LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025409.D
Acq On : 15 Aug 2025 01:41
Operator : CG/JU
Sample : Q2820-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
10PC-W

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025409.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.966	3	5	13	rVB2	135385	177934	2.65%	0.520%
2	3.043	13	18	31	rVB	901877	1055805	15.70%	3.083%
3	4.948	337	342	350	rVB	149699	204144	3.04%	0.596%
4	5.407	413	420	431	rBV	1522515	2317213	34.45%	6.767%
5	6.960	676	684	695	rBV	1471780	2474425	36.79%	7.226%
6	7.789	818	825	833	rBV	519189	806949	12.00%	2.356%
7	8.925	1010	1018	1033	rBV	1016019	1646666	24.48%	4.809%
8	10.566	1288	1297	1307	rBV	661158	1123371	16.70%	3.280%
9	13.019	1707	1714	1725	rBV	2597609	3959179	58.87%	11.561%
10	14.407	1942	1950	1957	rBV	1153317	1553819	23.10%	4.537%
11	15.789	2179	2185	2195	rBV	441955	577404	8.59%	1.686%
12	15.918	2200	2207	2224	rBV	2238811	3265901	48.56%	9.537%
13	17.201	2419	2425	2436	rBV	1377259	1927994	28.67%	5.630%
14	18.142	2580	2585	2594	rBV	344354	527694	7.85%	1.541%
15	19.465	2805	2810	2819	rBV	124754	207264	3.08%	0.605%
16	19.924	2880	2888	2898	rBV	4090997	6725556	100.00%	19.640%
17	21.312	3119	3124	3135	rBV2	376461	644840	9.59%	1.883%
18	21.636	3173	3179	3187	rBV	1560914	2426656	36.08%	7.086%
19	25.012	3744	3753	3765	rVB2	941235	2622015	38.99%	7.657%

Sum of corrected areas: 34244829

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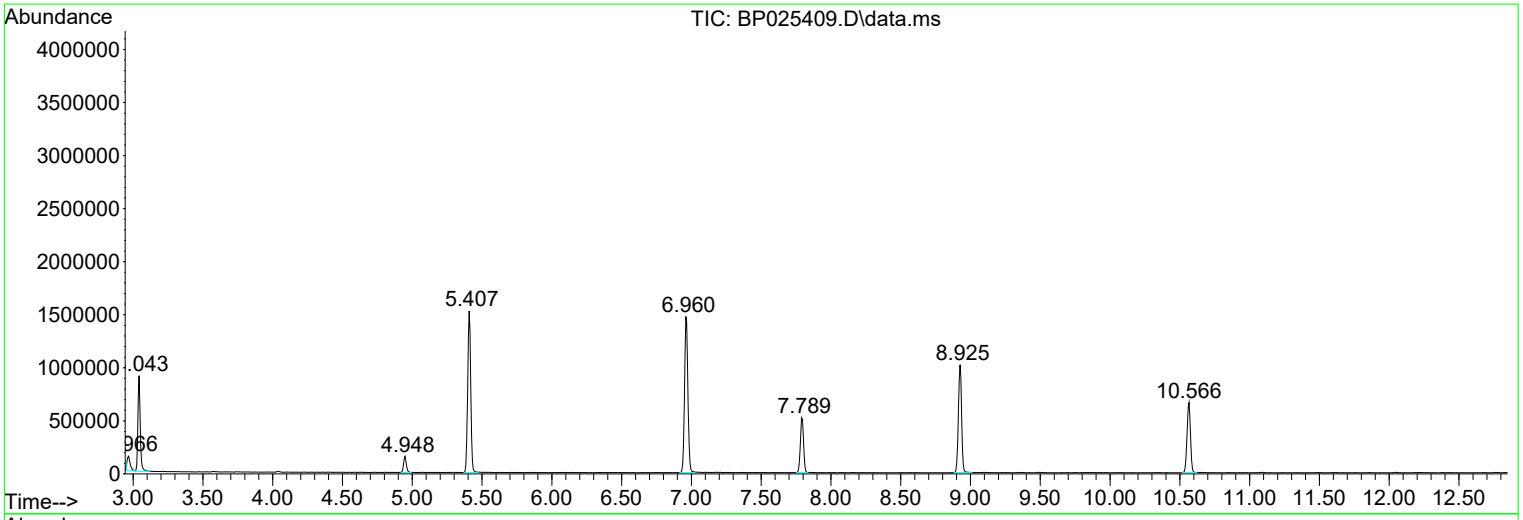
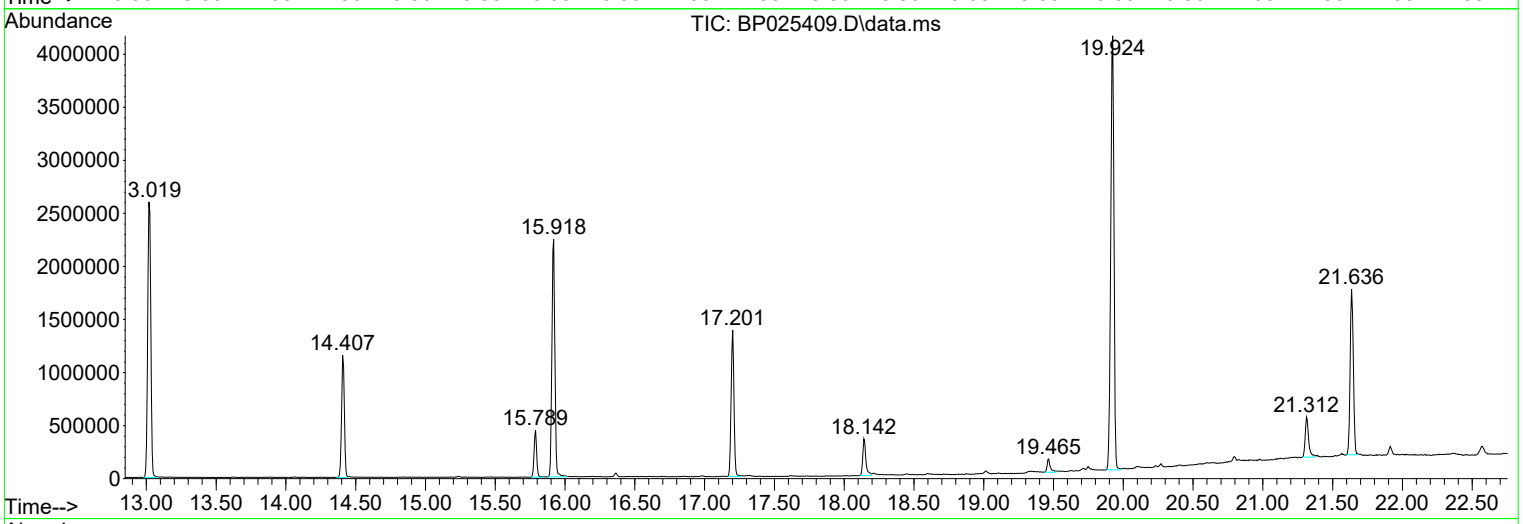
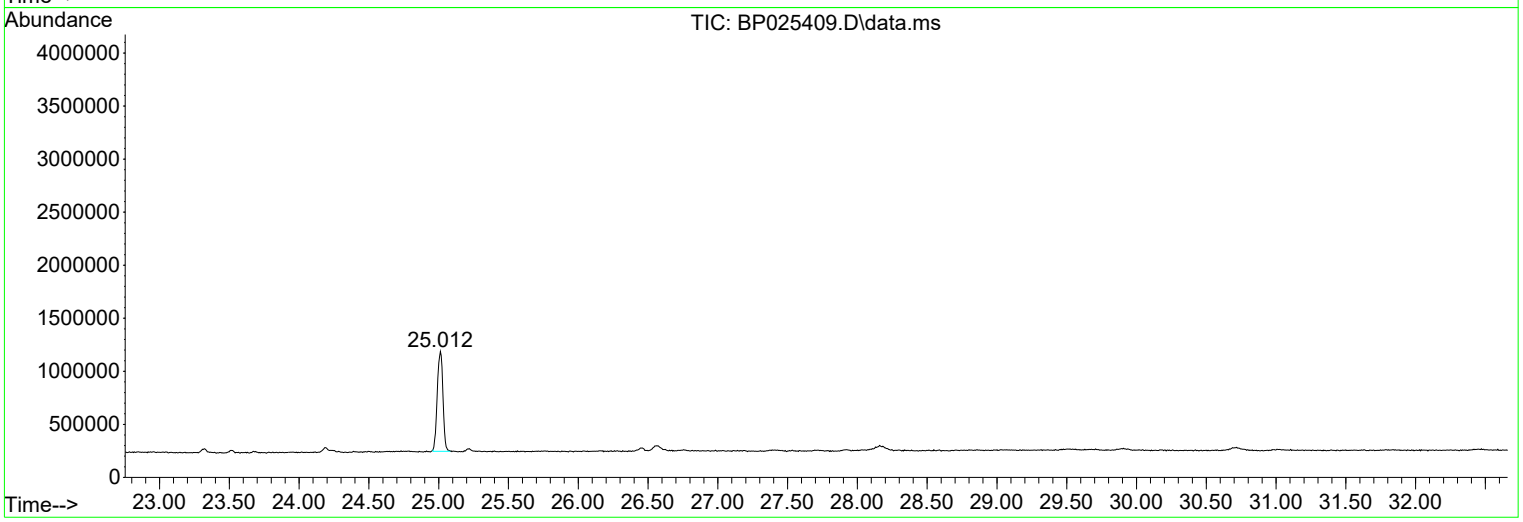
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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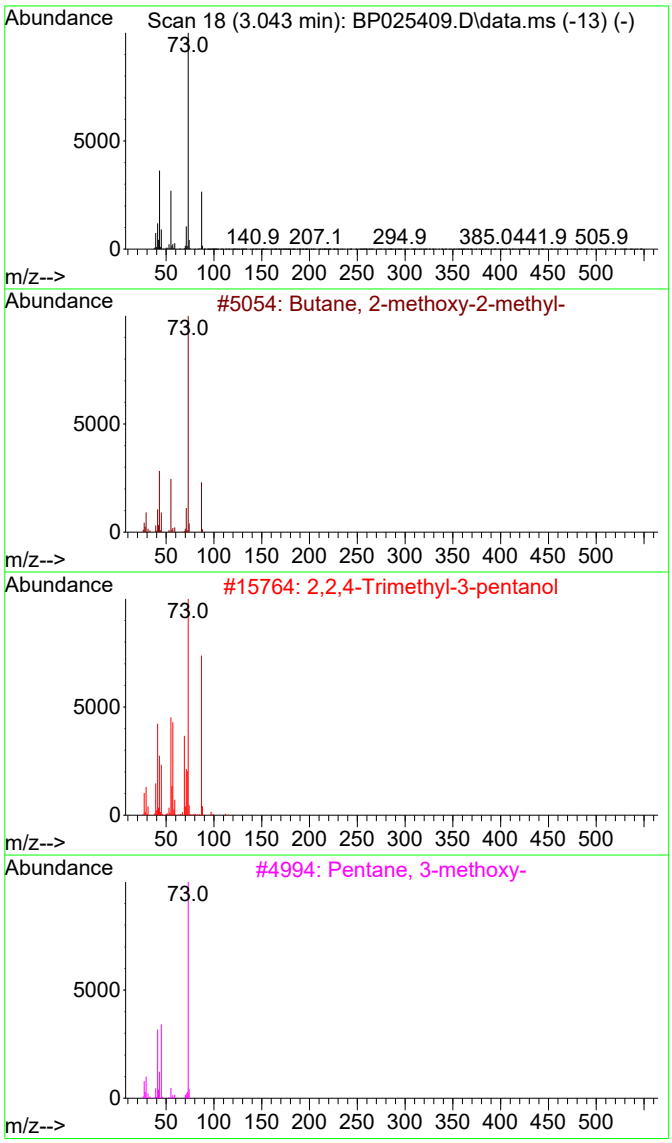
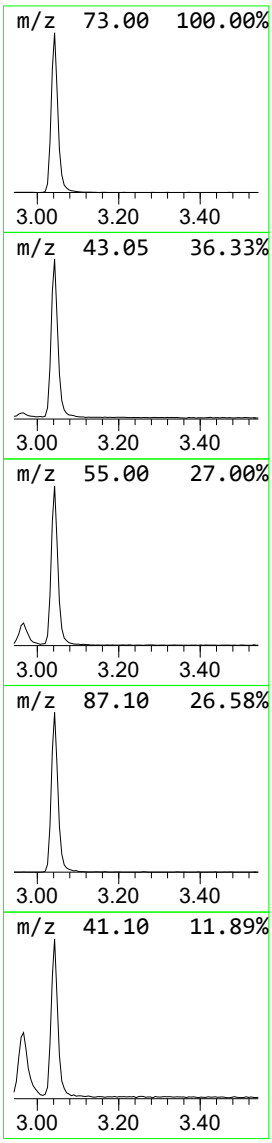
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.043	26.17 ng	1055810	1,4-Dichlorobenzene-d4	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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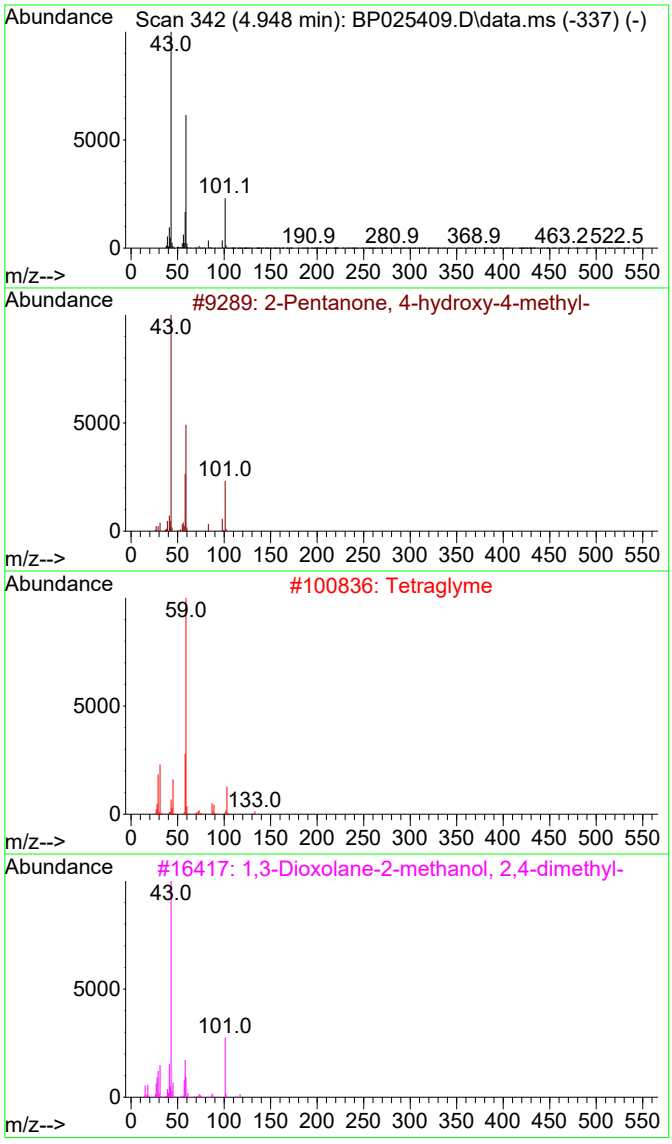
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

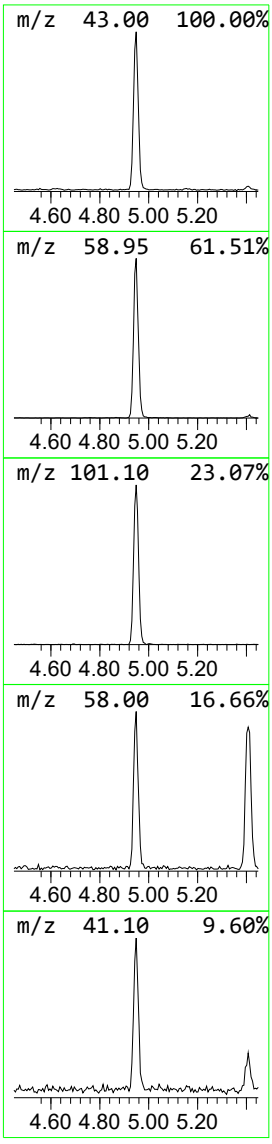
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.948	5.06 ng	204144	1,4-Dichlorobenzene-d4	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Tetraglyme	222	C10H22O5	000143-24-8	25
3	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	23
4	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	23
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





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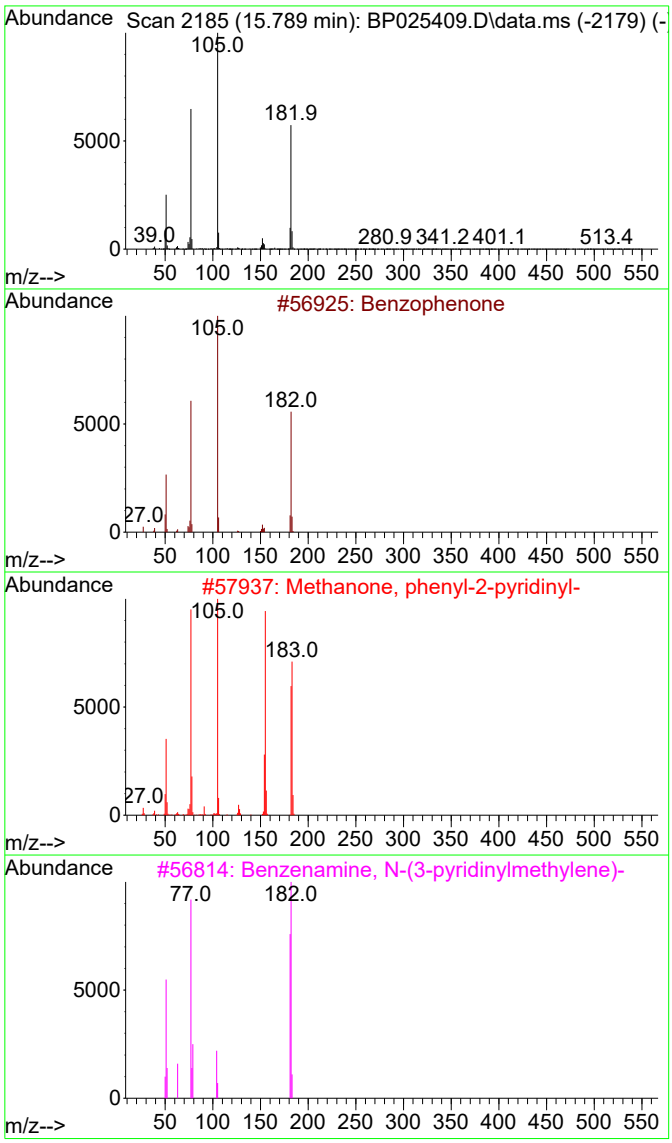
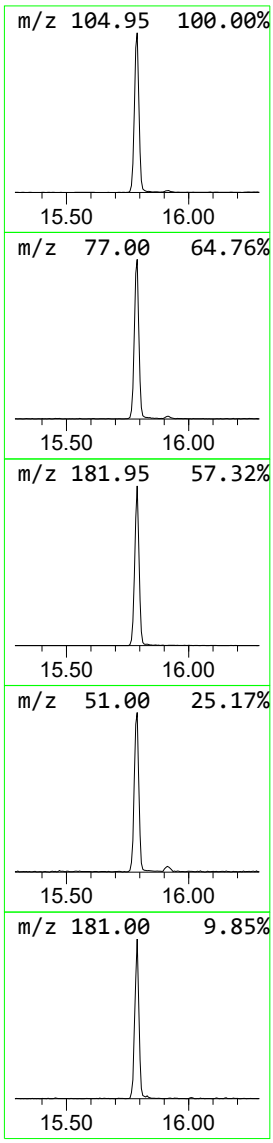
****

Peak Number 4 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.789	7.43 ng	577404	Acenaphthene-d10	14.407

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	56
3	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42
4	Azobenzene	182	C12H10N2	000103-33-3	42
5	3-Mercaptobenzoic acid, S-methyl...	182	C9H10O2S	090721-40-7	27





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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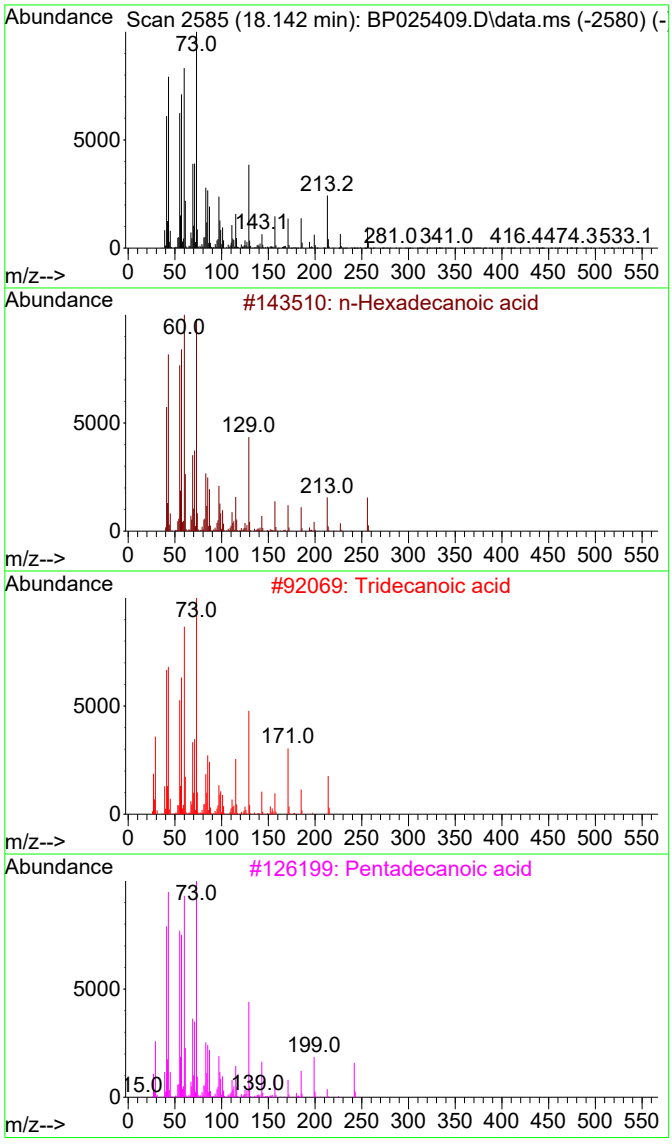
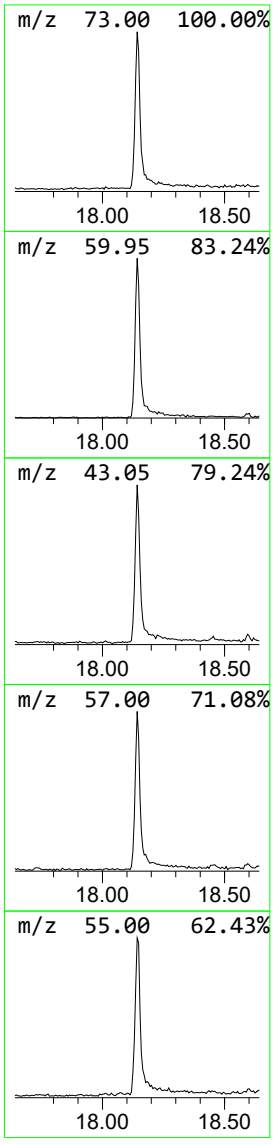
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.142	5.47 ng	527694	Phenanthrene-d10	17.201

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	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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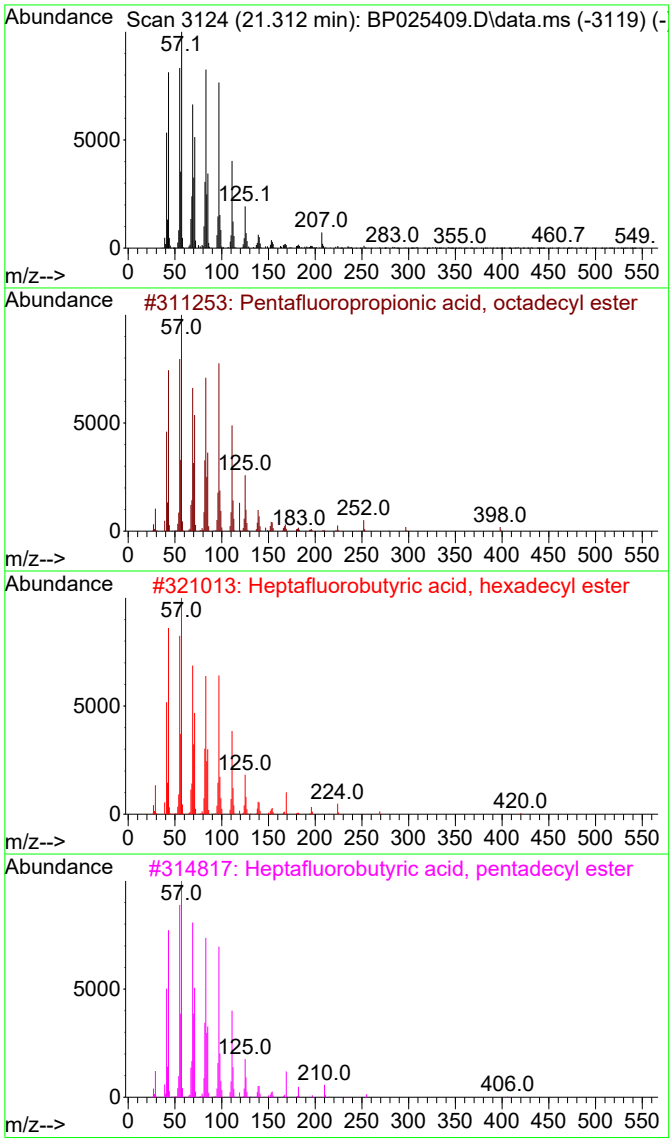
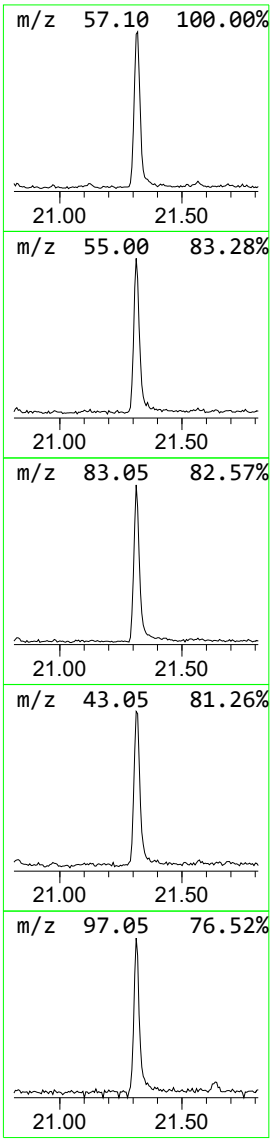
****
Peak Number 6 Pentafluoropropionic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.312	5.31 ng	644840	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	94
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.043	26.2	ng	1055810	1	7.789	806949	20.0
2-Pentanone, 4-...	4.948	5.1	ng	204144	1	7.789	806949	20.0
Benzophenone	15.789	7.4	ng	577404	3	14.407	1553820	20.0
n-Hexadecanoic ...	18.142	5.5	ng	527694	4	17.201	1927990	20.0
Pentafluoroprop...	21.312	5.3	ng	644840	5	21.636	2426660	20.0