LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025490.D
Acq On : 20 Aug 2025 01:48
Operator : CG/JU
Sample : Q2870-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 6-9 COMP

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: BP025490.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.037	13	17	26	rVB	892756	1052168	14.91%	2.815%
2	4.943	335	341	350	rBV	181787	262958	3.73%	0.704%
3	5.408	412	420	430	rBV	1747865	2703161	38.31%	7.233%
4	6.966	675	685	699	rBV	1724382	2835616	40.18%	7.587%
5	7.790	817	825	832	rBV	549423	860514	12.19%	2.302%
6	8.925	1008	1018	1031	rBV	1163655	1902352	26.96%	5.090%
7	10.554	1286	1295	1308	rBV	647968	1187033	16.82%	3.176%
8	13.013	1705	1713	1738	rBV	2733877	4226764	59.90%	11.309%
9	14.401	1942	1949	1965	rBV	1191504	1672310	23.70%	4.474%
10	15.772	2176	2182	2193	rBV	345100	522558	7.41%	1.398%
11	15.907	2197	2205	2220	rBV	2389315	3897886	55.24%	10.429%
12	16.348	2274	2280	2292	rVB	46134	79768	1.13%	0.213%
13	17.189	2416	2423	2435	rBV2	1462619	2140542	30.33%	5.727%
14	18.125	2576	2582	2590	rBV	394061	595413	8.44%	1.593%
15	19.460	2804	2809	2813	rBV2	84324	129699	1.84%	0.347%
16	19.913	2880	2886	2896	rBV	5516575	7056798	100.00%	18.881%
17	20.783	3030	3034	3037	rVB	79799	88819	1.26%	0.238%
18	21.307	3119	3123	3135	rVB2	348079	599508	8.50%	1.604%
19	21.630	3172	3178	3192	rBV	1676297	2634246	37.33%	7.048%
20	21.901	3221	3224	3230	rVB	106311	136595	1.94%	0.365%
21	25.007	3742	3752	3771	rVB	775318	2789721	39.53%	7.464%

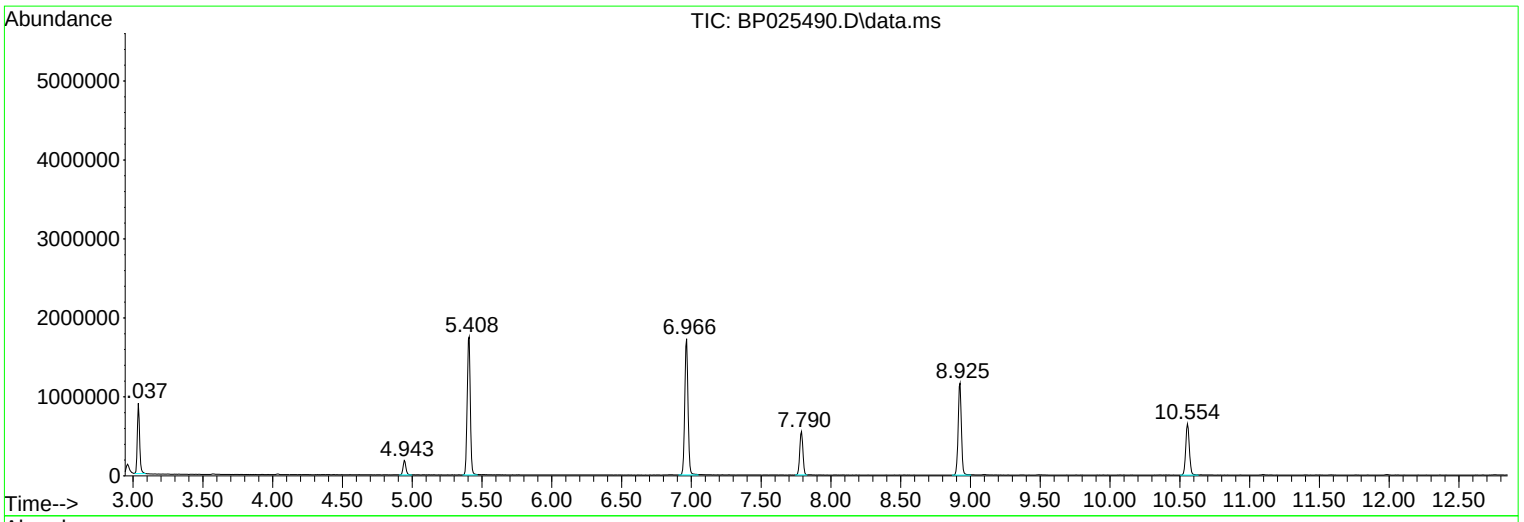
Sum of corrected areas: 37374429

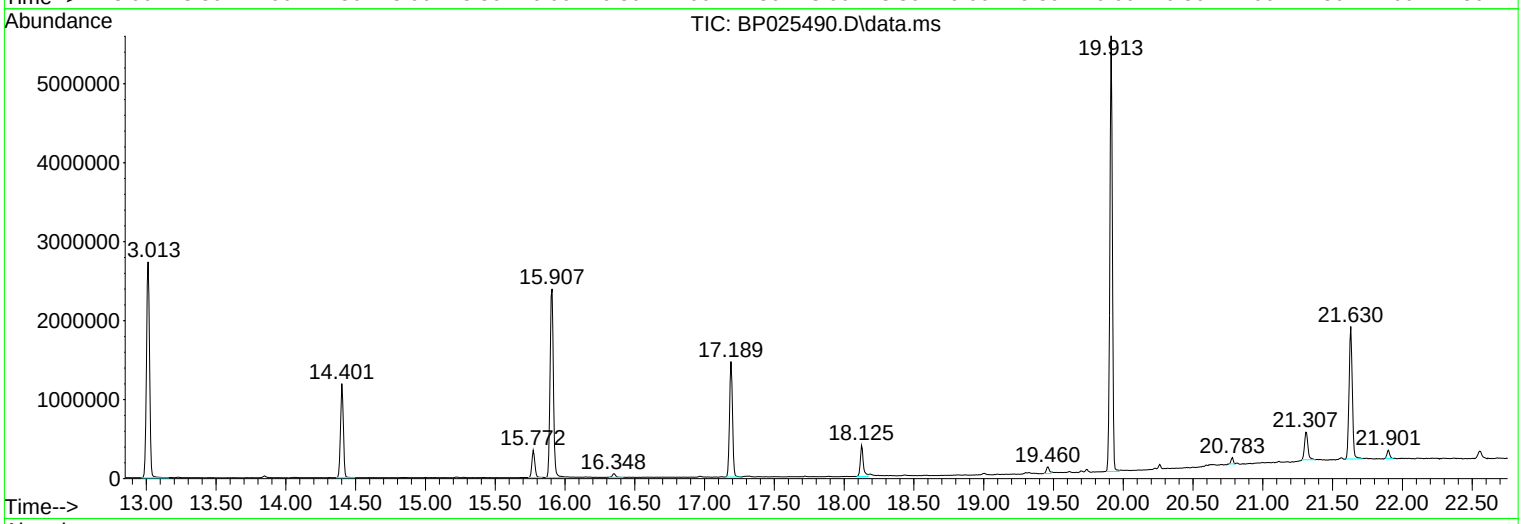
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025490.D
Acq On : 20 Aug 2025 01:48
Operator : CG/JU
Sample : Q2870-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

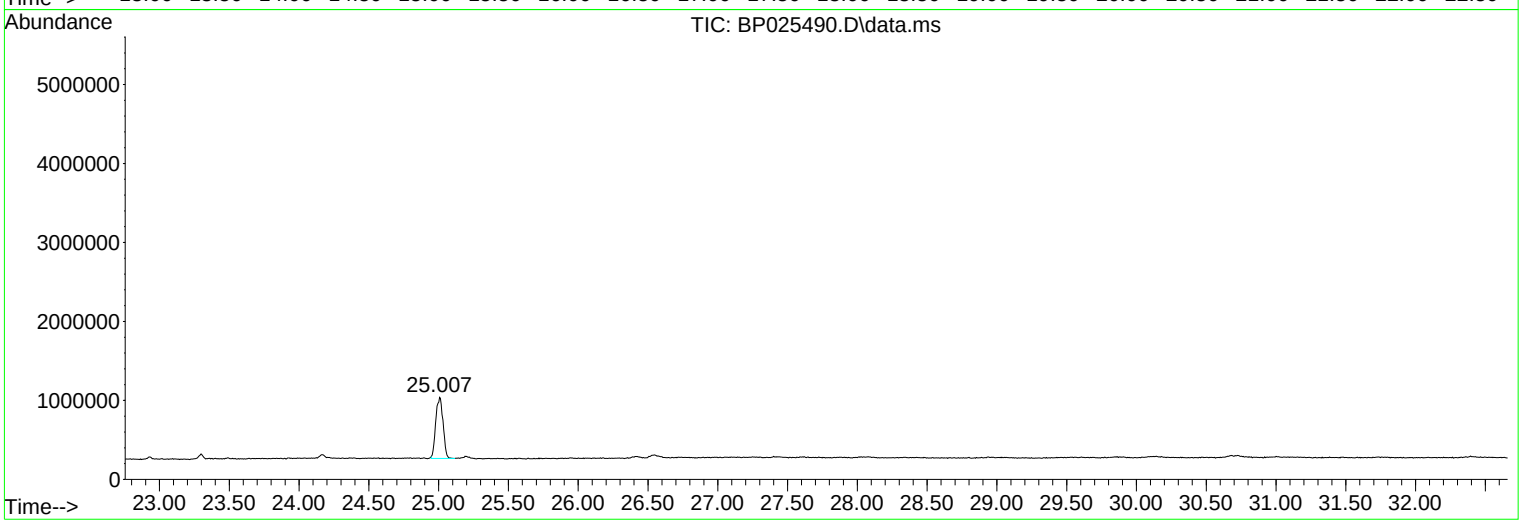
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 6-9 COMP

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025490.D
Acq On : 20 Aug 2025 01:48
Operator : CG/JU
Sample : Q2870-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 6-9 COMP

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

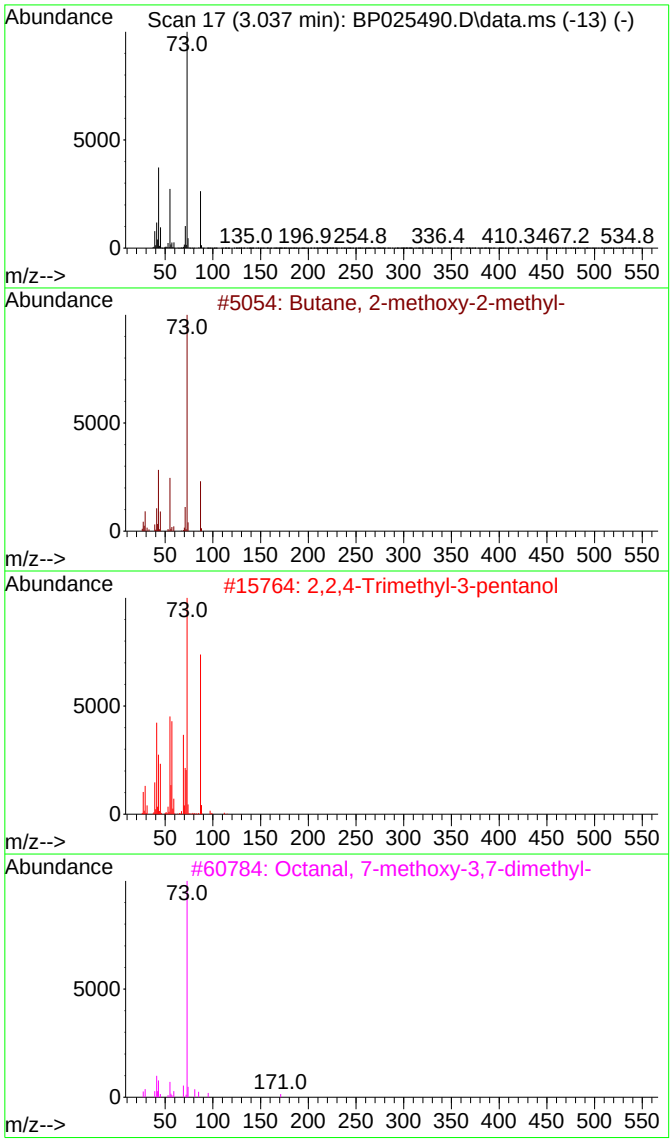
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

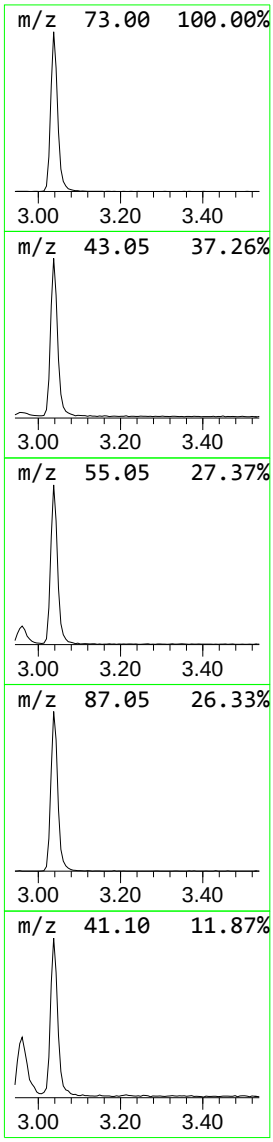
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.037	24.45 ng	1052170	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	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025490.D
Acq On : 20 Aug 2025 01:48
Operator : CG/JU
Sample : Q2870-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 6-9 COMP

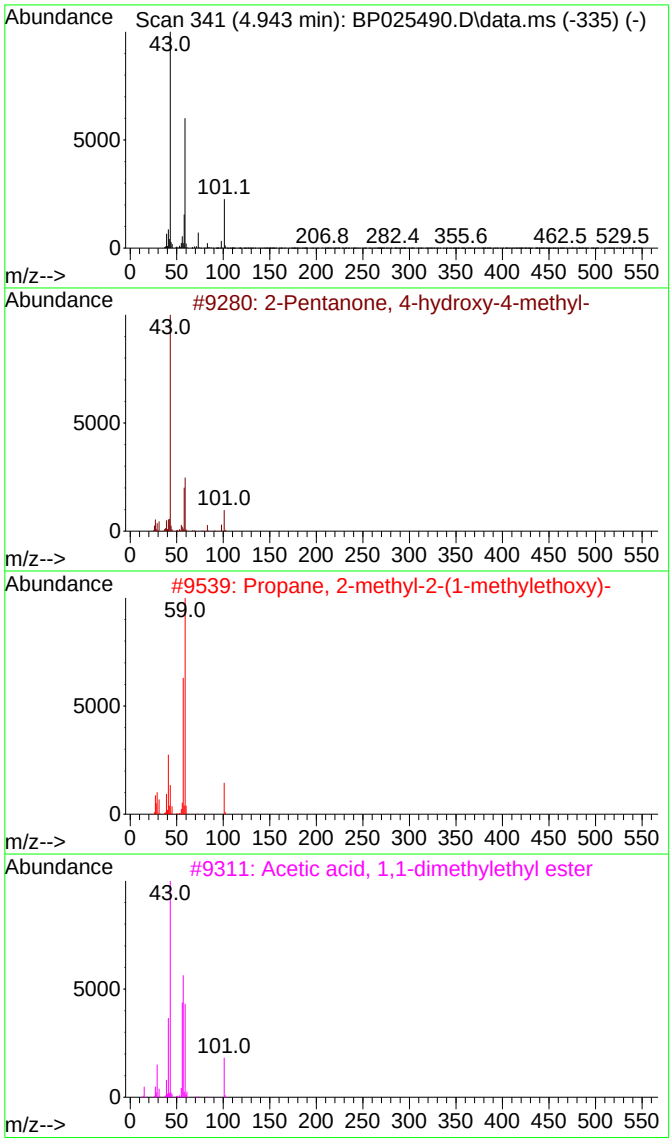
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

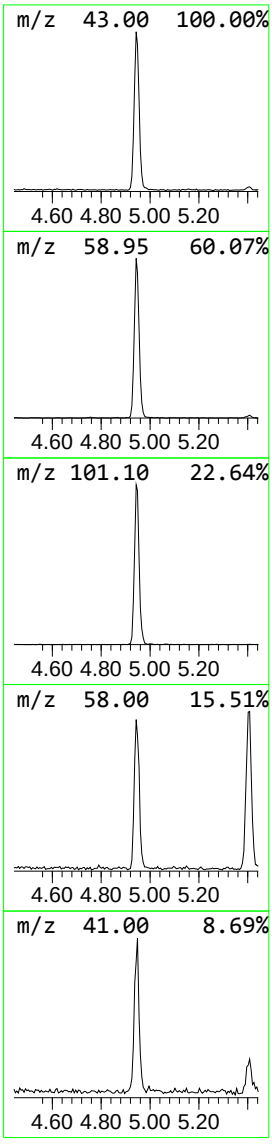
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.943	6.11 ng	262958	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	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	50
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	45
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025490.D
Acq On : 20 Aug 2025 01:48
Operator : CG/JU
Sample : Q2870-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 6-9 COMP

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

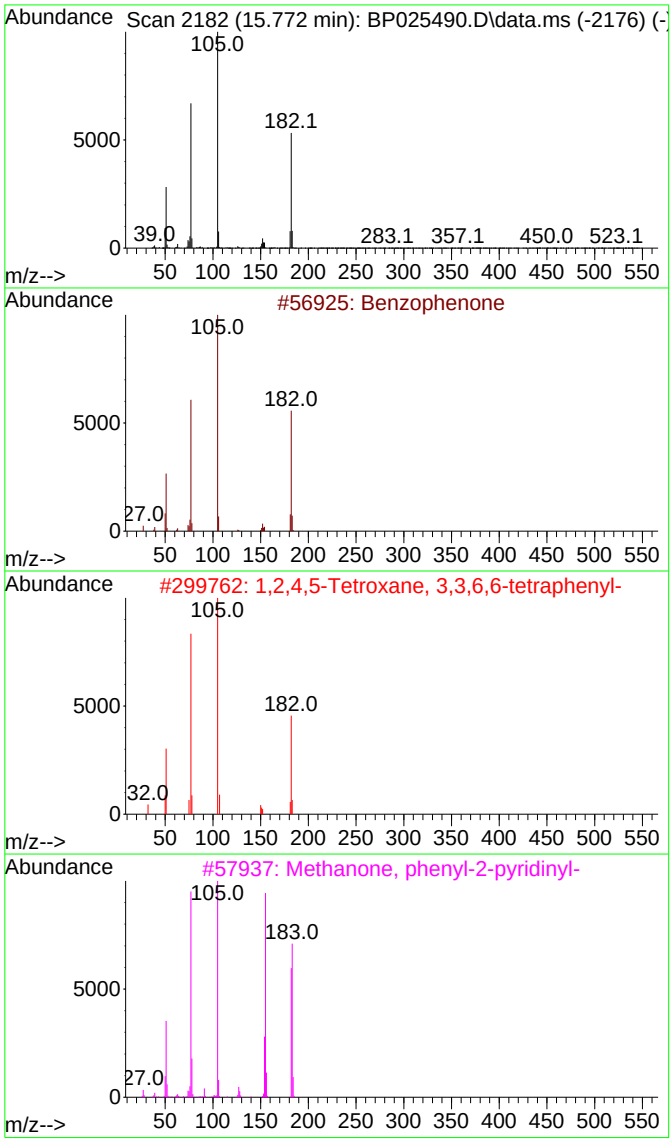
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

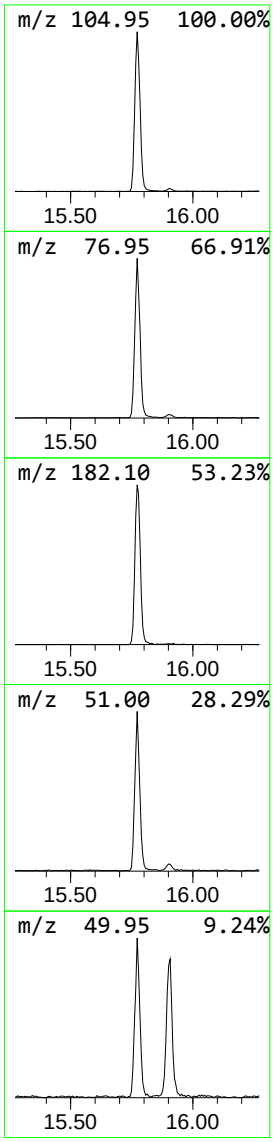
****

Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.772	6.25 ng	522558	Acenaphthene-d10	14.401

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	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	64
4	Azobenzene, (E)-	182	C12H10N2	017082-12-1	50
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025490.D
Acq On : 20 Aug 2025 01:48
Operator : CG/JU
Sample : Q2870-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 6-9 COMP

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

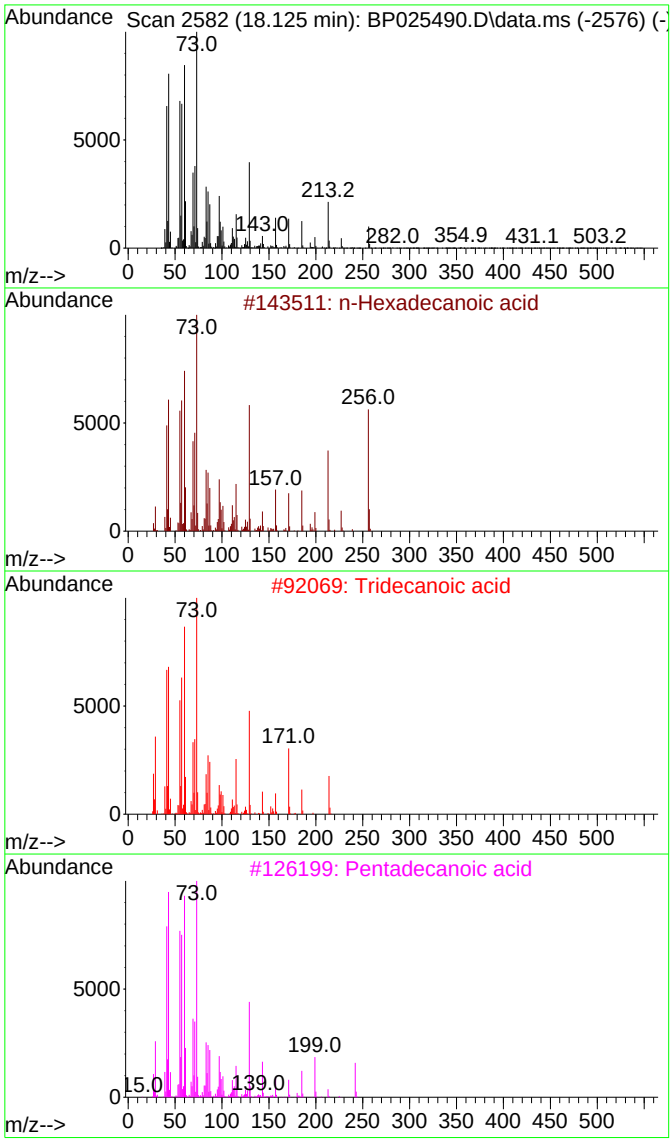
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

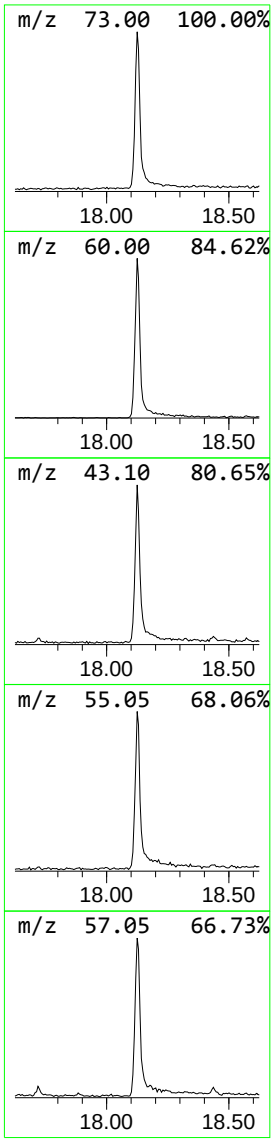
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.125	5.56 ng	595413	Phenanthrene-d10	17.189

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	Octadecanoic acid	284	C18H36O2	000057-11-4	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025490.D
Acq On : 20 Aug 2025 01:48
Operator : CG/JU
Sample : Q2870-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 6-9 COMP

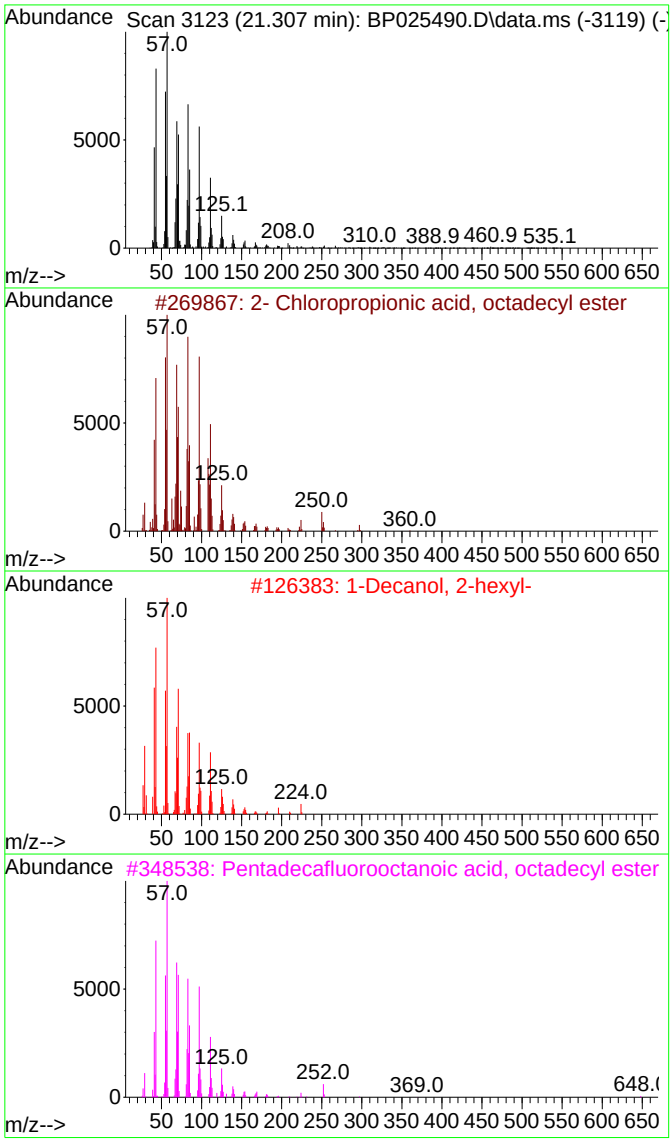
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

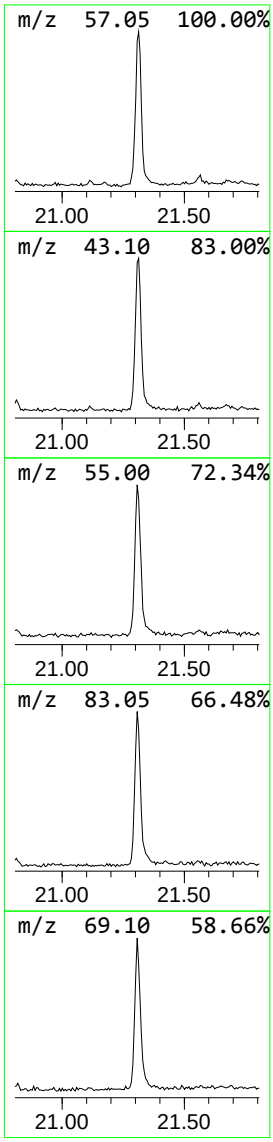
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2- Chloropropionic acid, oc... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.307	4.55 ng	599508	Chrysene-d12	21.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	94
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025490.D
Acq On : 20 Aug 2025 01:48
Operator : CG/JU
Sample : Q2870-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 6-9 COMP

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.037	24.4	ng	1052170	1	7.790	860514	20.0
2-Pentanone, 4-...	4.943	6.1	ng	262958	1	7.790	860514	20.0
Benzophenone	15.772	6.3	ng	522558	3	14.401	1672310	20.0
n-Hexadecanoic ...	18.125	5.6	ng	595413	4	17.189	2140540	20.0
2- Chloropropio...	21.307	4.5	ng	599508	5	21.630	2634250	20.0