LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025410.D
Acq On : 15 Aug 2025 02:22
Operator : CG/JU
Sample : Q2820-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22M-N

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: BP025410.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	rVB	140530	188694	3.86%	0.668%
2	3.043	13	18	27	rVB	792992	978724	20.02%	3.462%
3	4.949	337	342	349	rBV	118180	166698	3.41%	0.590%
4	5.407	414	420	429	rBV	1247403	1906730	39.00%	6.745%
5	6.966	676	685	694	rBV	1259028	2006829	41.05%	7.099%
6	7.790	818	825	834	rBV	483781	777502	15.90%	2.750%
7	8.925	1008	1018	1029	rBV	763502	1349154	27.60%	4.773%
8	10.560	1283	1296	1308	rBV	582113	1071227	21.91%	3.790%
9	13.013	1706	1713	1726	rBV	1990933	2972864	60.81%	10.517%
10	14.395	1939	1948	1955	rBV	1004008	1478320	30.24%	5.230%
11	15.777	2175	2183	2191	rBV	285008	387440	7.93%	1.371%
12	15.913	2199	2206	2221	rBV	1709356	2603256	53.25%	9.209%
13	17.195	2417	2424	2439	rBV	1192601	1855156	37.95%	6.563%
14	18.136	2580	2584	2594	rBV	174134	255431	5.23%	0.904%
15	19.471	2807	2811	2819	rBV4	66326	101130	2.07%	0.358%
16	19.918	2882	2887	2896	rBV	4404976	4888513	100.00%	17.293%
17	20.795	3033	3036	3039	rVB2	45094	50675	1.04%	0.179%
18	21.318	3120	3125	3134	rBV2	193992	373577	7.64%	1.322%
19	21.636	3173	3179	3189	rBV	1271985	2303899	47.13%	8.150%
20	25.006	3742	3752	3766	rVB2	790429	2552188	52.21%	9.029%

Sum of corrected areas: 28268007

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Misc :
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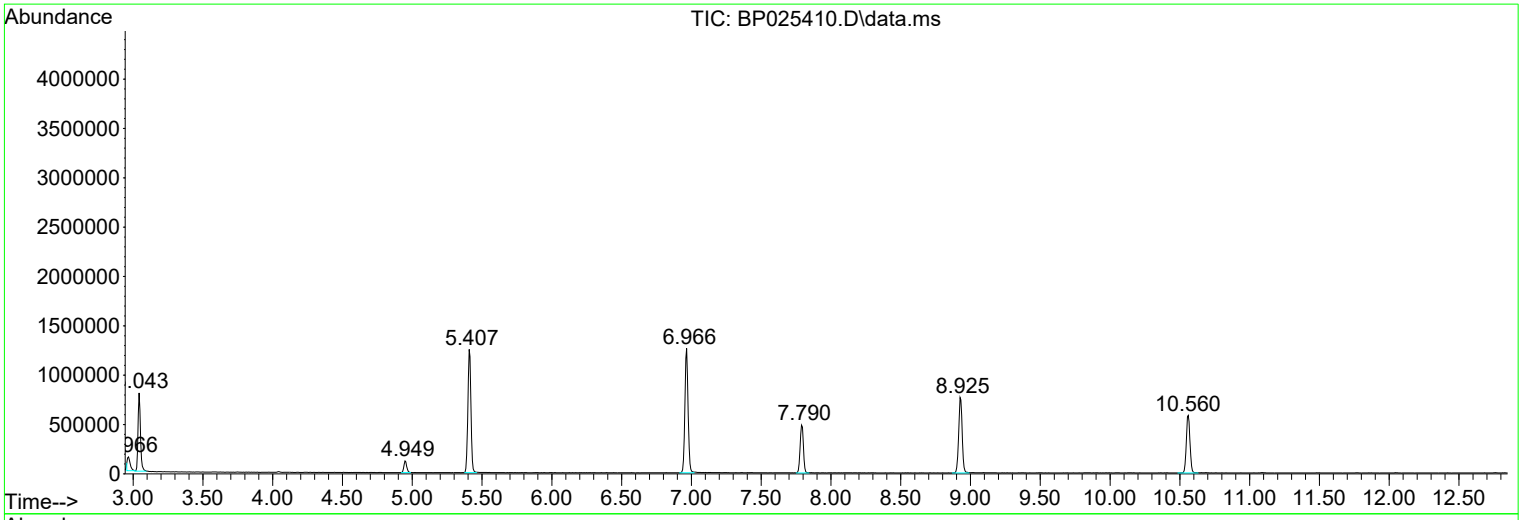
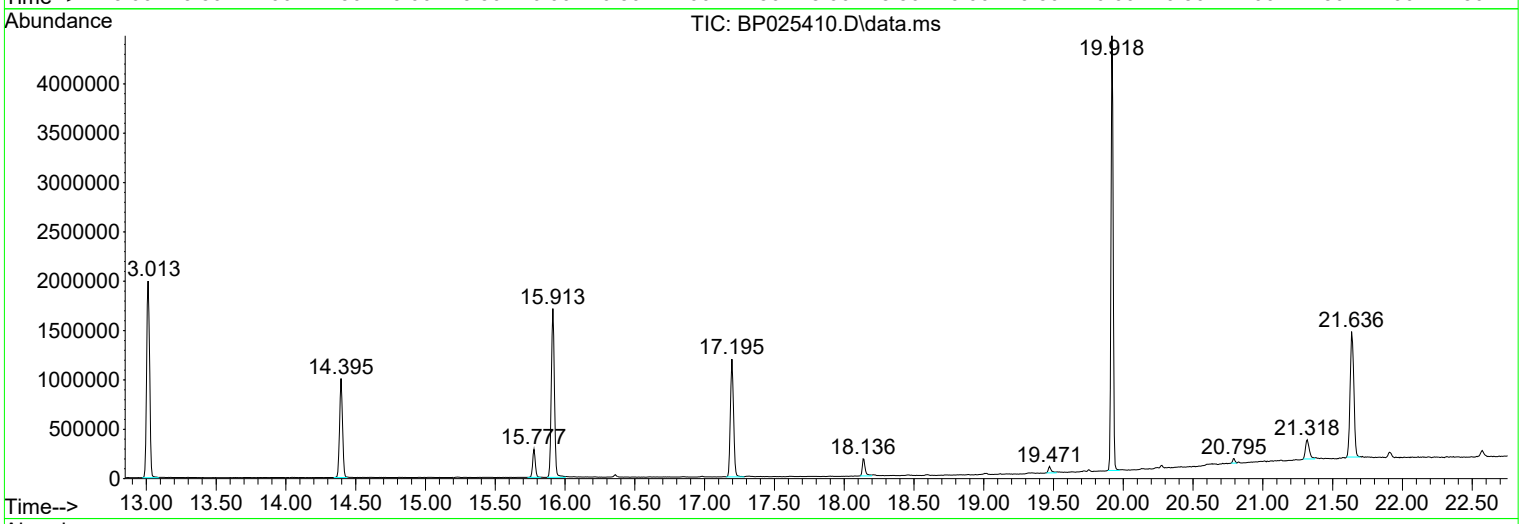
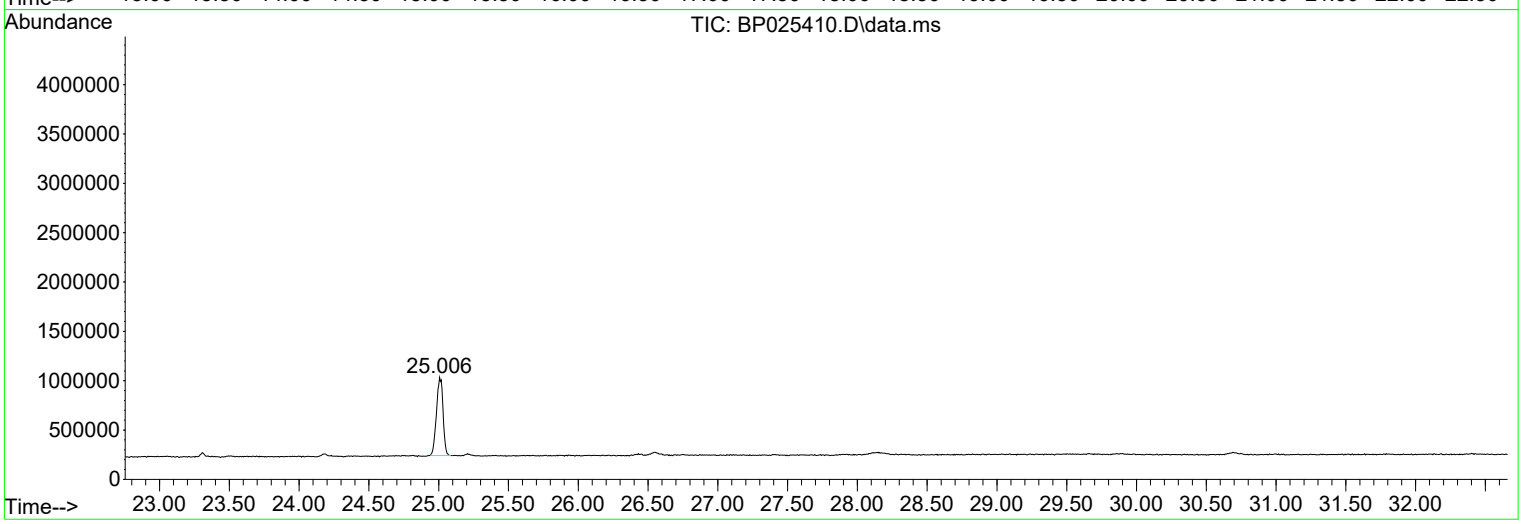
Instrument :
BNA_P
ClientSampleId :
22M-N

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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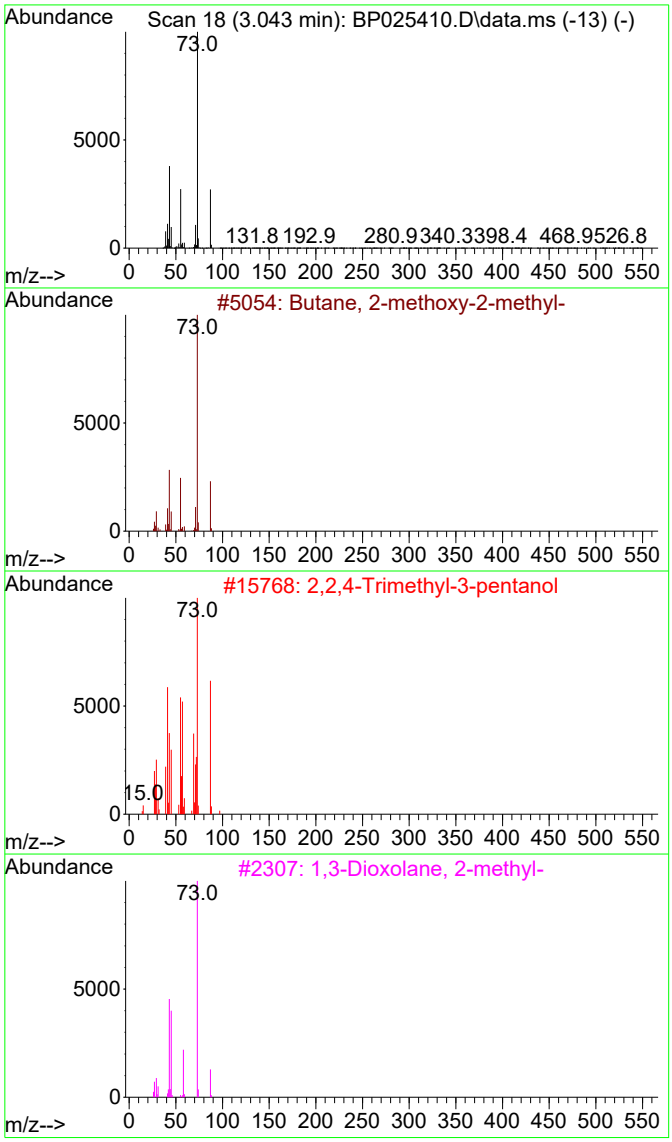
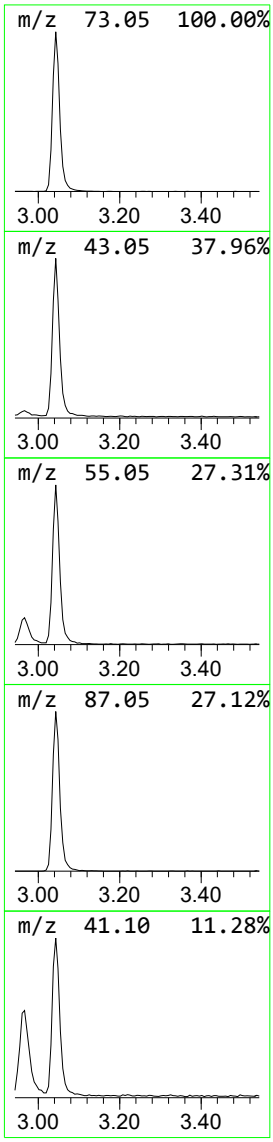
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.043	25.18 ng	978724	1,4-Dichlorobenzene-d4	7.790

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	17





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Sample : Q2820-21
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ClientSampleId :
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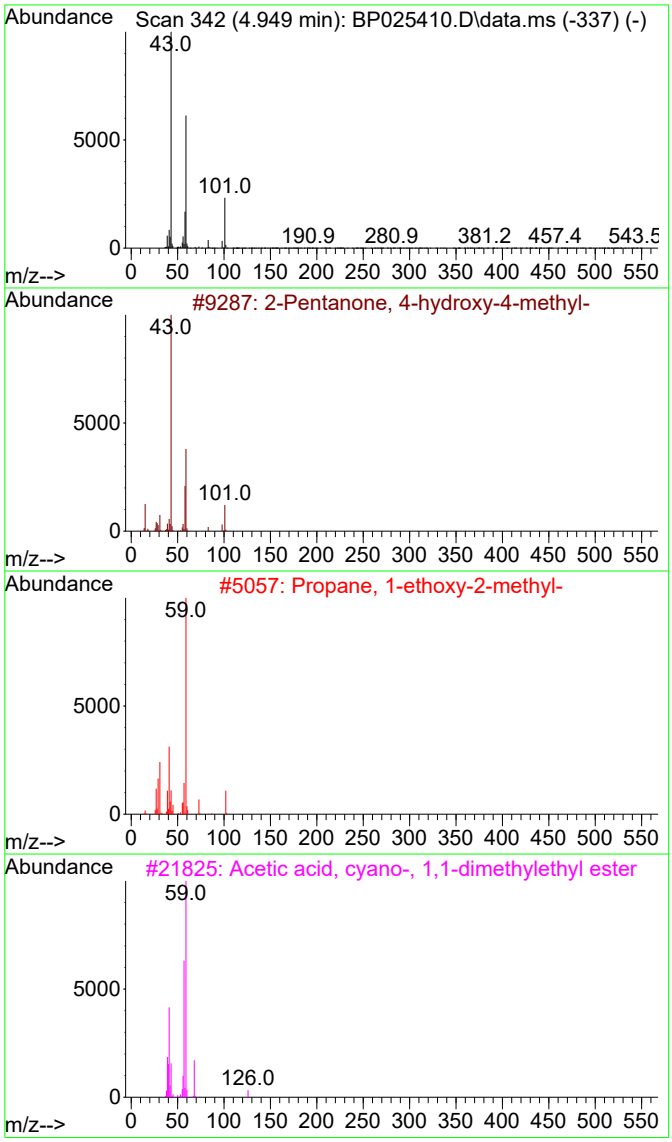
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

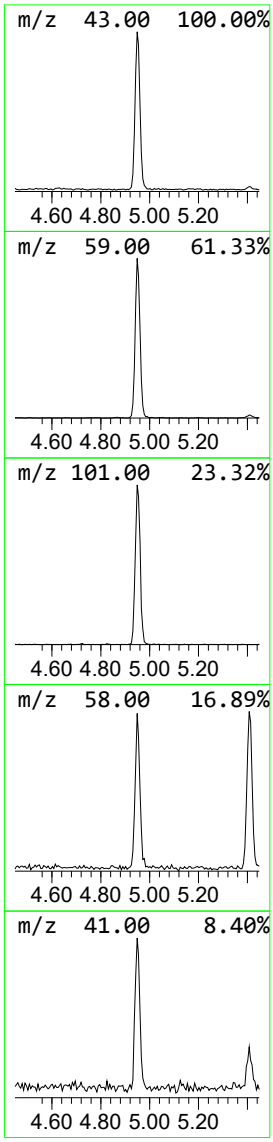
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.949	4.29 ng	166698	1,4-Dichlorobenzene-d4	7.790

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	17
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Acetone	58	C3H6O	000067-64-1	10
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Sample : Q2820-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22M-N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
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TIC Library : C:\Database\NIST20.L
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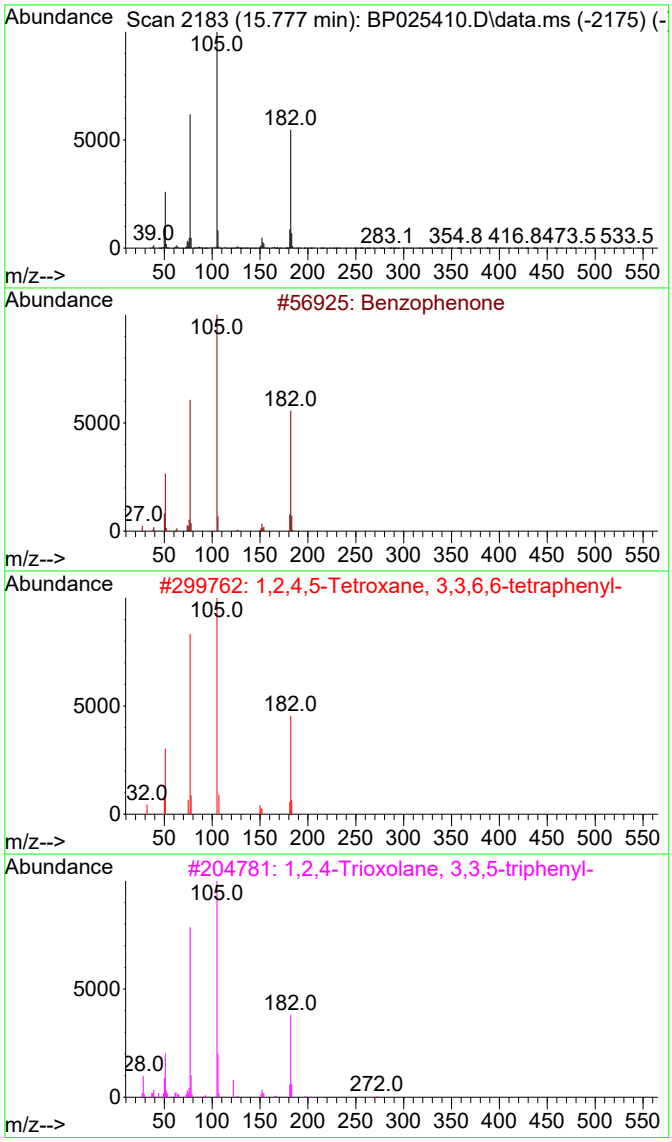
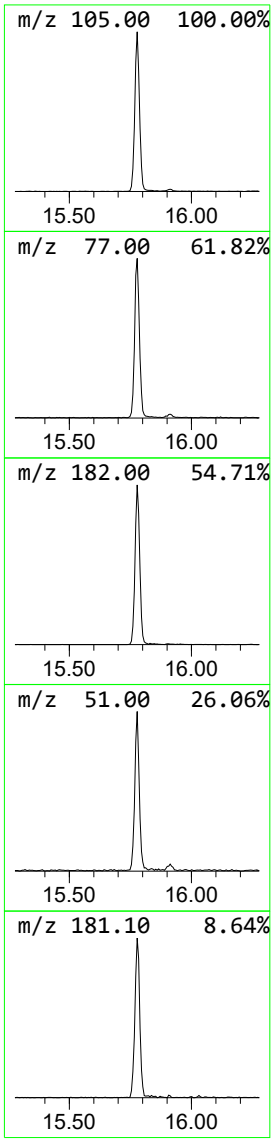
Peak Number 4 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.777	5.24 ng	387440	Acenaphthene-d10	14.395

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	56
3	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	45
4	Azobenzene	182	C12H10N2	000103-33-3	45
5	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45





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Misc :
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
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TIC Library : C:\Database\NIST20.L
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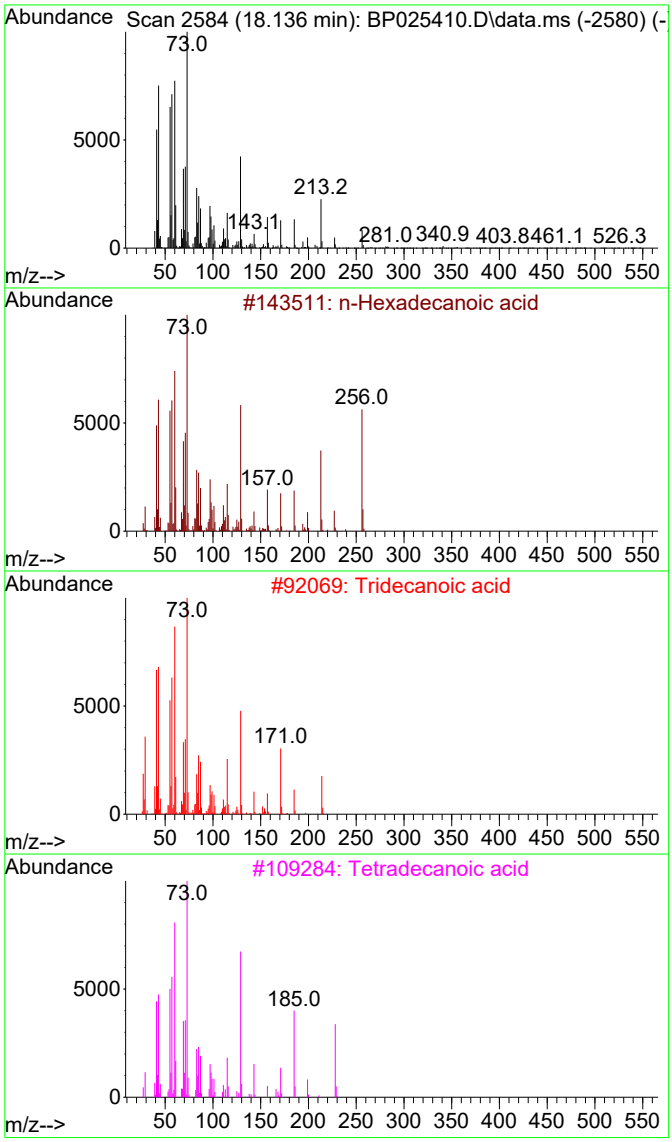
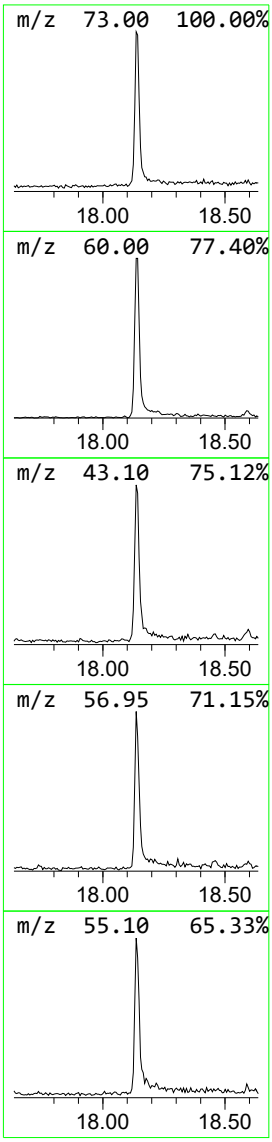
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.136	2.75 ng	255431	Phenanthrene-d10	17.195

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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Octadecanoic acid	284	C18H36O2	000057-11-4	81





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ALS Vial : 20 Sample Multiplier: 1

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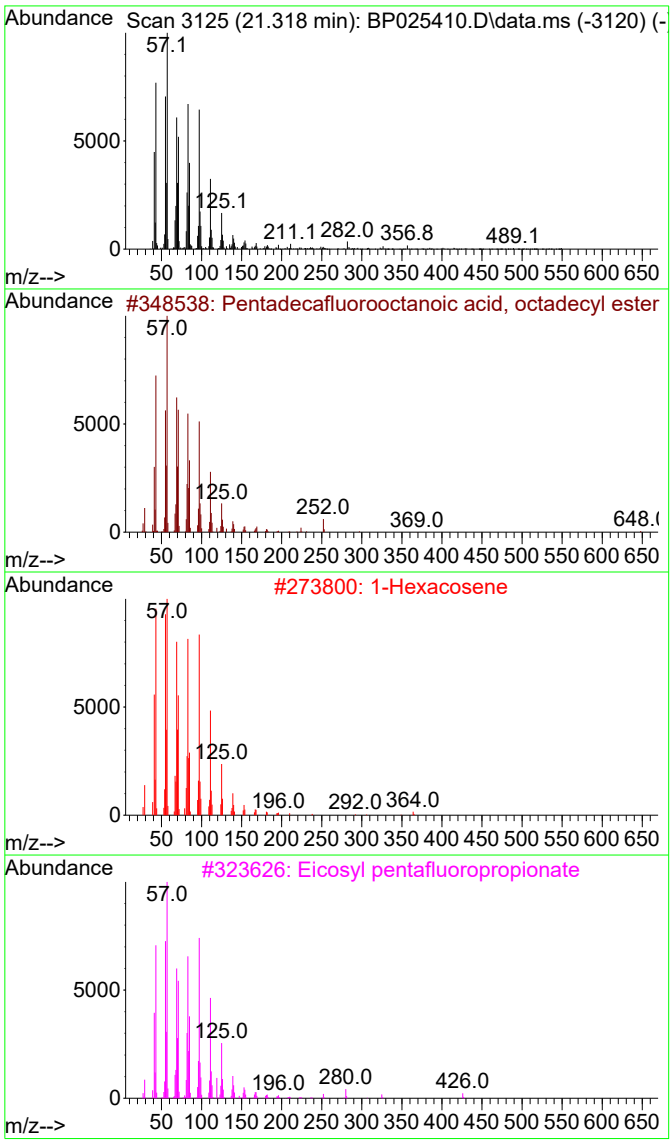
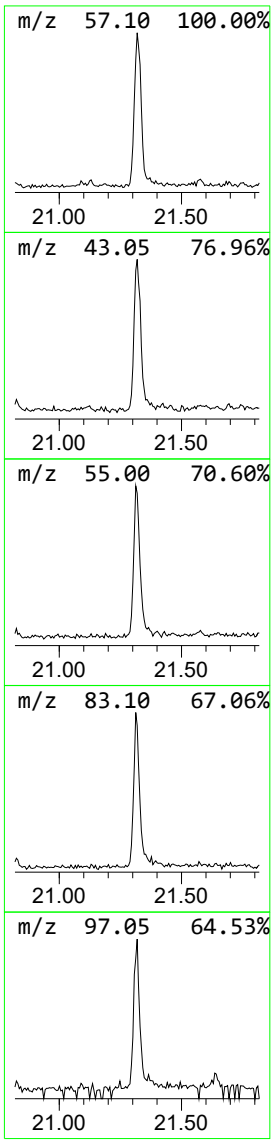
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Pentadecafluorooctanoic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.318	3.24 ng	373577	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
2	1-Hexacosene	364	C26H52	018835-33-1	93
3	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	90





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
Butane, 2-metho...	3.043	25.2	ng	978724	1	7.790	777502	20.0
2-Pentanone, 4-...	4.949	4.3	ng	166698	1	7.790	777502	20.0
Benzophenone	15.777	5.2	ng	387440	3	14.395	1478320	20.0
n-Hexadecanoic ...	18.136	2.8	ng	255431	4	17.195	1855160	20.0
Pentadecafluoro...	21.318	3.2	ng	373577	5	21.636	2303900	20.0