LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025535.D
Acq On : 21 Aug 2025 11:31
Operator : CG/JU
Sample : Q2819-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
84SB-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: BP025535.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	12	17	27	rVB	1023469	1242969	24.47%	3.474%
2	4.943	336	341	347	rBV	147751	209596	4.13%	0.586%
3	5.402	412	419	429	rBV	1642246	2371492	46.69%	6.628%
4	6.961	675	684	698	rBV	1636745	2509619	49.40%	7.014%
5	7.784	815	824	831	rBV	592751	974604	19.19%	2.724%
6	8.919	1009	1017	1033	rBV	965150	1689686	33.26%	4.723%
7	10.549	1286	1294	1305	rBV	765016	1315125	25.89%	3.676%
8	13.007	1704	1712	1726	rBV	2243591	3369302	66.33%	9.417%
9	14.395	1941	1948	1955	rBV	1129748	1646201	32.41%	4.601%
10	15.231	2081	2090	2097	rBV	52009	97254	1.91%	0.272%
11	15.778	2176	2183	2191	rBV	428121	598224	11.78%	1.672%
12	15.907	2198	2205	2217	rBV	1714578	2829654	55.71%	7.909%
13	16.354	2276	2281	2292	rVB	52027	89134	1.75%	0.249%
14	17.201	2418	2425	2429	rBV	1272725	2030460	39.97%	5.675%
15	17.242	2429	2432	2438	rVB	241990	363242	7.15%	1.015%
16	17.336	2444	2448	2454	rVB	50465	74021	1.46%	0.207%
17	17.889	2539	2542	2551	rVB5	48419	79255	1.56%	0.222%
18	18.131	2578	2583	2592	rBV2	478334	807320	15.89%	2.256%
19	18.207	2592	2596	2600	rVB	56948	86743	1.71%	0.242%
20	19.330	2780	2787	2793	rBV	435308	714638	14.07%	1.997%
21	19.466	2805	2810	2816	rBV	239231	389375	7.67%	1.088%
22	19.701	2842	2850	2857	rBV2	326799	705741	13.89%	1.973%
23	19.919	2882	2887	2892	rBV	4642160	5079687	100.00%	14.198%
24	21.313	3120	3124	3130	rBV2	216142	384124	7.56%	1.074%
25	21.642	3172	3180	3186	rBV	1664764	3077628	60.59%	8.602%
26	21.689	3186	3188	3197	rVB	203217	296185	5.83%	0.828%
27	25.018	3747	3754	3765	rVB	1067486	2746992	54.08%	7.678%

Sum of corrected areas: 35778271

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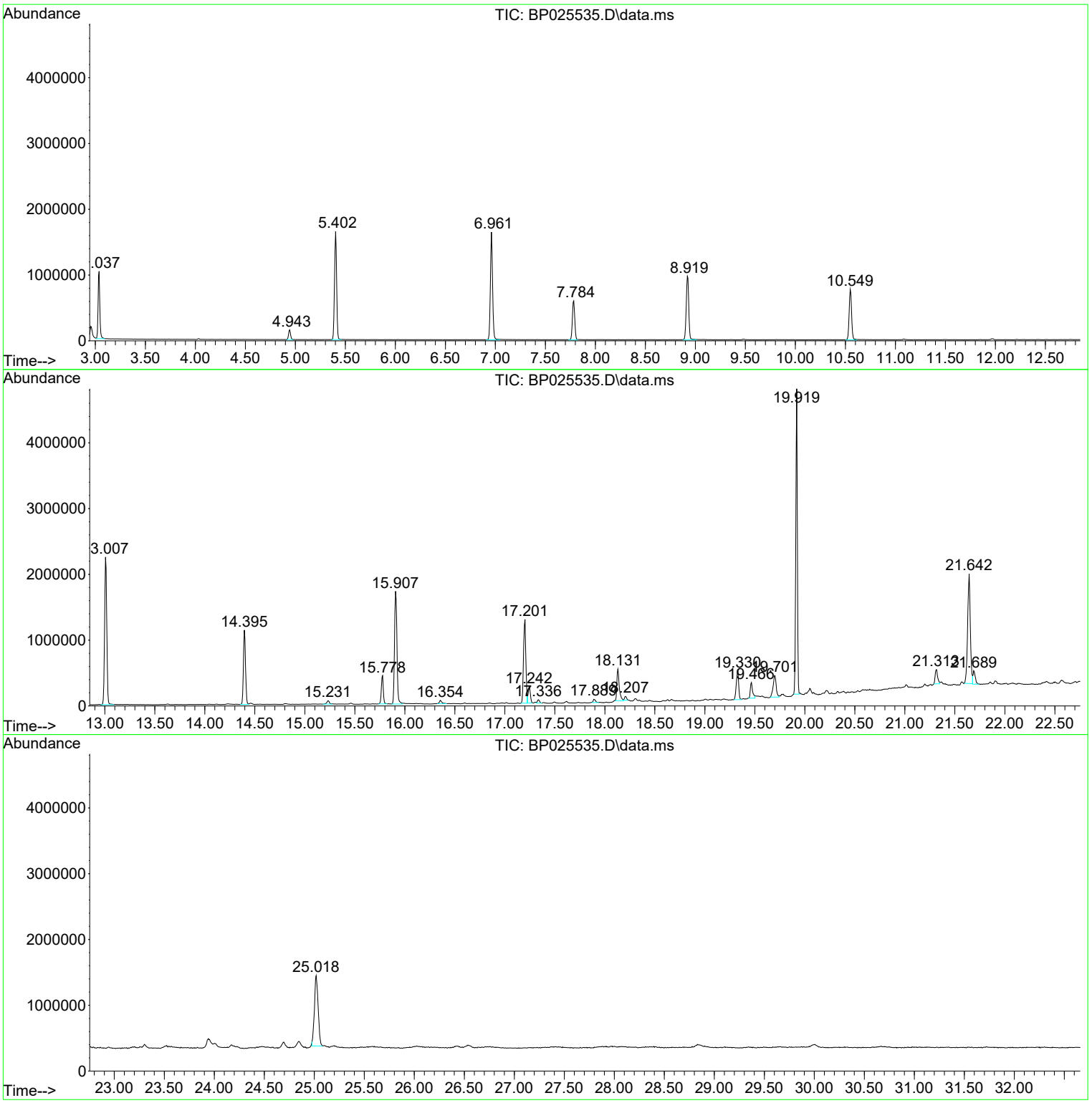
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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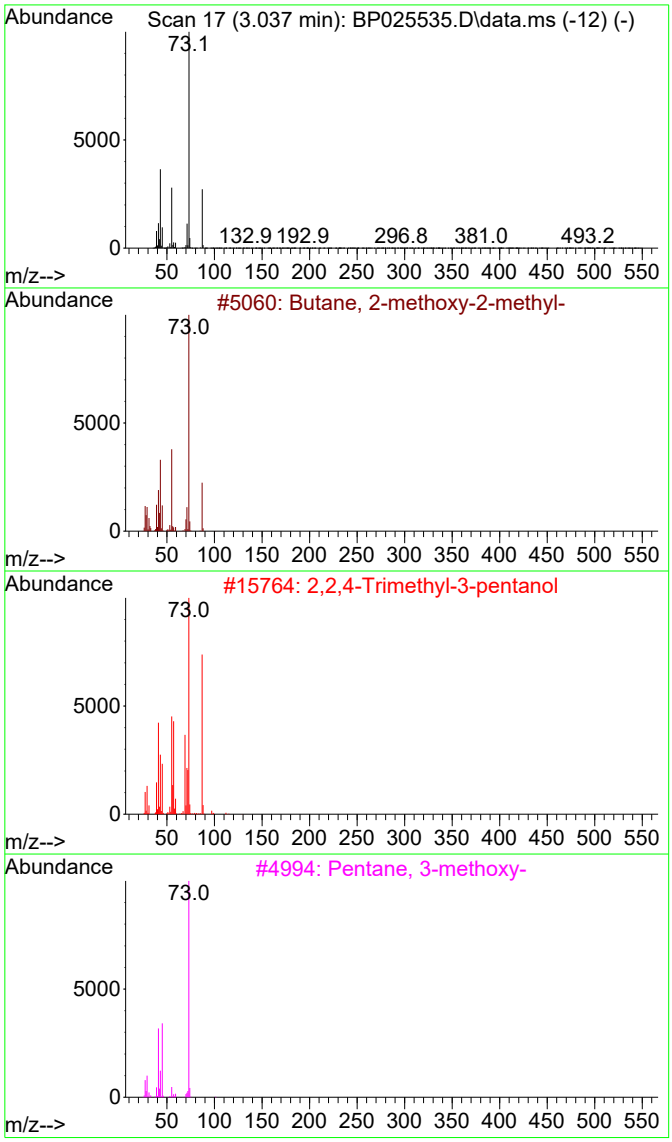
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

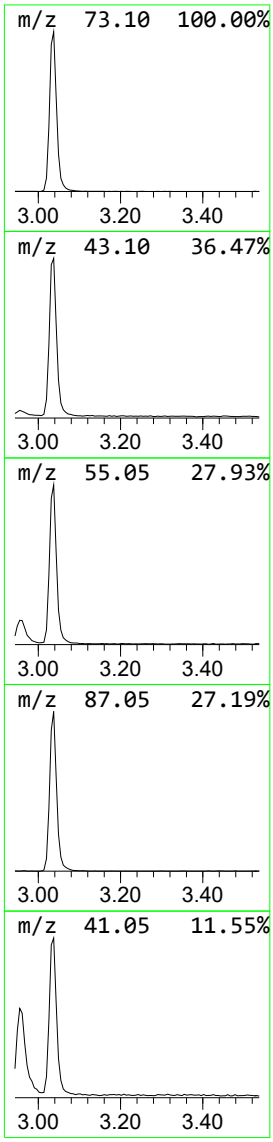
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.037	25.51 ng	1242970	1,4-Dichlorobenzene-d4	7.784

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Operator : CG/JU
Sample : Q2819-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
84SB-W

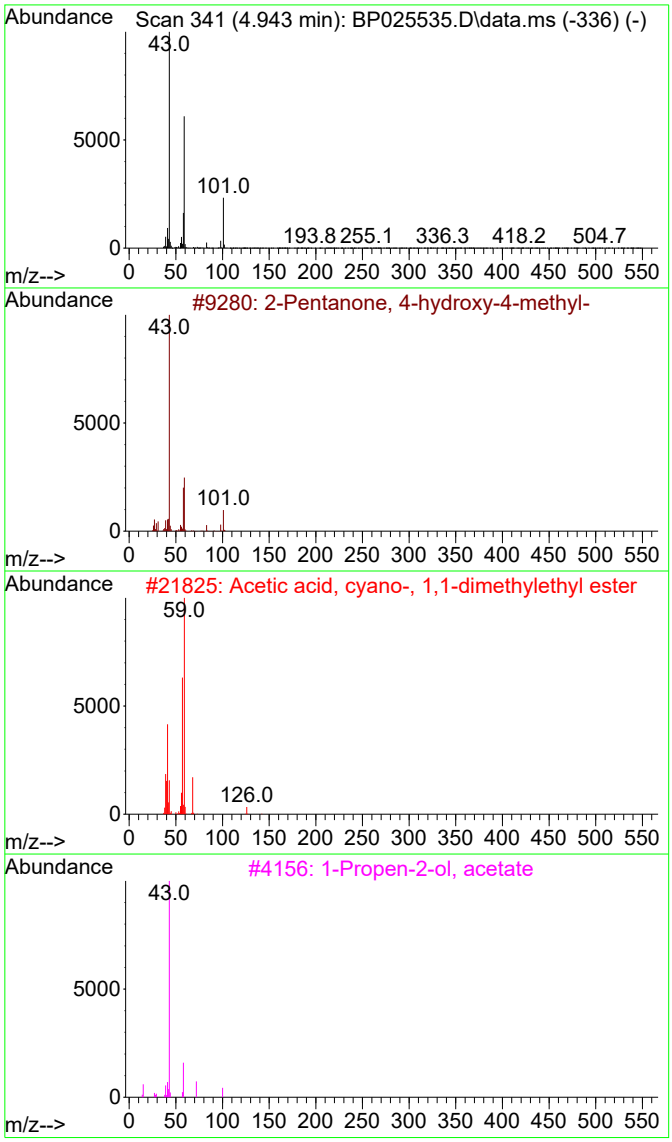
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

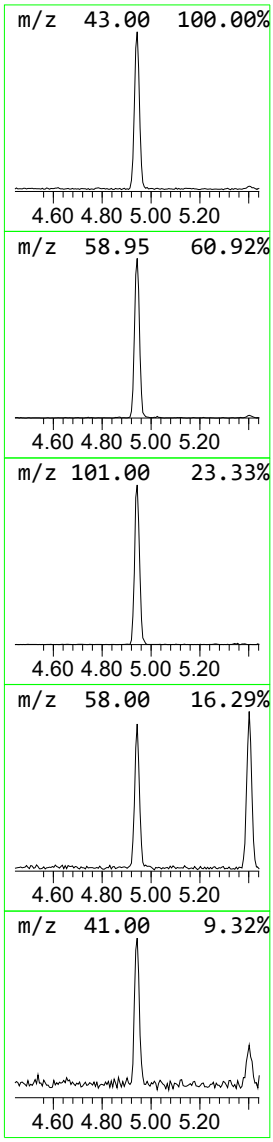
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.943	4.30 ng	209596	1,4-Dichlorobenzene-d4	7.784

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Data File : BP025535.D
Acq On : 21 Aug 2025 11:31
Operator : CG/JU
Sample : Q2819-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
84SB-W

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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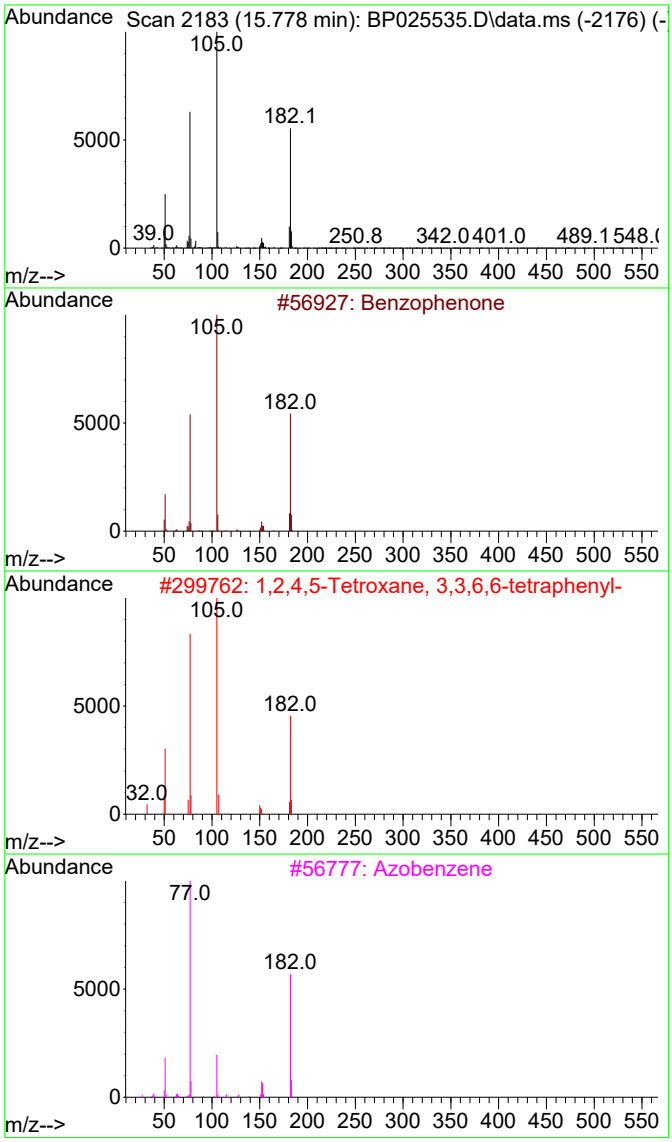
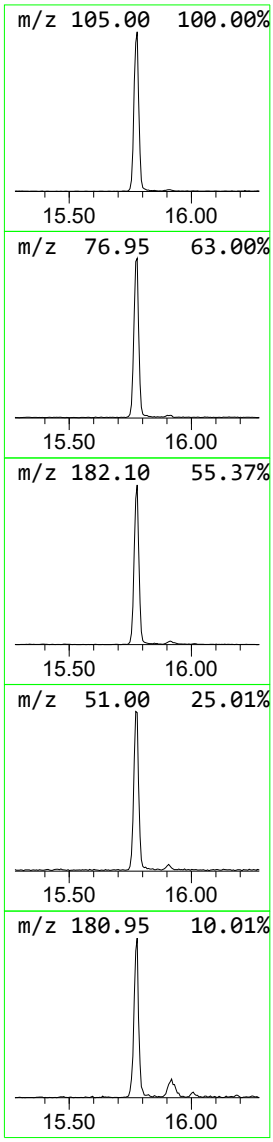
Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.778	7.27 ng	598224	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	64
3	Azobenzene	182	C12H10N2	000103-33-3	64
4	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	45
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	27





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Operator : CG/JU
Sample : Q2819-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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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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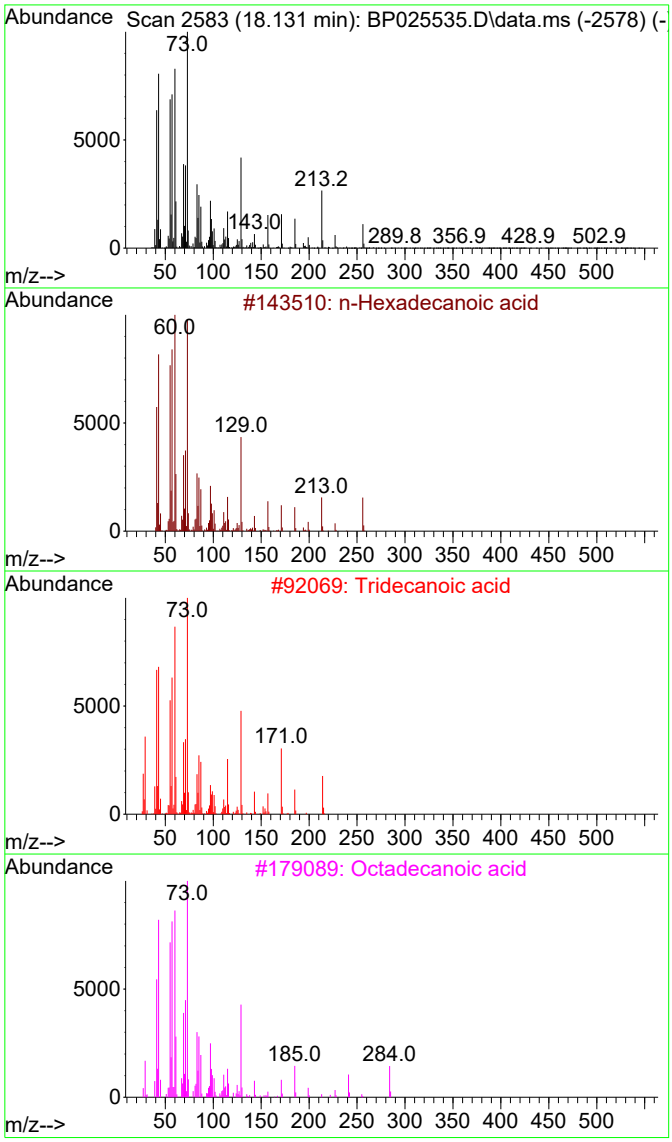
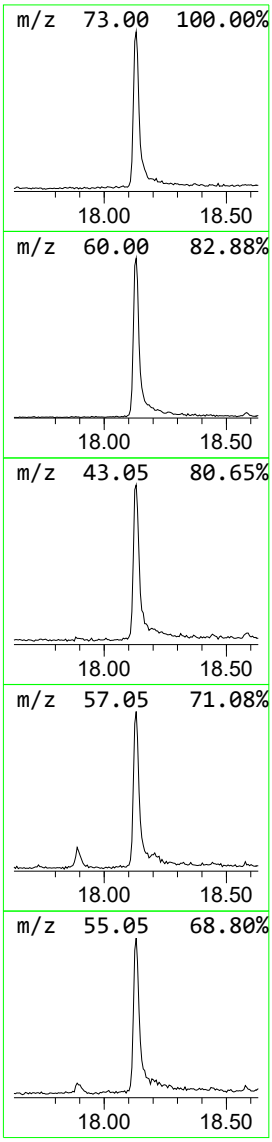
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.131	7.95 ng	807320	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	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	91





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Data File : BP025535.D
Acq On : 21 Aug 2025 11:31
Operator : CG/JU
Sample : Q2819-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
84SB-W

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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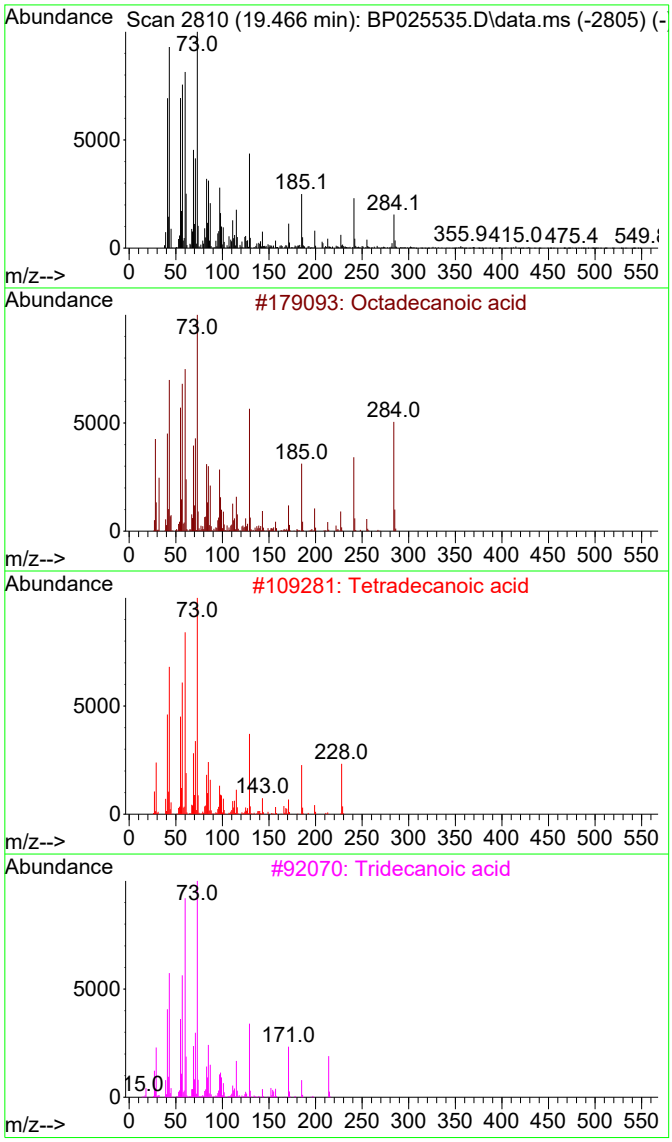
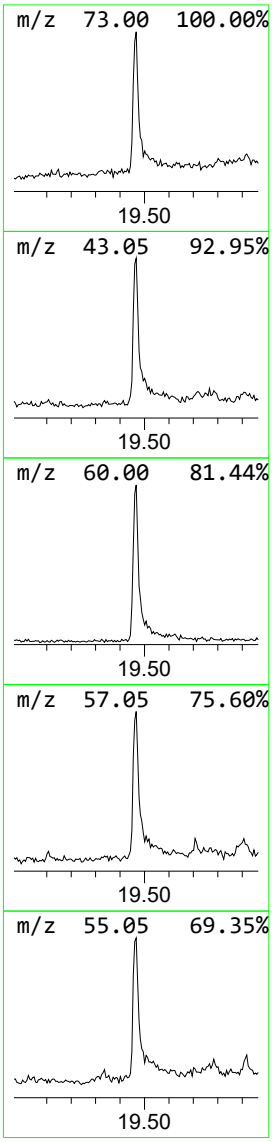
Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.466	2.53 ng	389375	Chrysene-d12	21.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74





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Sample : Q2819-11
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ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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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
TIC Integration Parameters: LSCINT.P

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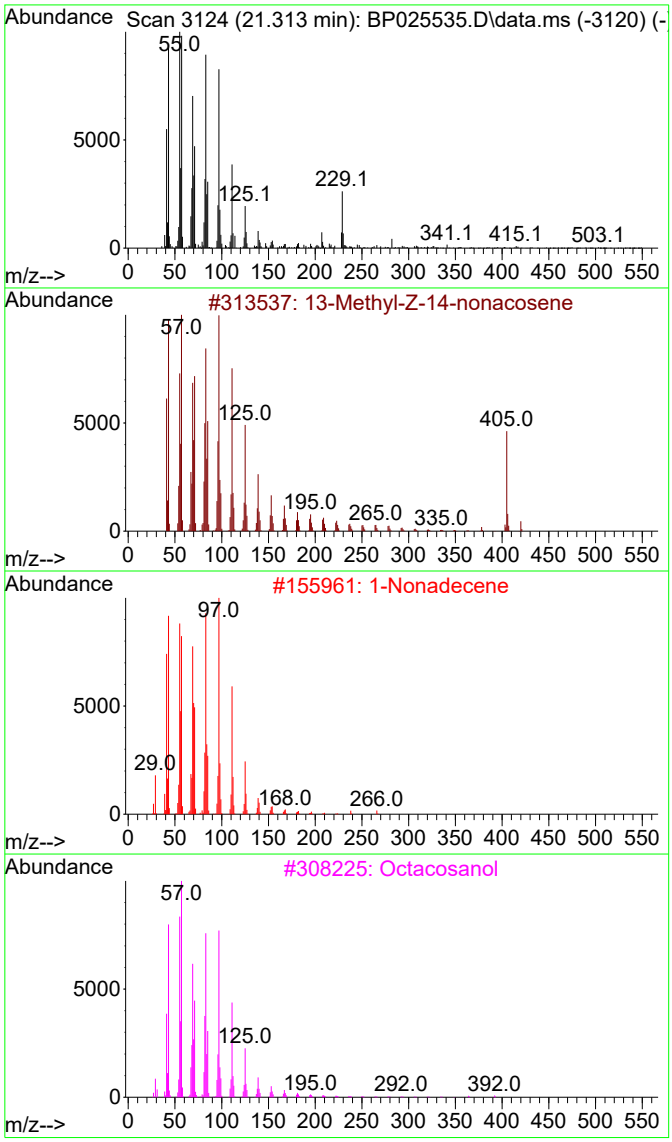
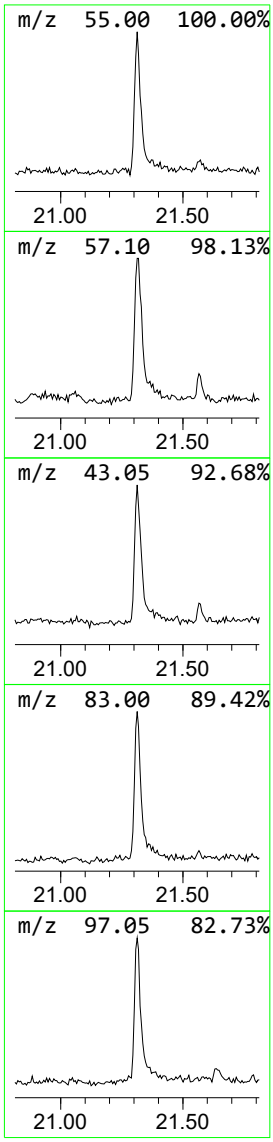
Peak Number 6 13-Methyl-Z-14-nonacosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.313	2.50 ng	384124	Chrysene-d12	21.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Methyl-Z-14-nonacosene	420	C30H60	1010131-19-0	95
2	1-Nonadecene	266	C19H38	018435-45-5	94
3	Octacosanol	410	C28H58O	000557-61-9	93
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93





Tentatively Identified Compound (LSC) summary

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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	25.5	ng	1242970	1	7.784	974604	20.0
2-Pentanone, 4-...	4.943	4.3	ng	209596	1	7.784	974604	20.0
Benzophenone	15.778	7.3	ng	598224	3	14.395	1646200	20.0
n-Hexadecanoic ...	18.131	8.0	ng	807320	4	17.201	2030460	20.0
Octadecanoic acid	19.466	2.5	ng	389375	5	21.642	3077630	20.0
13-Methyl-Z-14-...	21.313	2.5	ng	384124	5	21.642	3077630	20.0