LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050925\
Data File : BP024594.D
Acq On : 09 May 2025 17:08
Operator : RC/JU
Sample : Q1986-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-10

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: BP024594.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.869	297	303	312	rBV	111493	166767	2.40%	0.555%
2	5.322	374	380	399	rBV	1318702	1965868	28.33%	6.546%
3	6.887	639	646	676	rBV	1139045	2072799	29.87%	6.902%
4	7.698	777	784	794	rBV	428401	652421	9.40%	2.173%
5	8.845	971	979	1003	rBV	716680	1289091	18.58%	4.293%
6	10.469	1244	1255	1270	rBV	481052	892608	12.86%	2.972%
7	12.933	1666	1674	1694	rBV	2028078	3161903	45.57%	10.529%
8	14.328	1905	1911	1925	rBV	755286	1291461	18.61%	4.301%
9	15.716	2141	2147	2162	rBV	242517	393267	5.67%	1.310%
10	15.851	2163	2170	2192	rBV	2075272	3569946	51.45%	11.888%
11	17.133	2381	2388	2404	rBV2	1038947	1741358	25.09%	5.799%
12	18.068	2542	2547	2557	rBV	272553	459792	6.63%	1.531%
13	18.957	2694	2698	2707	rVB4	35476	73545	1.06%	0.245%
14	19.398	2769	2773	2784	rBV3	88200	161779	2.33%	0.539%
15	19.857	2844	2851	2860	rBV	4976283	6939306	100.00%	23.108%
16	21.233	3081	3085	3096	rBV2	114667	273542	3.94%	0.911%
17	21.568	3136	3142	3156	rBV	1362733	2401502	34.61%	7.997%
18	24.892	3698	3707	3723	rVB	905602	2523102	36.36%	8.402%

Sum of corrected areas: 30030057

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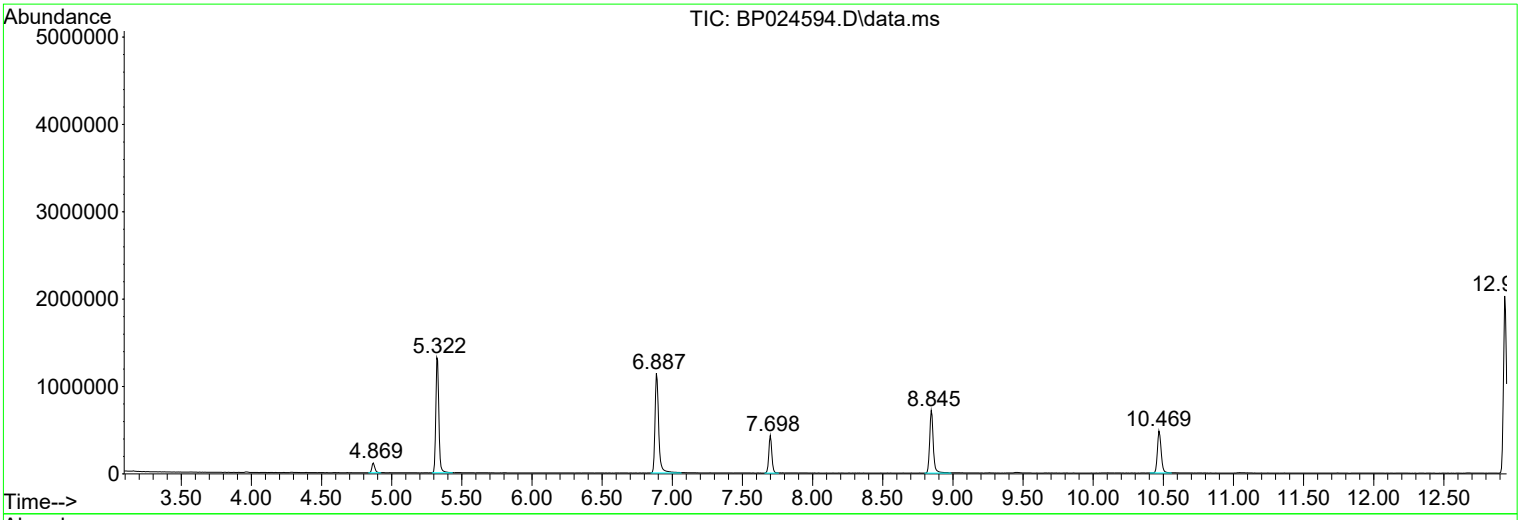
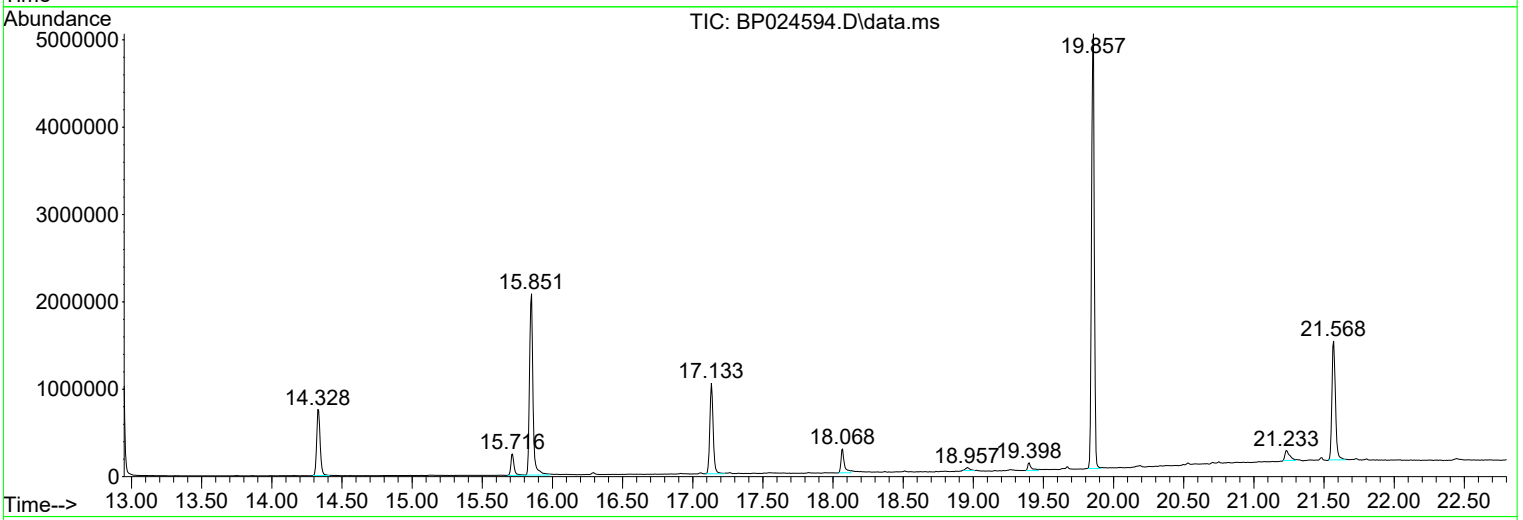
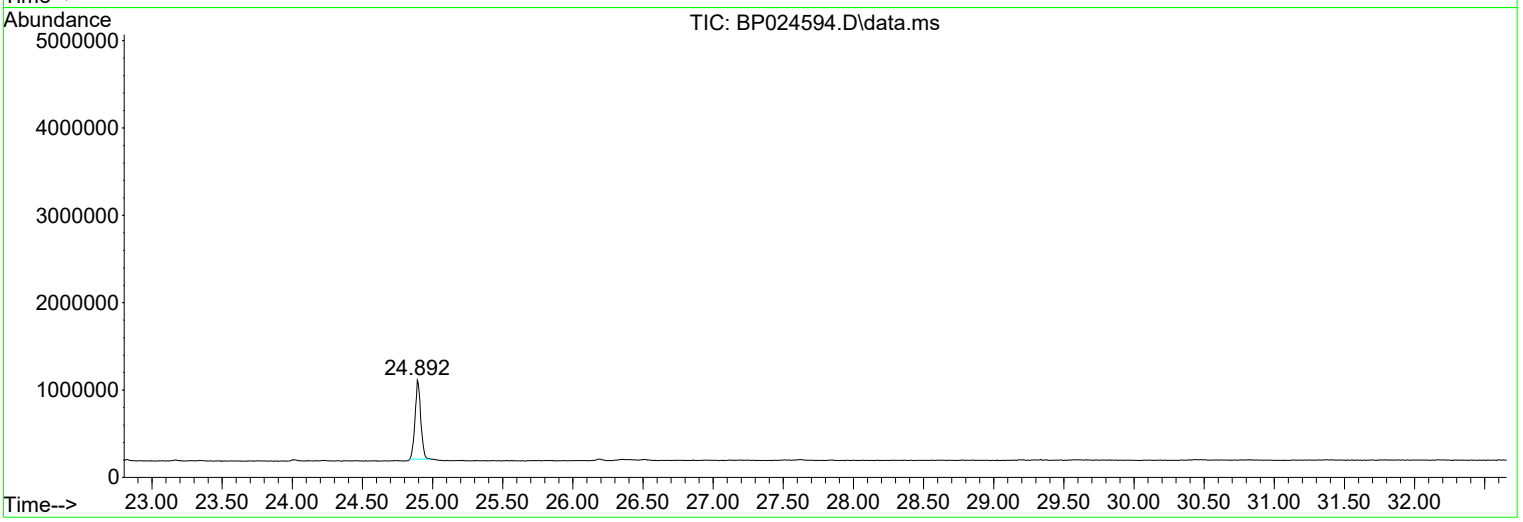
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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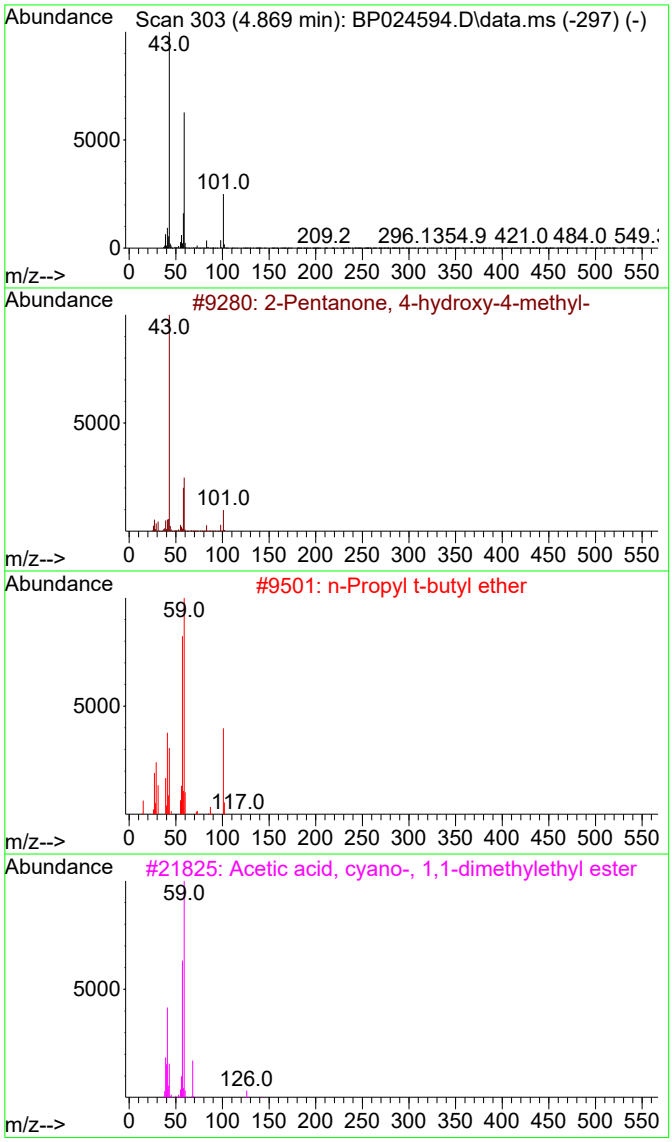
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

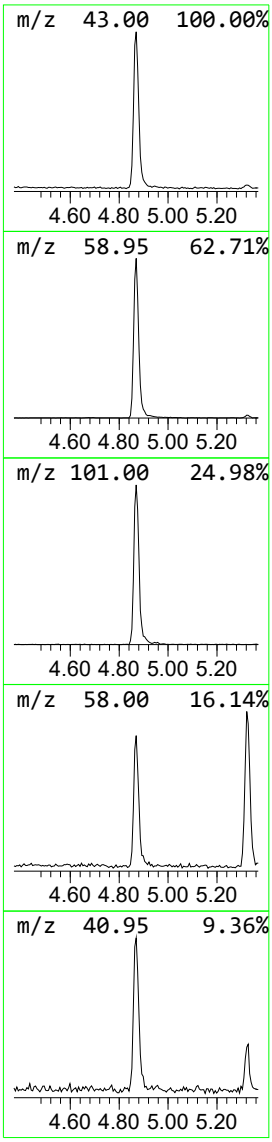
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.869	5.11 ng	166767	1,4-Dichlorobenzene-d4	7.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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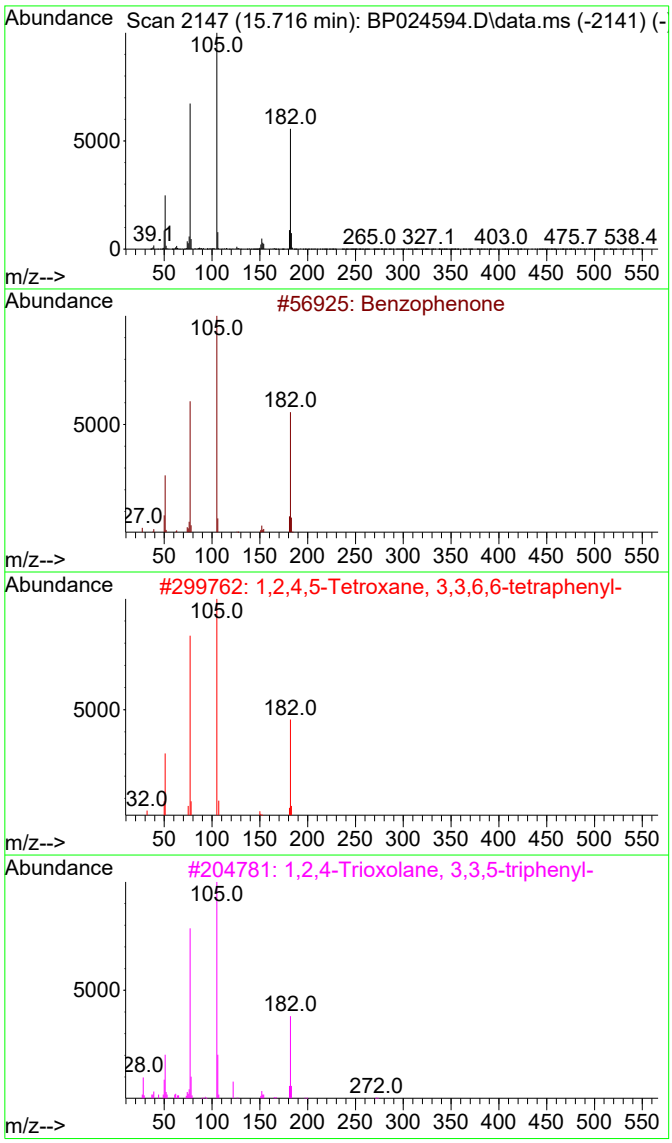
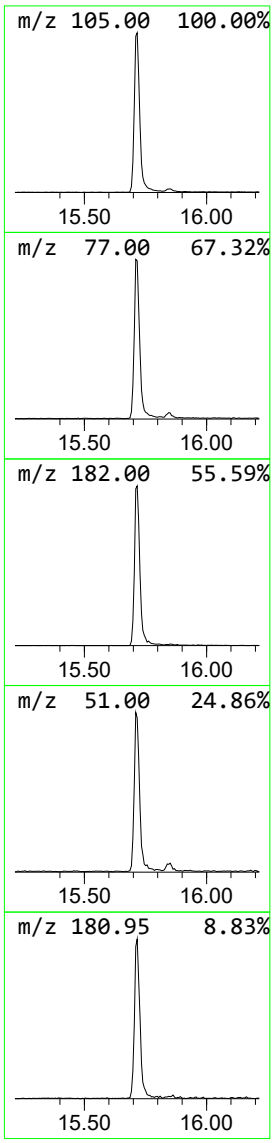
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.716	6.09 ng	393267	Acenaphthene-d10	14.328

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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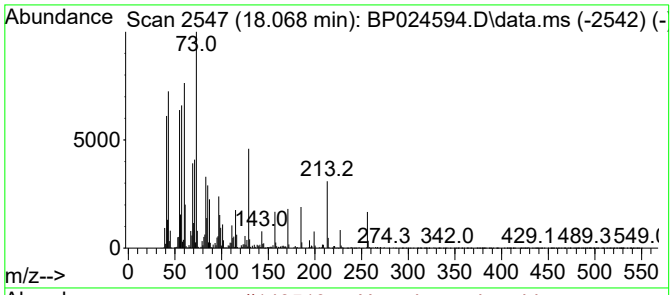
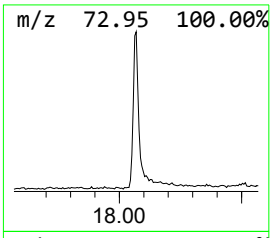
****

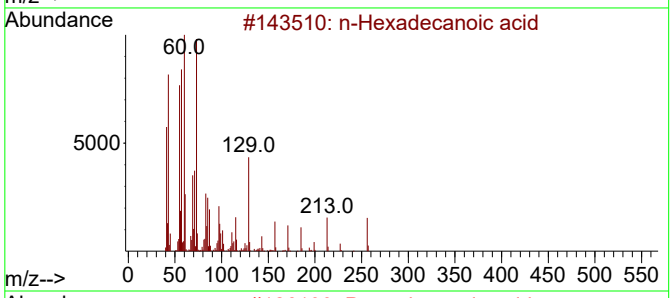
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

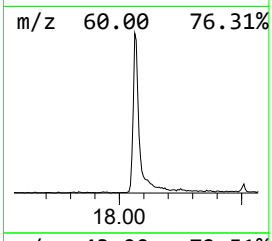
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.069	5.28 ng	459792	Phenanthrene-d10	17.133

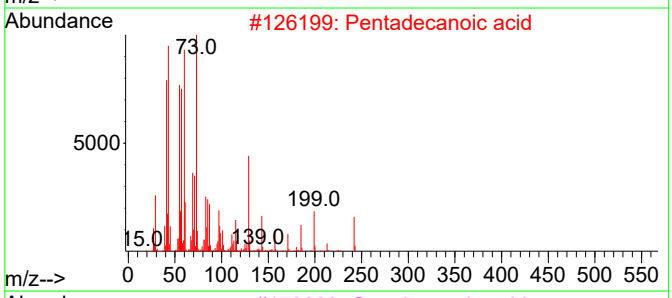
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	80
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72

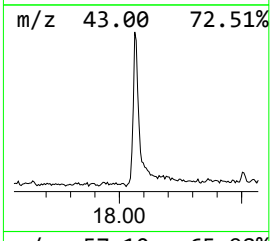


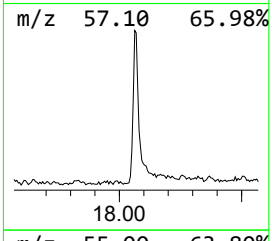


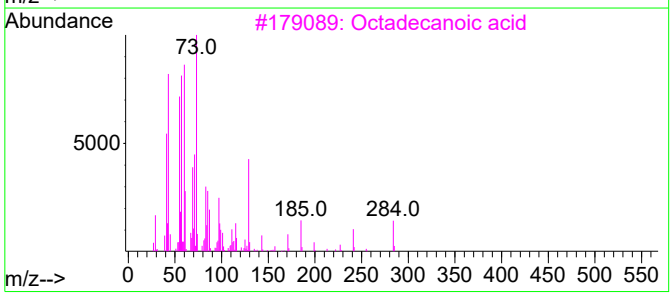


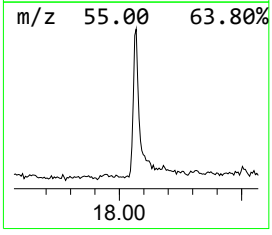












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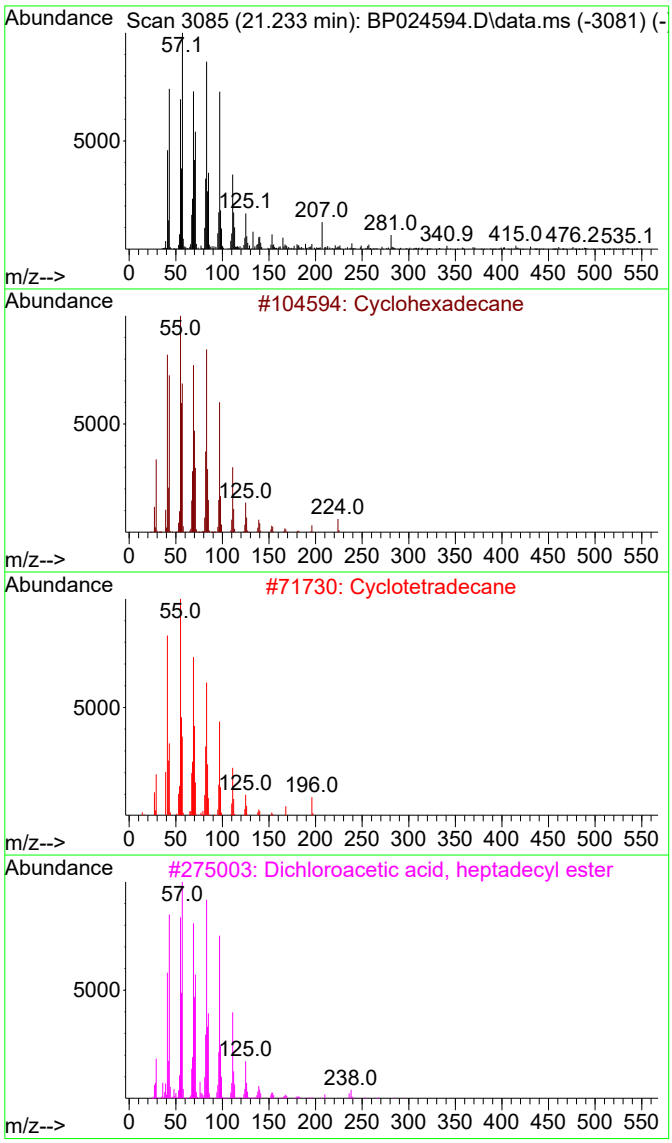
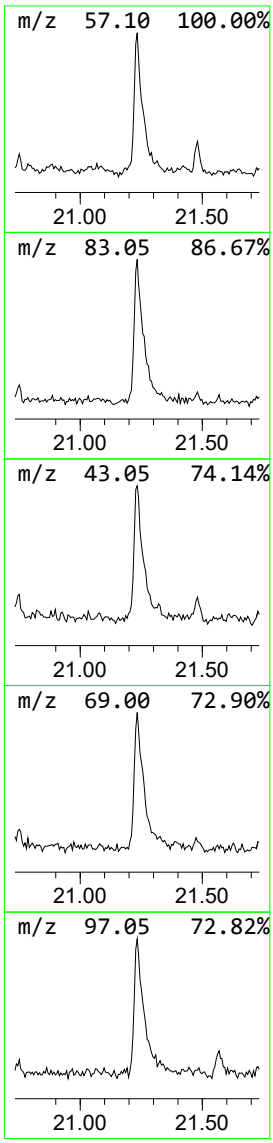
****

Peak Number 4 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.233	2.28 ng	273542	Chrysene-d12	21.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	Cyclotetradecane	196	C14H28	000295-17-0	95
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94





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-...	4.869	5.1	ng	166767	1	7.698	652421	20.0
Benzophenone	15.716	6.1	ng	393267	3	14.328	1291460	20.0
n-Hexadecanoic ...	18.069	5.3	ng	459792	4	17.133	1741360	20.0
Cyclohexadecane	21.233	2.3	ng	273542	5	21.568	2401500	20.0