LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025465.D
Acq On : 18 Aug 2025 17:35
Operator : CG/JU
Sample : Q2876-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-08142025

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: BP025465.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	24	rVB	110209	128538	2.99%	0.510%
2	4.943	336	341	349	rVB	102088	139754	3.25%	0.554%
3	5.402	412	419	429	rBV	1046311	1610905	37.45%	6.386%
4	6.966	677	685	695	rBV	1040542	1702204	39.57%	6.748%
5	7.784	818	824	832	rBV	516783	819662	19.05%	3.249%
6	8.925	1010	1018	1026	rBV	643483	1089236	25.32%	4.318%
7	10.560	1287	1296	1303	rBV	638205	1110485	25.81%	4.402%
8	13.013	1706	1713	1726	rBV	1708393	2587590	60.15%	10.258%
9	14.395	1941	1948	1956	rBV	924485	1440305	33.48%	5.710%
10	15.766	2177	2181	2189	rVB	134075	185748	4.32%	0.736%
11	15.901	2197	2204	2213	rBV	1348909	2056433	47.80%	8.152%
12	16.342	2276	2279	2290	rVB	37238	59484	1.38%	0.236%
13	17.189	2416	2423	2428	rBV2	1077307	1770963	41.17%	7.021%
14	17.889	2538	2542	2548	rVB9	32977	52079	1.21%	0.206%
15	18.124	2577	2582	2589	rBV	165510	282494	6.57%	1.120%
16	18.554	2652	2655	2660	rBV4	28503	49193	1.14%	0.195%
17	19.313	2781	2784	2788	rBV	88850	118106	2.75%	0.468%
18	19.689	2845	2848	2853	rBV	82937	105731	2.46%	0.419%
19	19.907	2880	2885	2890	rBV	3474845	4301925	100.00%	17.054%
20	20.777	3028	3033	3040	rVB3	253918	460888	10.71%	1.827%
21	21.301	3120	3122	3130	rVB4	118347	212957	4.95%	0.844%
22	21.630	3172	3178	3185	rVB	1467781	2430587	56.50%	9.636%
23	25.006	3745	3752	3763	rVB	979712	2509811	58.34%	9.950%

Sum of corrected areas: 25225078

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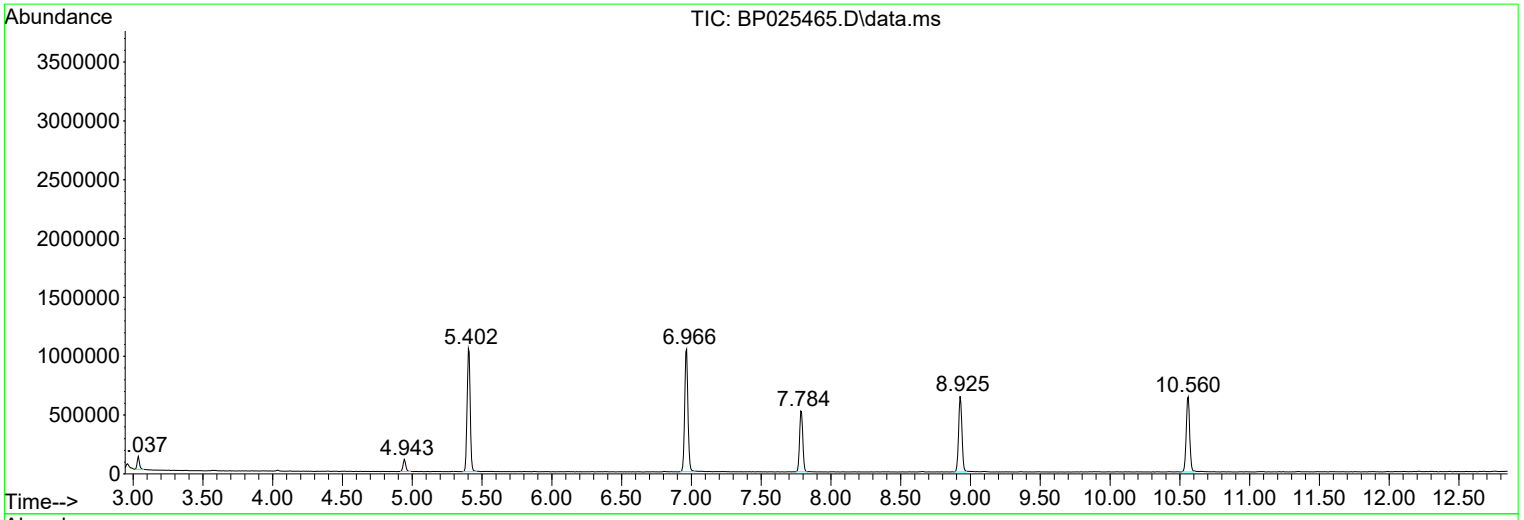
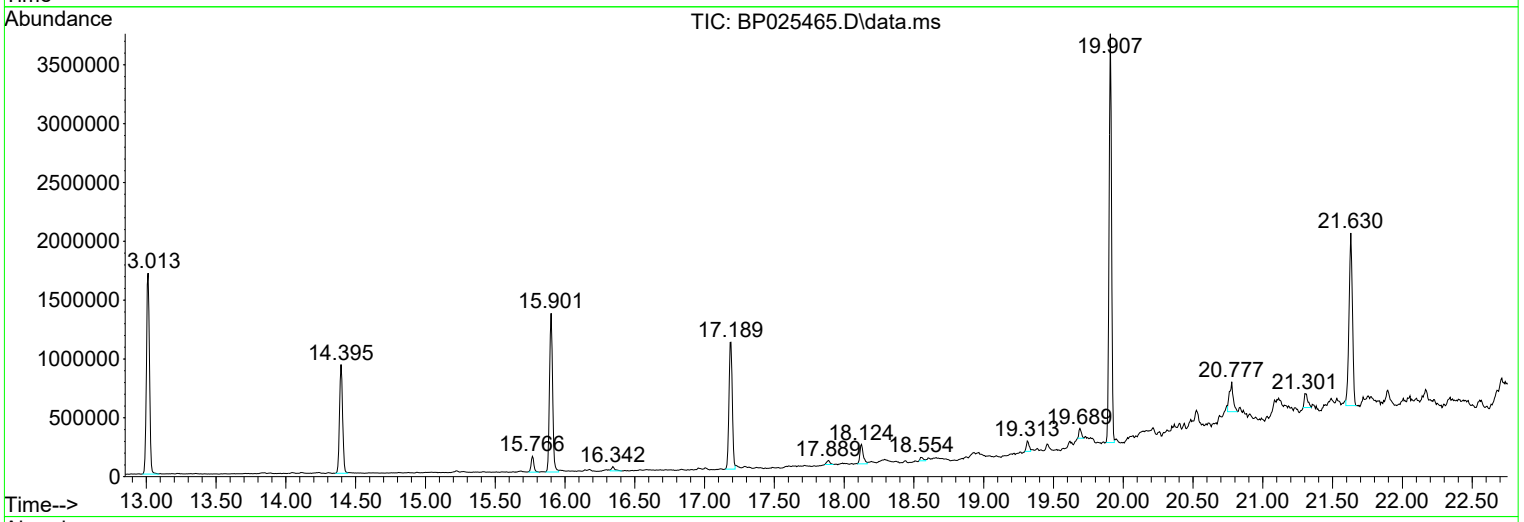
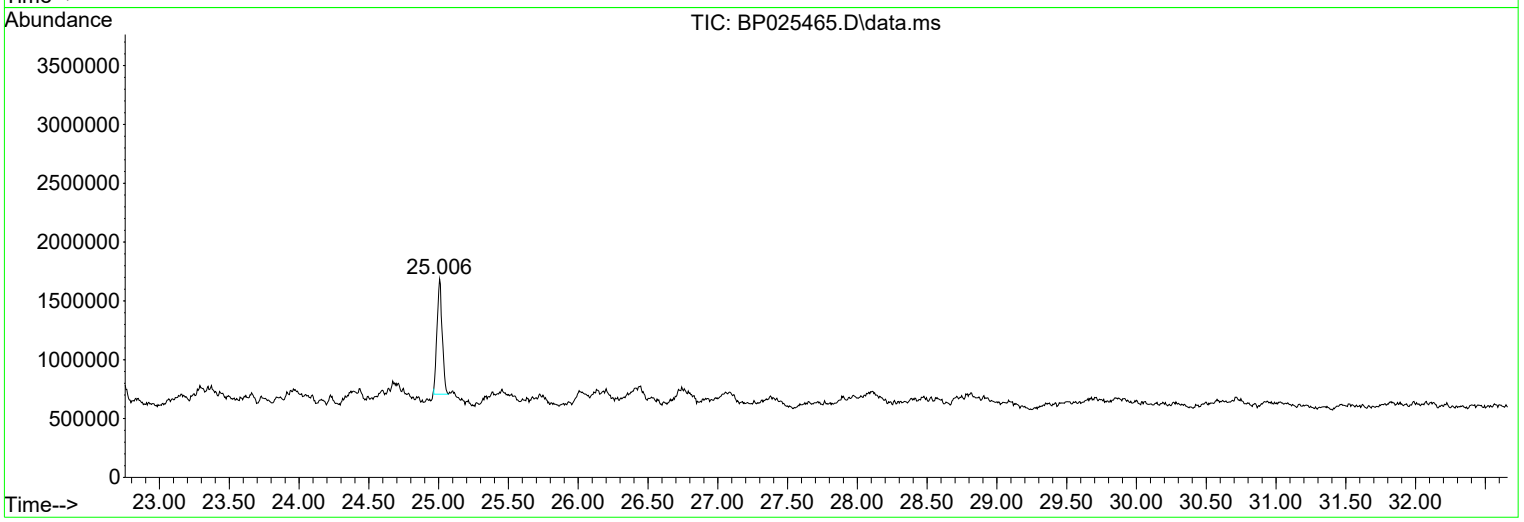
ClientSampleId :
CL-02-08142025

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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

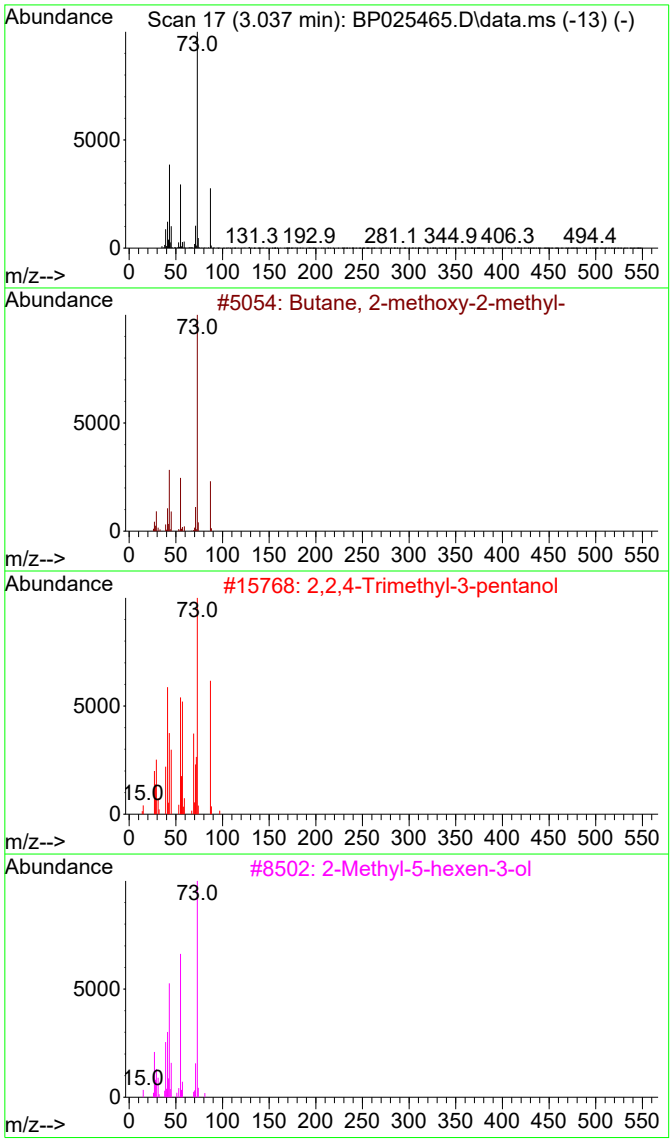
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

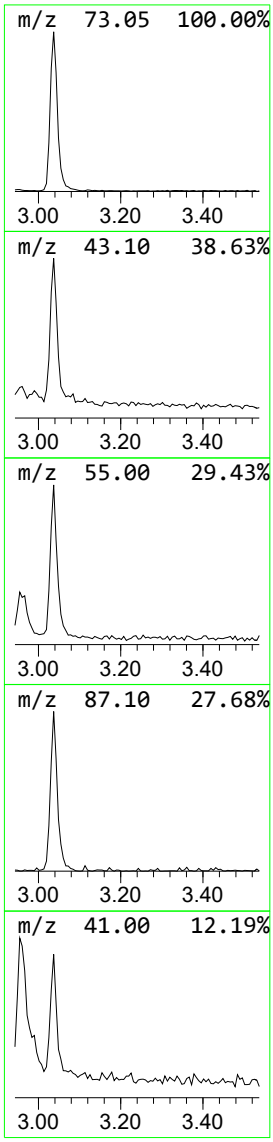
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.037	3.14 ng	128538	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	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	23
5	2-Acetamido-N-methylacetamide	130	C5H10N2O2	007606-79-3	16





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Acq On : 18 Aug 2025 17:35
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Sample : Q2876-01 2X
Misc :
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Instrument :
BNA_P
ClientSampleId :
CL-02-08142025

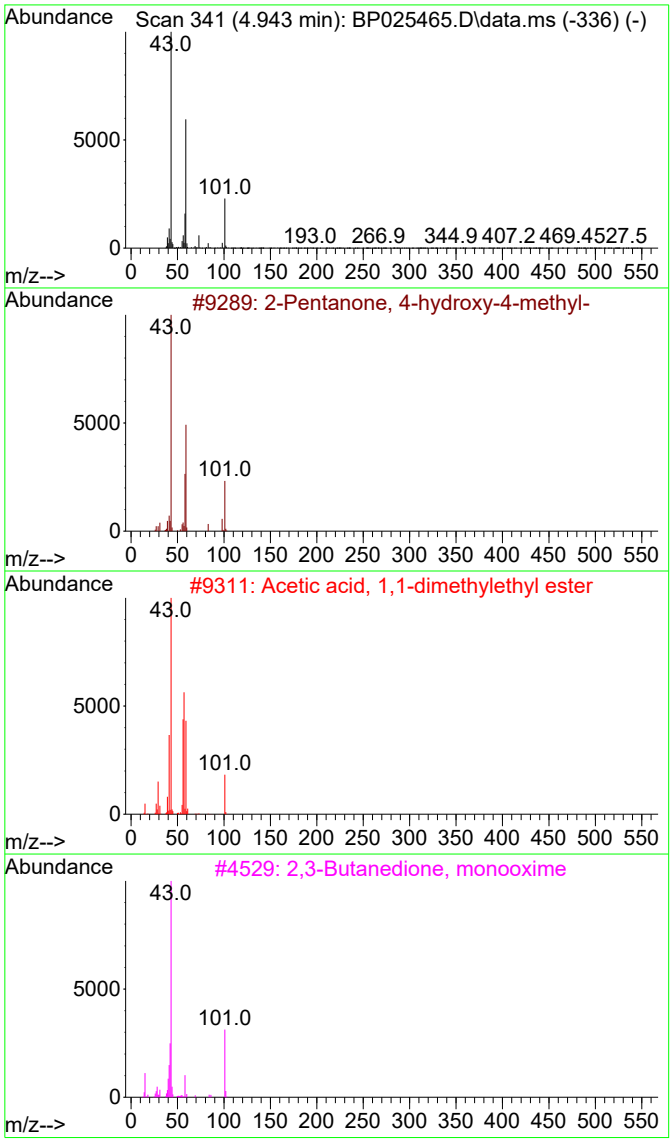
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

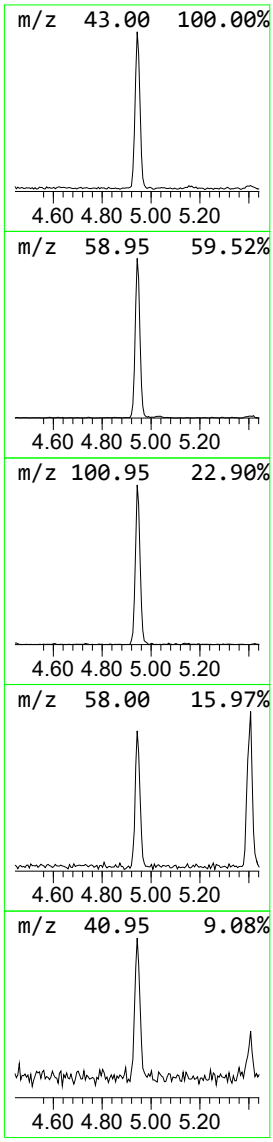
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.943	3.41 ng	139754	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	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	45
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Methyl 2,5,8,11-tetraoxatridecan...	236	C10H20O6	1000366-78-2	25
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
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Acq On : 18 Aug 2025 17:35
Operator : CG/JU
Sample : Q2876-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-08142025

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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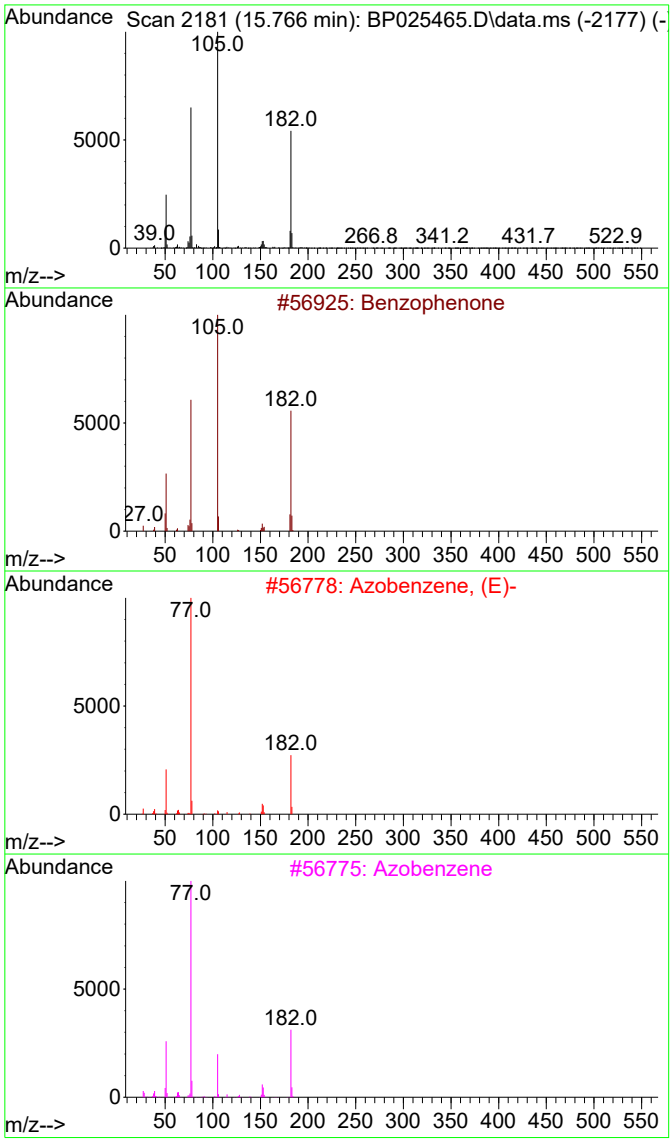
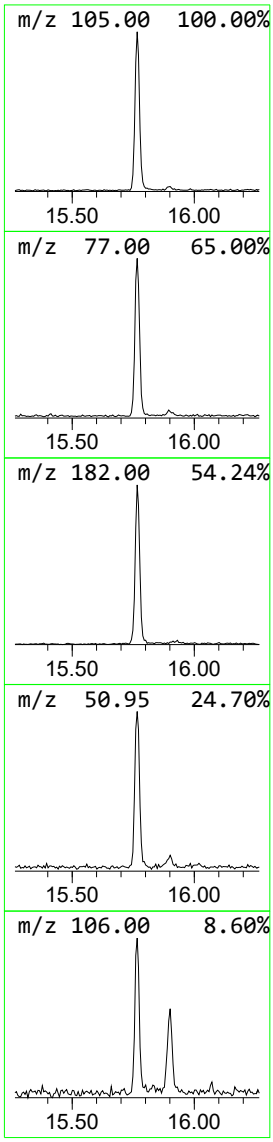
Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.766	2.58 ng	185748	Acenaphthene-d10	14.395

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene, (E)-	182	C12H10N2	017082-12-1	53
3	Azobenzene	182	C12H10N2	000103-33-3	45
4	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45
5	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	39





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Misc :
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Instrument :
BNA_P
ClientSampleId :
CL-02-08142025

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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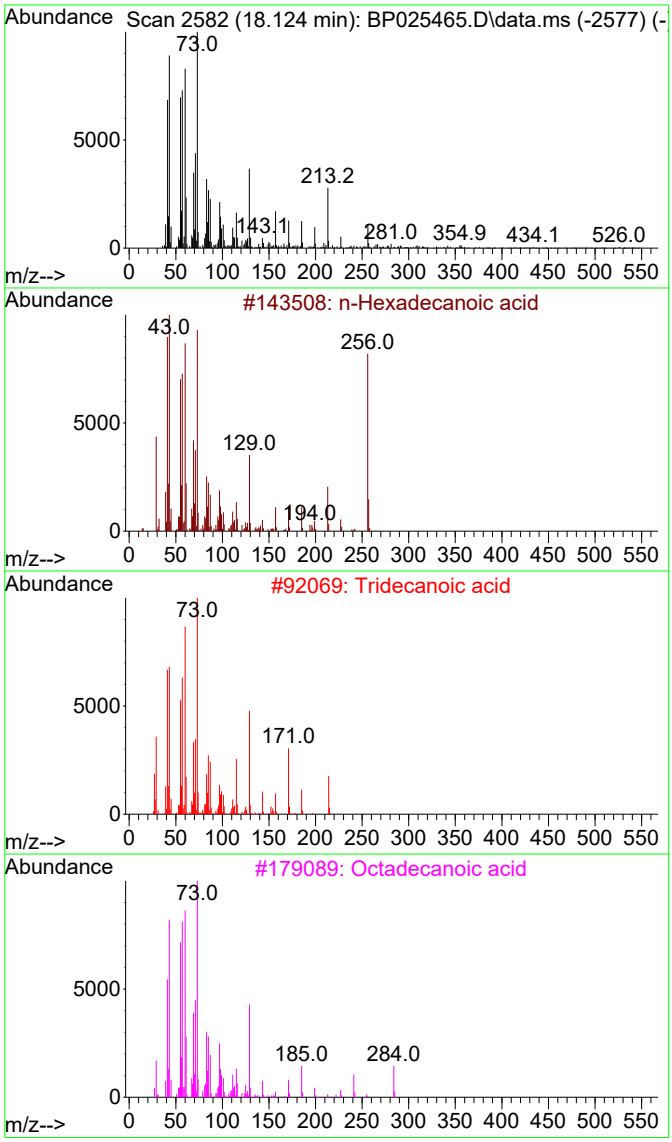
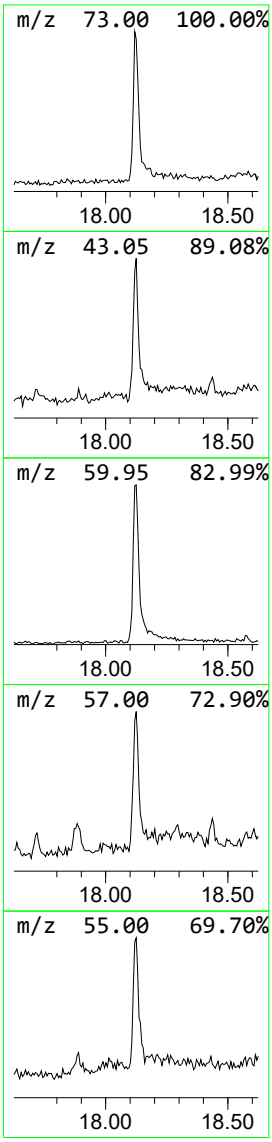
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.125	3.19 ng	282494	Phenanthrene-d10	17.183

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	91
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-08142025

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

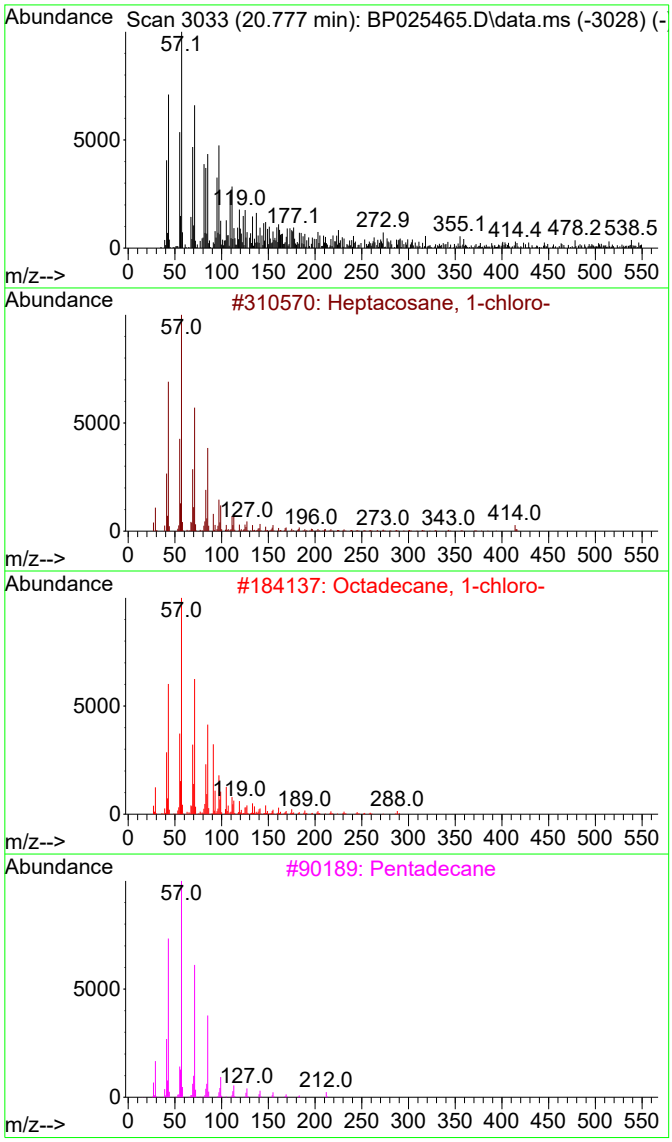
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

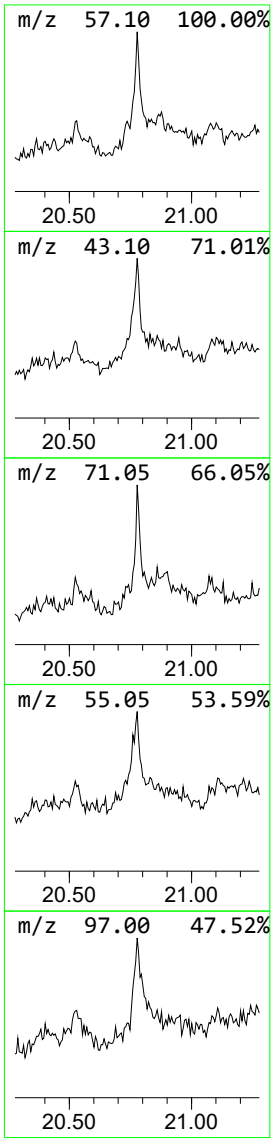
****

Peak Number 5 Heptacosane, 1-chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.777	3.79 ng	460888	Chrysene-d12	21.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	94
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Eicosane	282	C20H42	000112-95-8	83
5	Octacosane	394	C28H58	000630-02-4	83





Tentatively Identified Compound (LSC) summary

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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	3.1	ng	128538	1	7.790	819662	20.0
2-Pentanone, 4-...	4.943	3.4	ng	139754	1	7.790	819662	20.0
Benzophenone	15.766	2.6	ng	185748	3	14.395	1440310	20.0
n-Hexadecanoic ...	18.125	3.2	ng	282494	4	17.183	1770960	20.0
Heptacosane, 1-...	20.777	3.8	ng	460888	5	21.630	2430590	20.0