LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100825\
Data File : BP025956.D
Acq On : 08 Oct 2025 16:48
Operator : RC/JU
Sample : Q3297-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP2

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: BP025956.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.590	277	281	292	rVB	91842	142925	1.67%	0.352%
2	5.372	408	414	437	rBV	1831703	3290099	38.40%	8.110%
3	6.108	533	539	551	rBV3	71096	141486	1.65%	0.349%
4	6.325	571	576	588	rVB2	73273	144740	1.69%	0.357%
5	6.602	618	623	632	rVB	125766	190567	2.22%	0.470%
6	6.937	674	680	713	rBV	1572994	3520765	41.09%	8.679%
7	7.731	808	815	824	rBV	468782	757912	8.85%	1.868%
8	8.878	1002	1010	1038	rBV	933940	2123451	24.78%	5.235%
9	10.502	1277	1286	1303	rBV	415669	1018077	11.88%	2.510%
10	12.954	1695	1703	1725	rBV	2502658	4798613	56.01%	11.829%
11	14.343	1932	1939	1957	rBV	730654	1477077	17.24%	3.641%
12	15.713	2166	2172	2189	rBV	389328	759157	8.86%	1.871%
13	15.854	2189	2196	2228	rVV	2252616	4447302	51.91%	10.963%
14	17.142	2407	2415	2434	rBV	888764	1851382	21.61%	4.564%
15	18.060	2565	2571	2588	rBV	917850	1742150	20.33%	4.295%
16	19.395	2793	2798	2813	rBV	302879	607186	7.09%	1.497%
17	19.848	2869	2875	2887	rBV	5620376	8567779	100.00%	21.120%
18	21.225	3104	3109	3121	rBV	508813	891609	10.41%	2.198%
19	21.583	3164	3170	3188	rBV	1166962	2195012	25.62%	5.411%
20	24.918	3730	3737	3748	rBV	685848	1898942	22.16%	4.681%

Sum of corrected areas: 40566231

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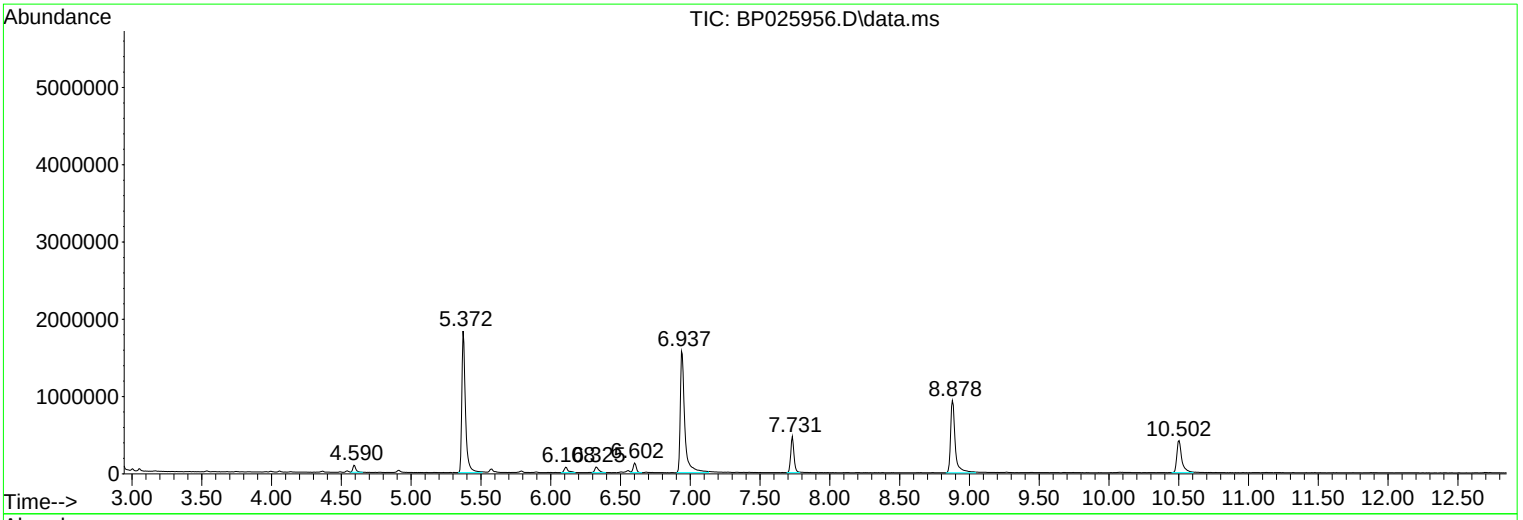
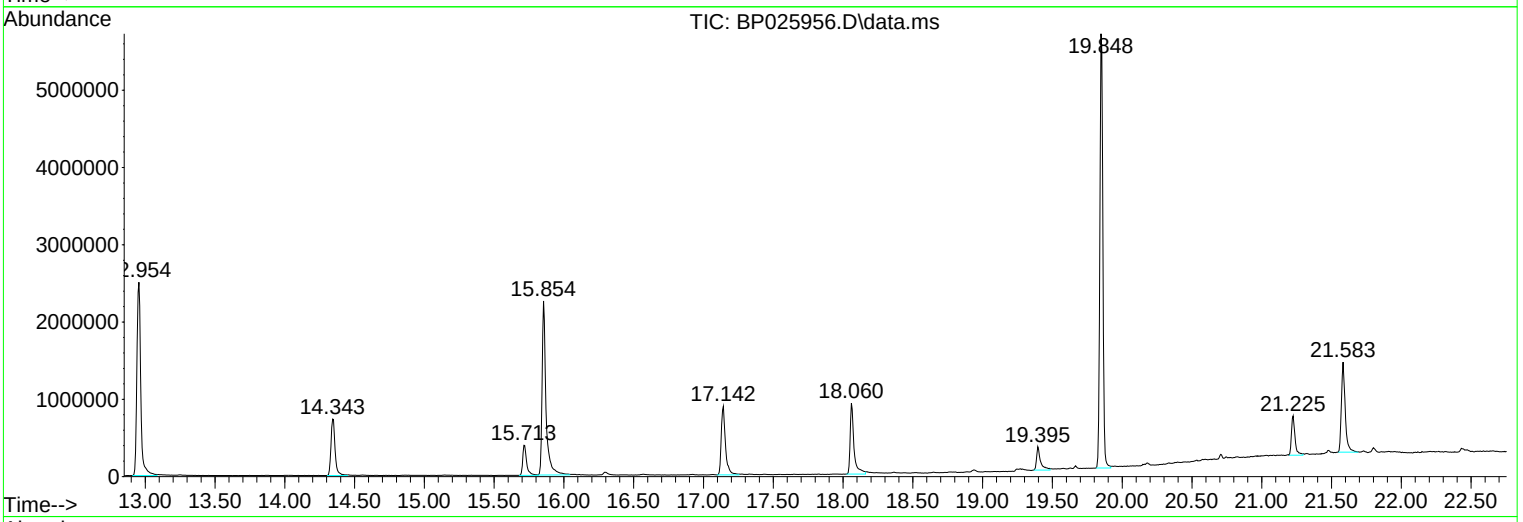
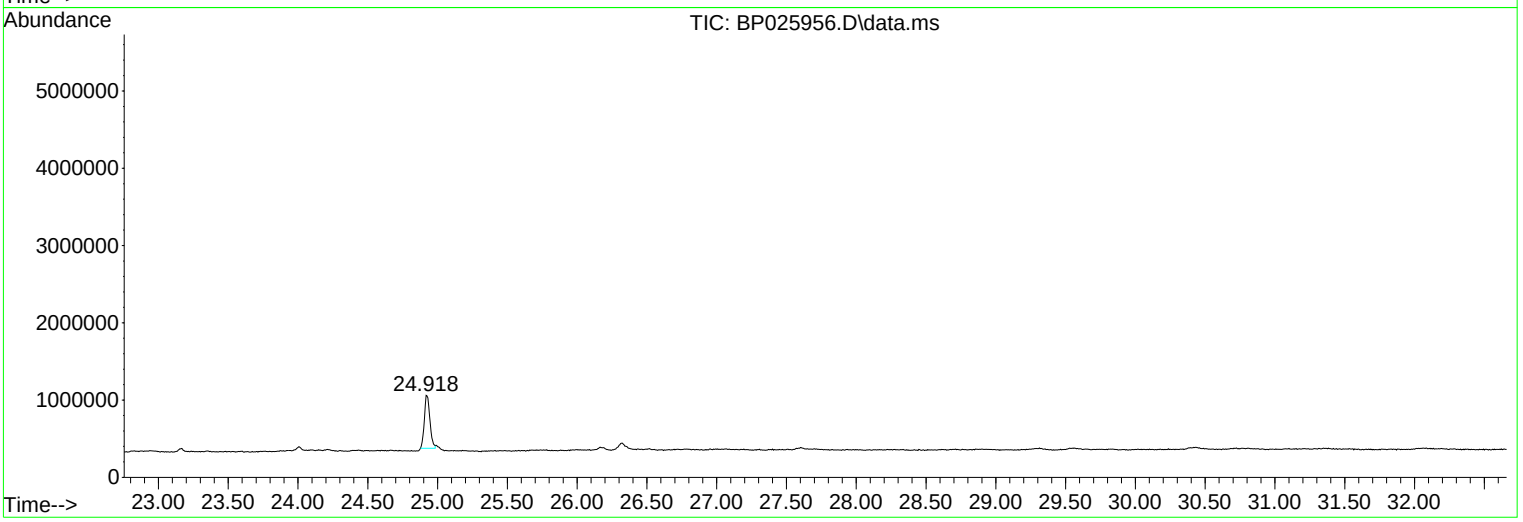
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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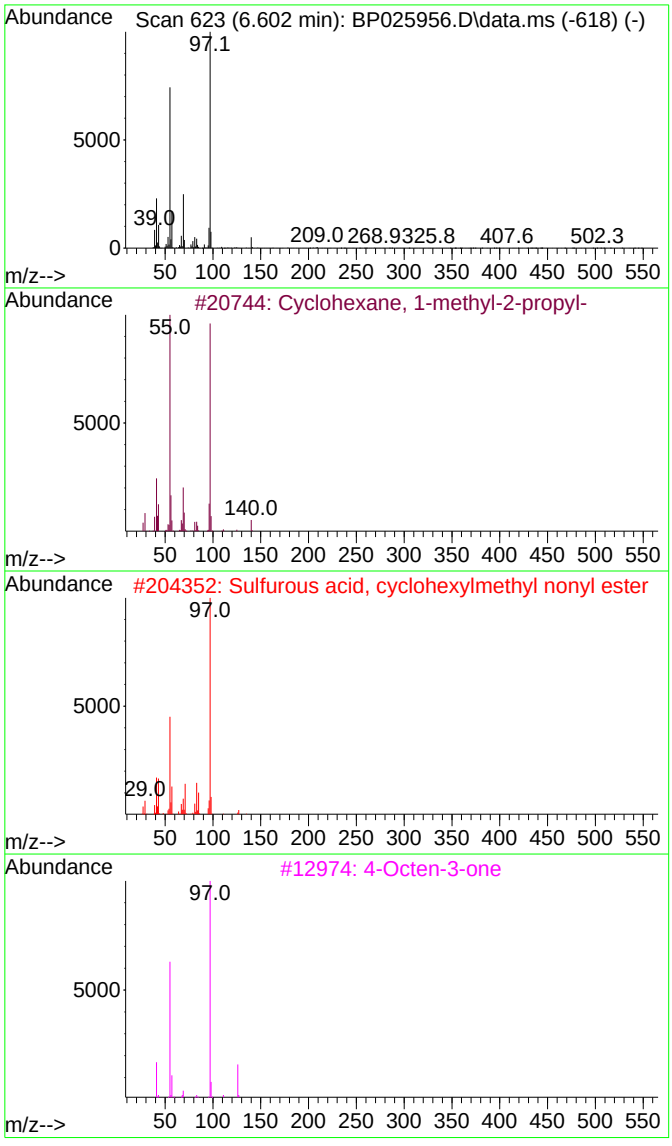
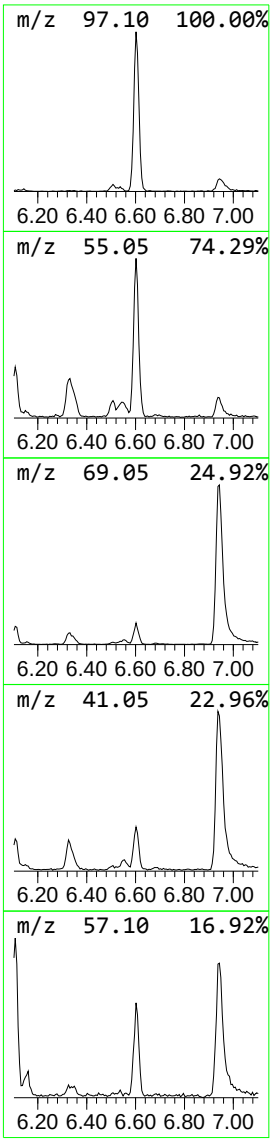
****
Peak Number 4 Cyclohexane, 1-methyl-2-pro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.602	5.03 ng	190567	1,4-Dichlorobenzene-d4	7.731

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	86
2	Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	78
3	4-Octen-3-one	126	C8H14O	014129-48-7	72
4	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	72
5	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	64





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TIC Library : C:\Database\NIST20.L
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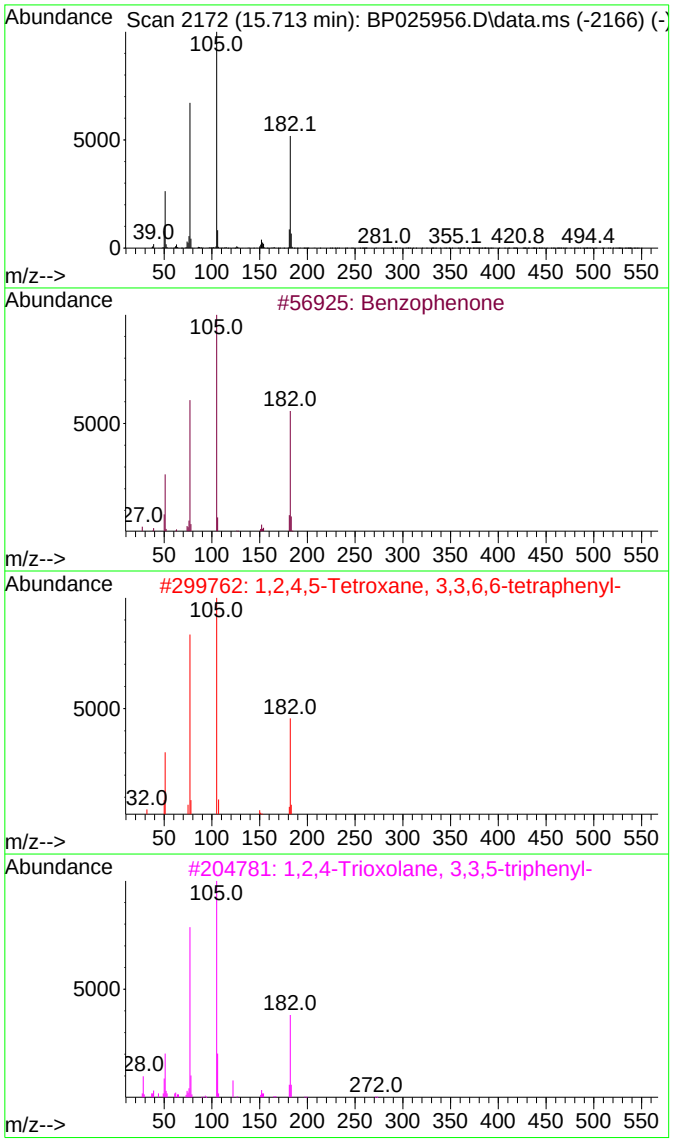
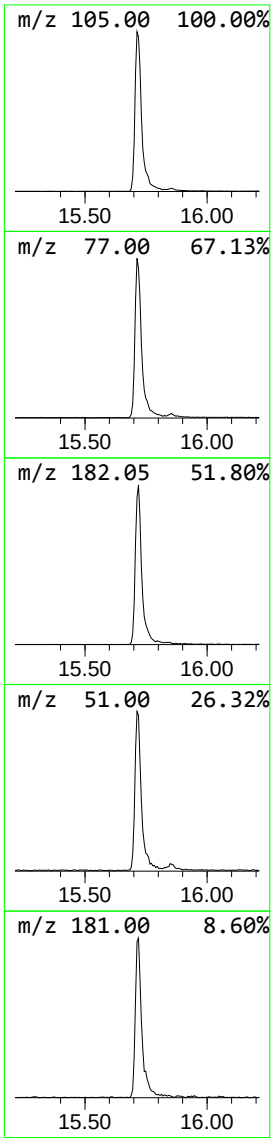
Peak Number 5 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.713	10.28 ng	759157	Acenaphthene-d10	14.348

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	45
4	Azobenzene	182	C12H10N2	000103-33-3	45
5	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	33





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BNA_P
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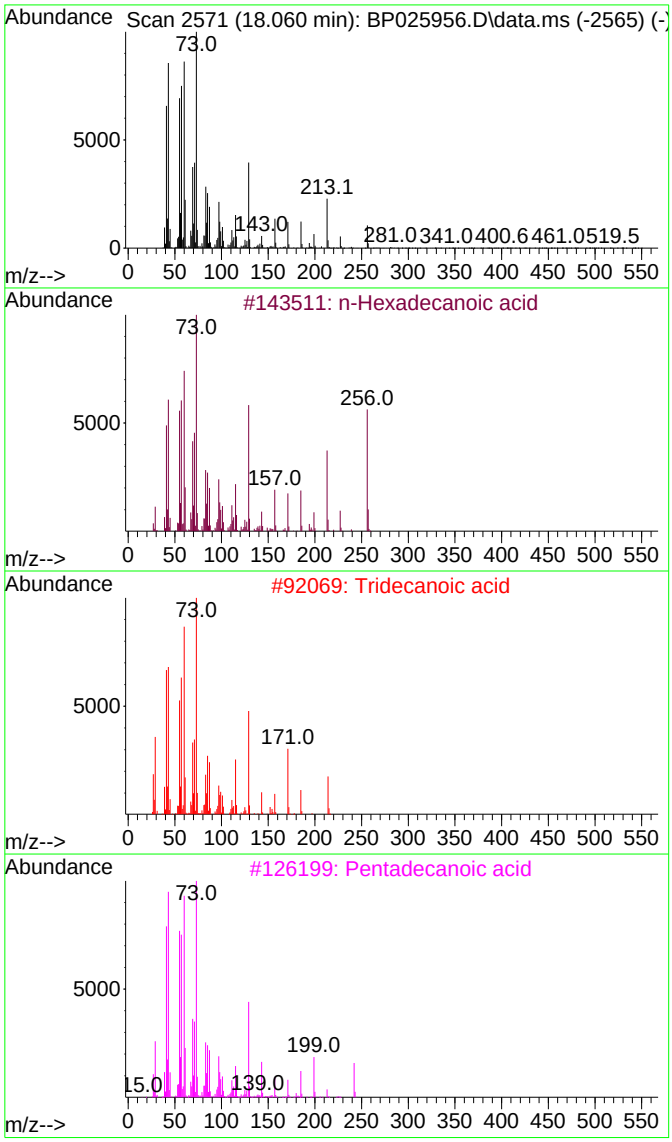
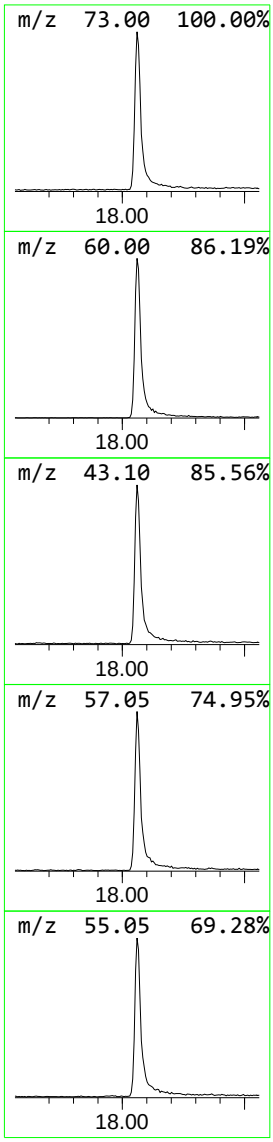
Peak Number 6 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.060	18.82 ng	1742150	Phenanthrene-d10	17.142

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	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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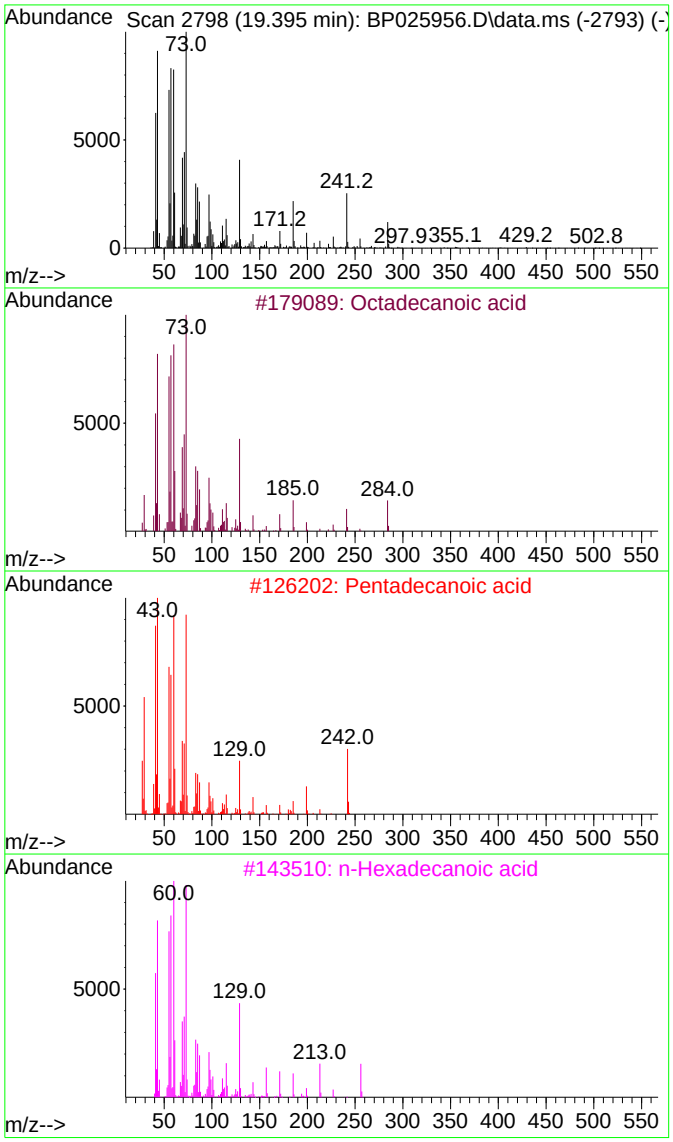
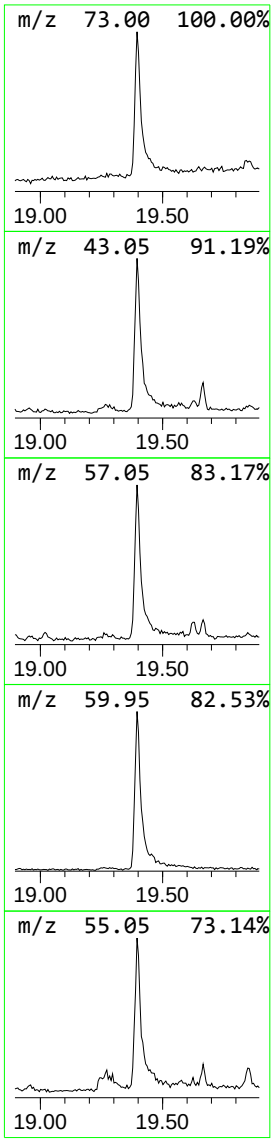
Peak Number 7 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.395	5.53 ng	607186	Chrysene-d12	21.583

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	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68





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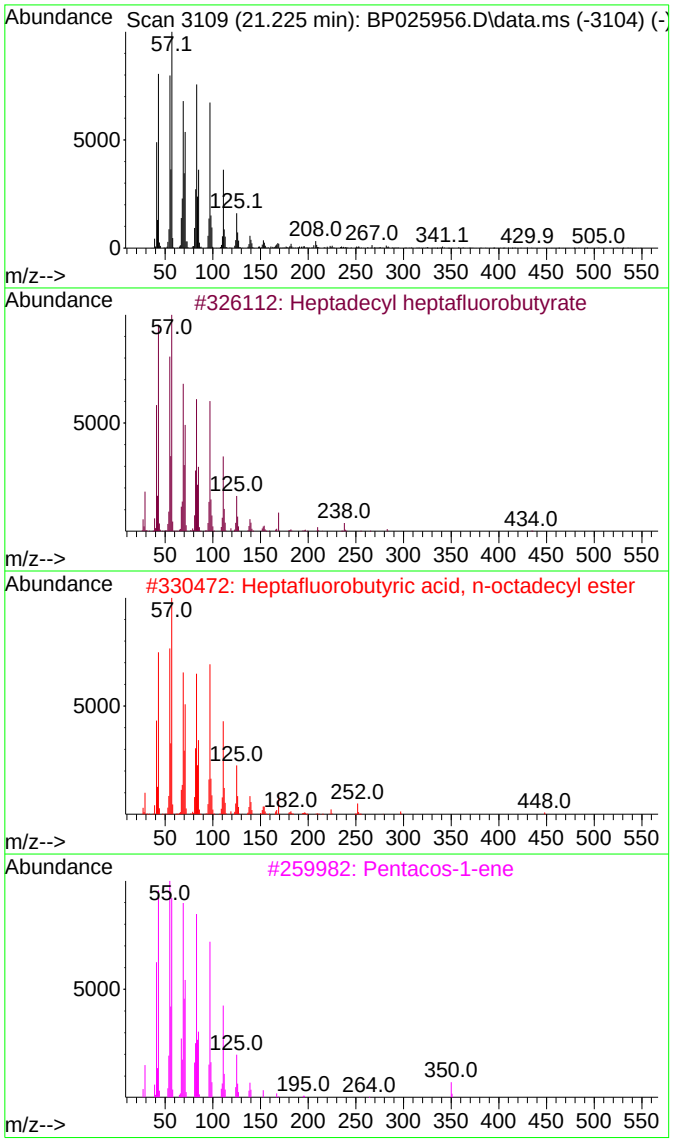
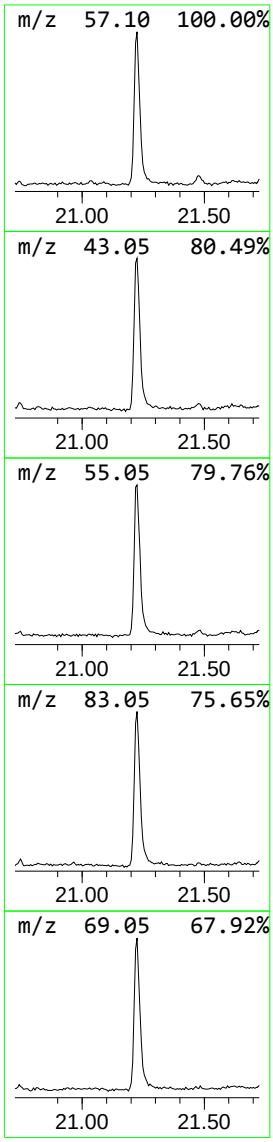
****
Peak Number 8 Heptadecyl heptafluorobutyrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.224	8.12 ng	891609	Chrysene-d12	21.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	94
3	Pentacos-1-ene	350	C25H50	016980-85-1	94
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
5	1-Hexacosene	364	C26H52	018835-33-1	94





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexane, 1-...	6.602	5.0	ng	190567	1	7.731	757912	20.0
Benzophenone	15.713	10.3	ng	759157	3	14.348	1477080	20.0
n-Hexadecanoic ...	18.060	18.8	ng	1742150	4	17.142	1851380	20.0
Octadecanoic acid	19.395	5.5	ng	607186	5	21.583	2195010	20.0
Heptadecyl hept...	21.224	8.1	ng	891609	5	21.583	2195010	20.0