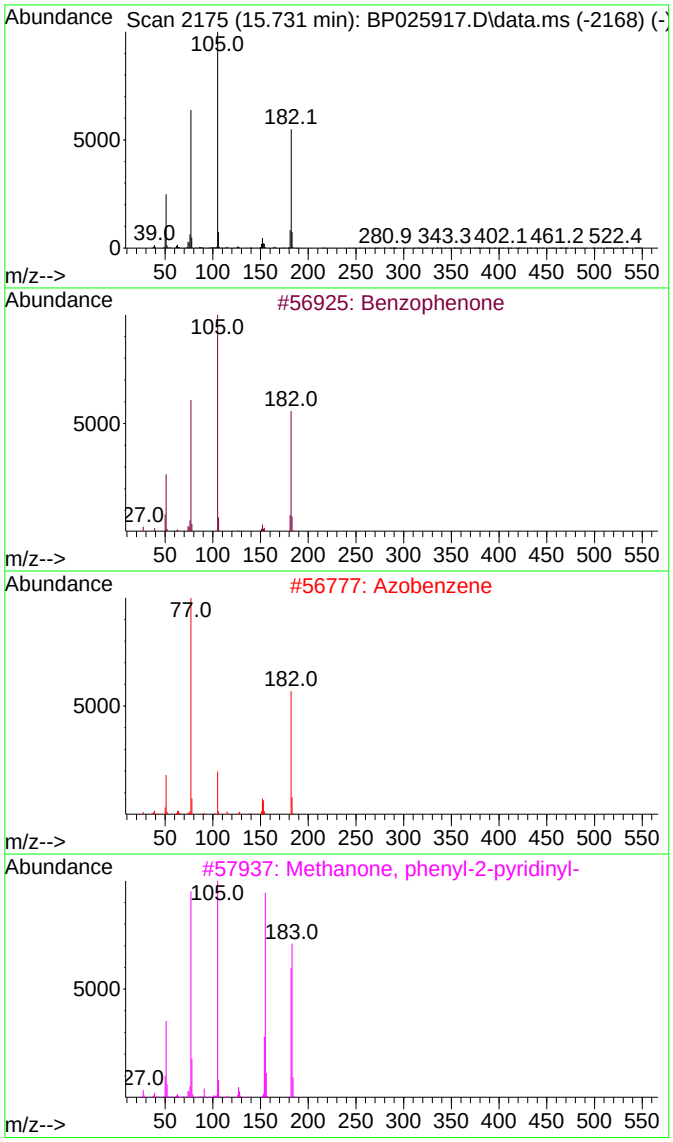
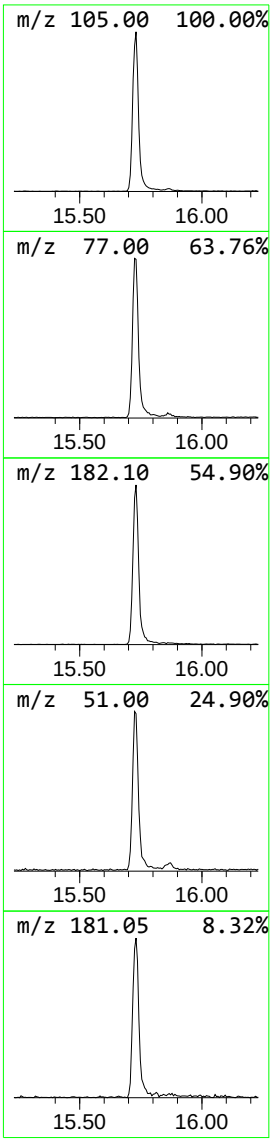
Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.730	7.66 ng	654012	Acenaphthene-d10	14.348

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	72
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	72
4	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	45





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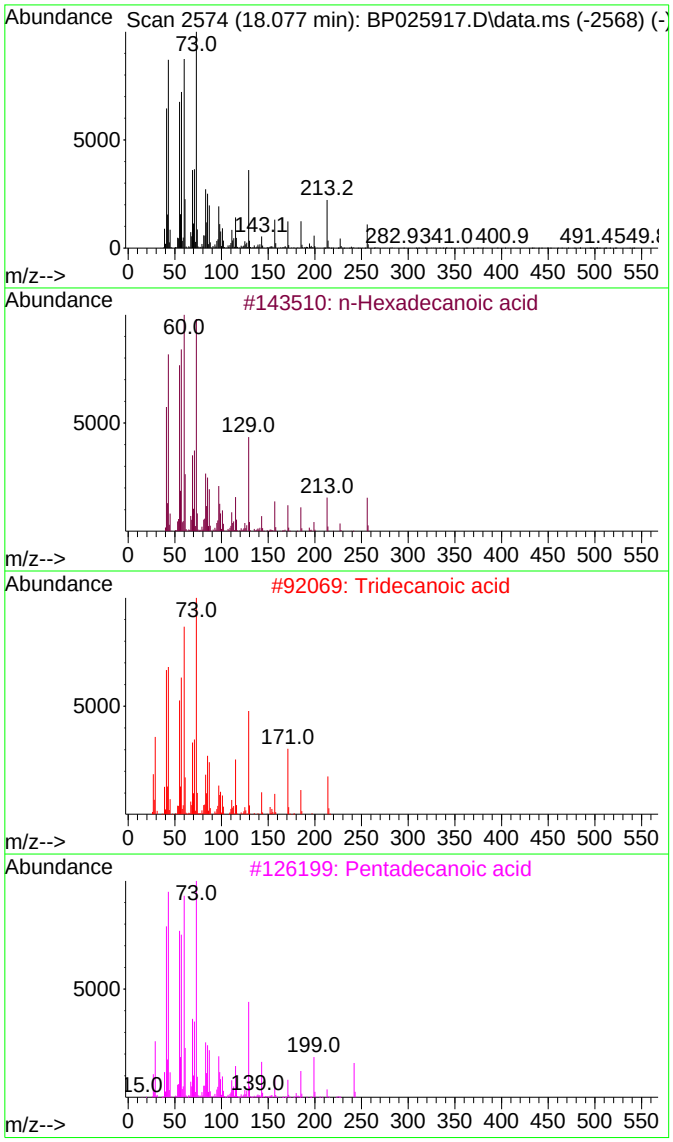
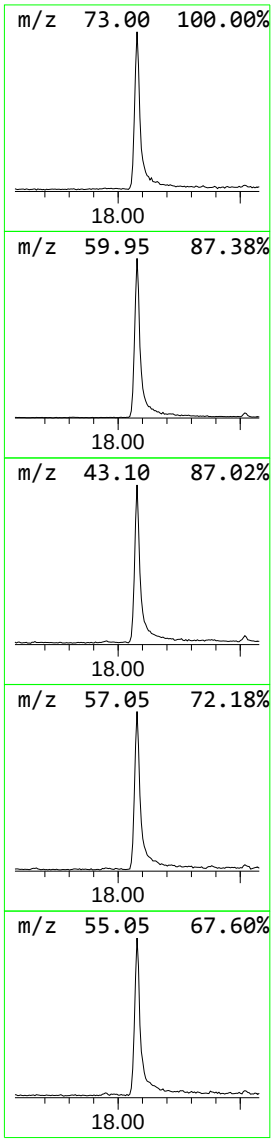
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.078	16.33 ng	1703700	Phenanthrene-d10	17.148

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	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	55





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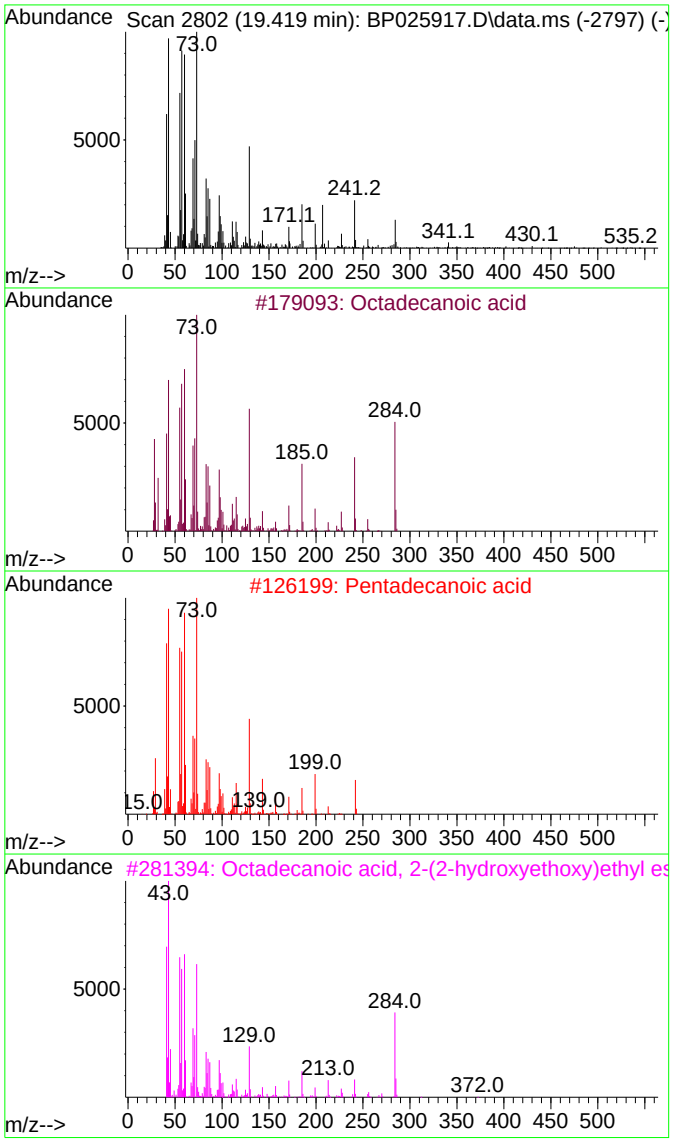
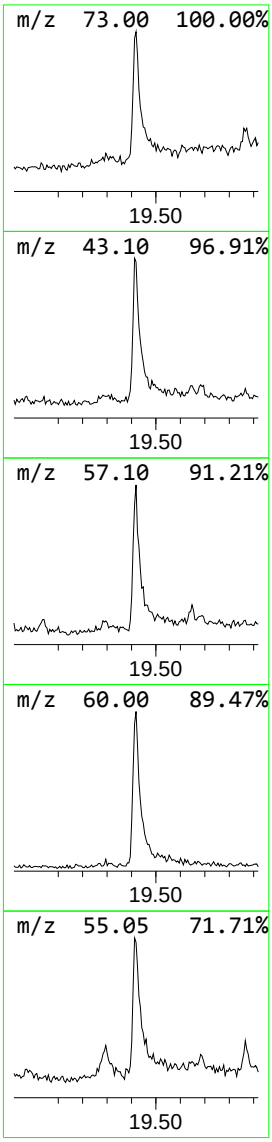
Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.419	3.11 ng	355227	Chrysene-d12	21.595

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	93
4	n-Decanoic acid	172	C10H20O2	000334-48-5	78
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76





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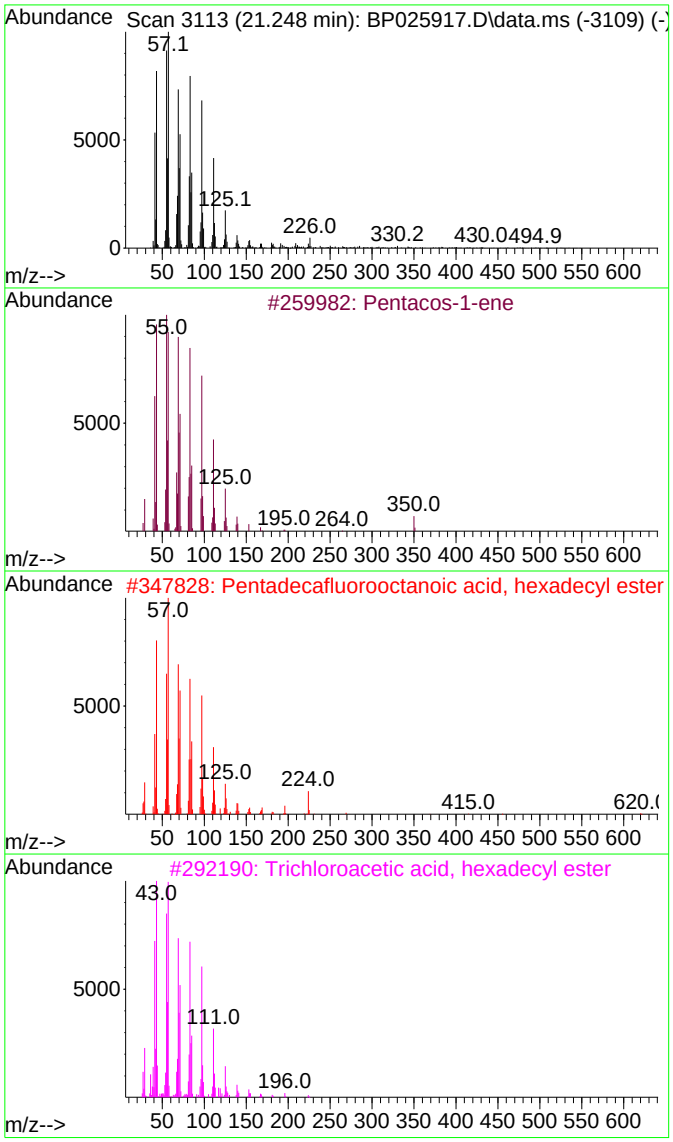
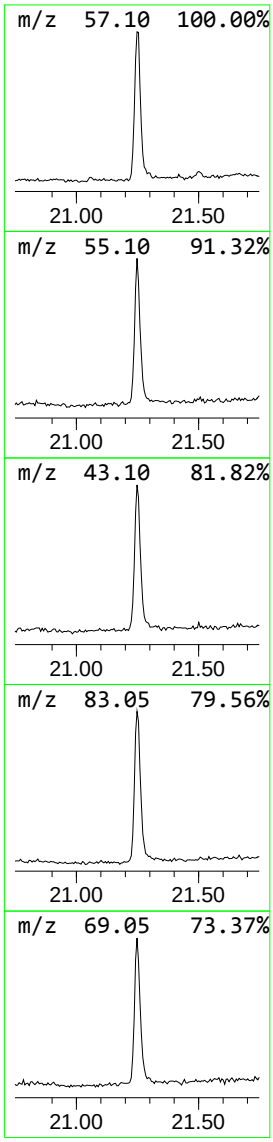
Peak Number 5 Pentacos-1-ene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.248	6.38 ng	729085	Chrysene-d12	21.595

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacos-1-ene	350	C25H50	016980-85-1	94
2	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	1-Hexacosene	364	C26H52	018835-33-1	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
Benzophenone	15.730	7.7	ng	654012	3	14.348	1707770	20.0
n-Hexadecanoic ...	18.078	16.3	ng	1703700	4	17.148	2086330	20.0
Octadecanoic acid	19.419	3.1	ng	355227	5	21.595	2285190	20.0
Pentacos-1-ene	21.248	6.4	ng	729085	5	21.595	2285190	20.0