

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
 Data File : BP025484.D
 Acq On : 19 Aug 2025 20:21
 Operator : CG/JU
 Sample : Q2815-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-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: BP025484.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.043	13	18	40	rVB	2865259	3994236	54.55%	8.642%
2	4.949	336	342	352	rVB	296309	427358	5.84%	0.925%
3	5.408	413	420	432	rBV	1745632	2553970	34.88%	5.526%
4	6.967	677	685	701	rBV	1375201	2282300	31.17%	4.938%
5	7.790	818	825	833	rBV	645108	1014977	13.86%	2.196%
6	8.925	1010	1018	1038	rBV	1279817	2163482	29.55%	4.681%
7	10.055	1203	1210	1219	rBV	51900	95513	1.30%	0.207%
8	10.560	1286	1296	1309	rBV	800139	1402911	19.16%	3.035%
9	13.019	1704	1714	1727	rBV	3174525	4944206	67.53%	10.697%
10	14.401	1938	1949	1960	rBV	1306927	1947670	26.60%	4.214%
11	15.778	2176	2183	2190	rBV	564010	781784	10.68%	1.691%
12	15.907	2198	2205	2214	rBV	2987710	4233851	57.83%	9.160%
13	17.184	2416	2422	2432	rBV2	1638810	2373082	32.41%	5.134%
14	18.137	2578	2584	2592	rBV	780006	1136396	15.52%	2.459%
15	19.307	2779	2783	2785	rBV	100032	138566	1.89%	0.300%
16	19.366	2790	2793	2802	rVB2	116478	178443	2.44%	0.386%
17	19.460	2805	2809	2819	rBV	265901	407234	5.56%	0.881%
18	19.619	2832	2836	2840	rBV	211746	265364	3.62%	0.574%
19	19.736	2853	2856	2862	rVB	106704	127121	1.74%	0.275%
20	19.913	2881	2886	2893	rBV	4801757	7321714	100.00%	15.841%
21	20.260	2942	2945	2950	rVB	109016	132595	1.81%	0.287%
22	20.495	2982	2985	2989	rVB2	72295	78028	1.07%	0.169%
23	20.713	3019	3022	3026	rBV	177955	174742	2.39%	0.378%
24	20.778	3030	3033	3037	rVB	210288	223151	3.05%	0.483%
25	20.966	3062	3065	3072	rVB4	65324	77314	1.06%	0.167%
26	21.307	3118	3123	3132	rBV2	594479	1097366	14.99%	2.374%
27	21.625	3171	3177	3185	rBV	1648350	2707508	36.98%	5.858%
28	21.895	3219	3223	3233	rVB	238300	358220	4.89%	0.775%
29	22.554	3329	3335	3343	rVB4	206892	442798	6.05%	0.958%
30	23.295	3458	3461	3471	rVB2	150422	277767	3.79%	0.601%
31	24.995	3741	3750	3764	rVB	1068873	2861576	39.08%	6.191%

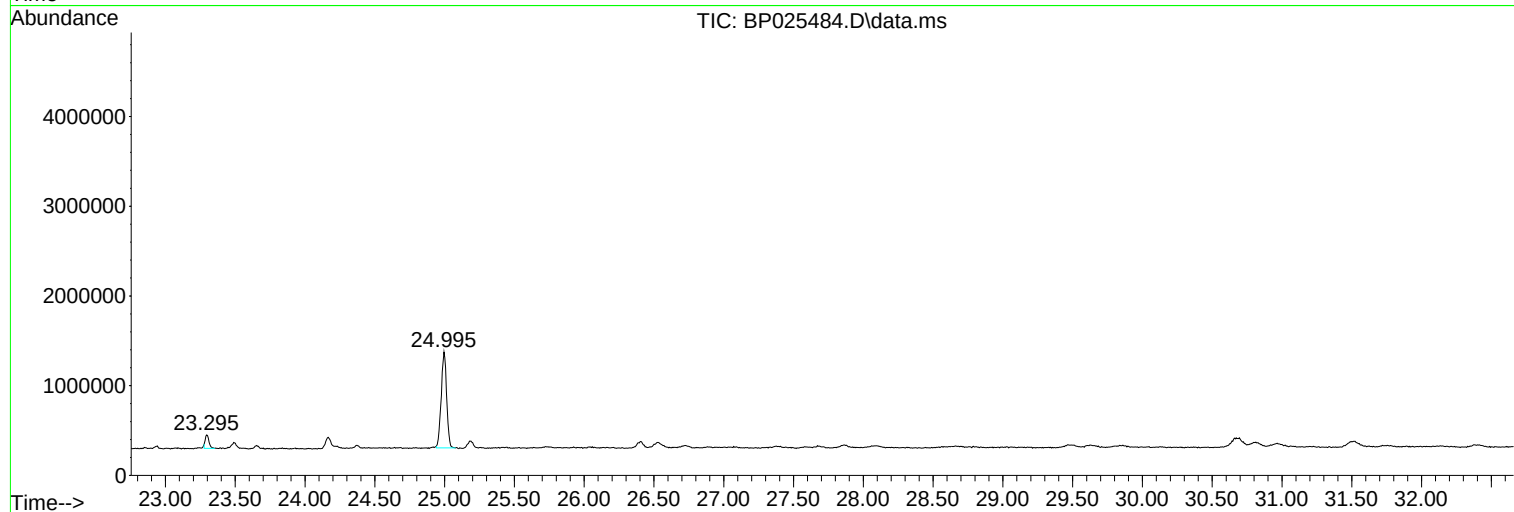
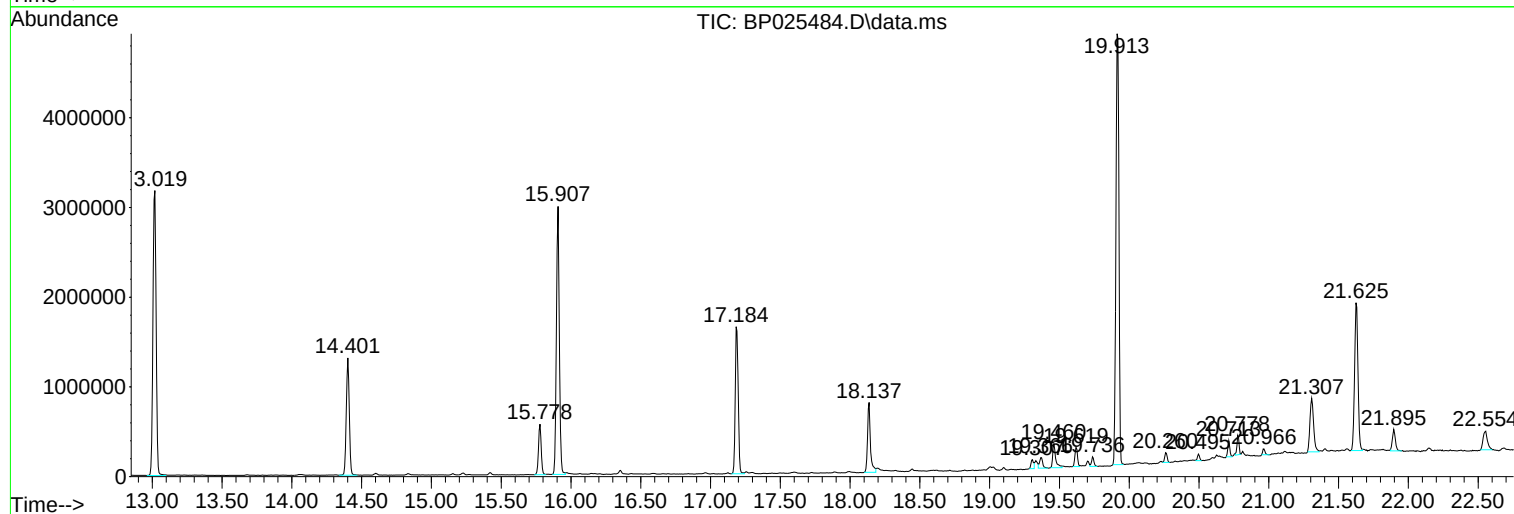
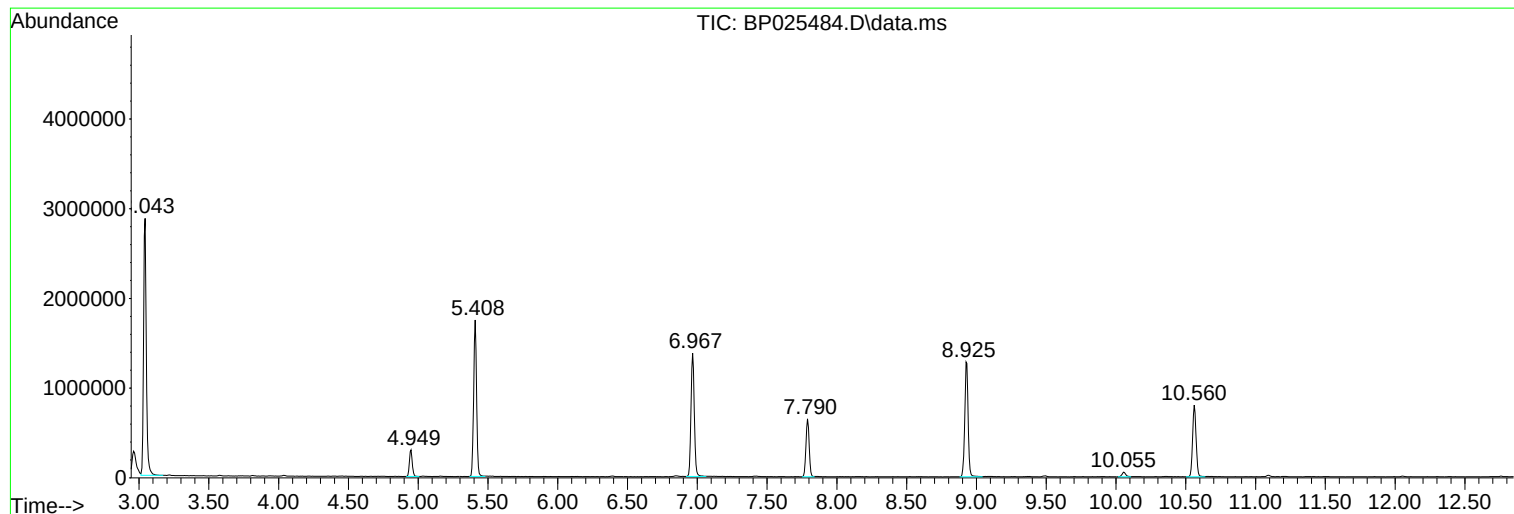
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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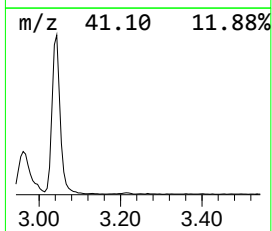
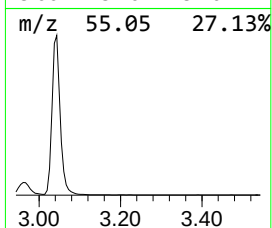
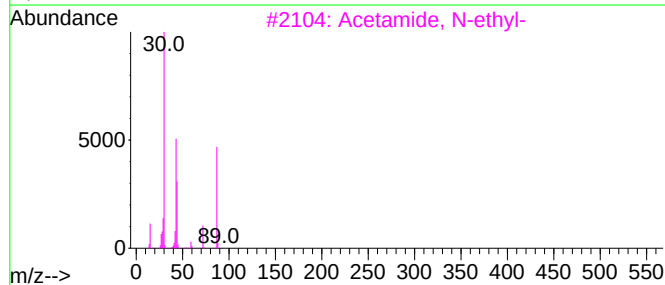
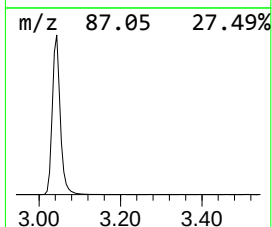
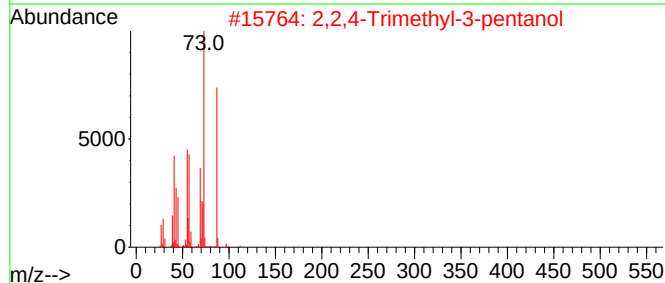
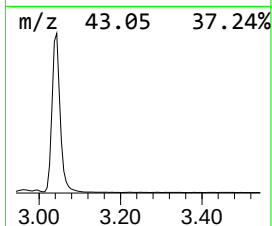
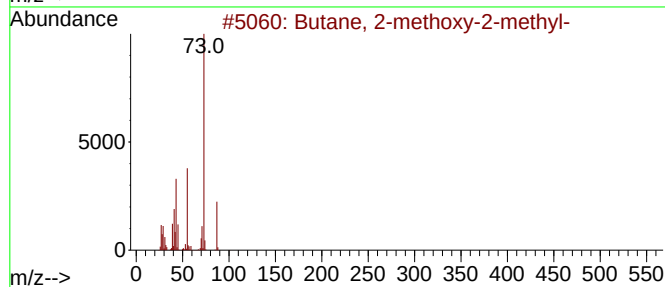
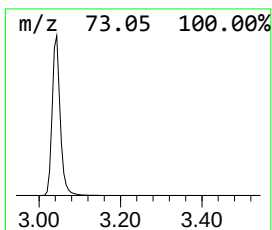
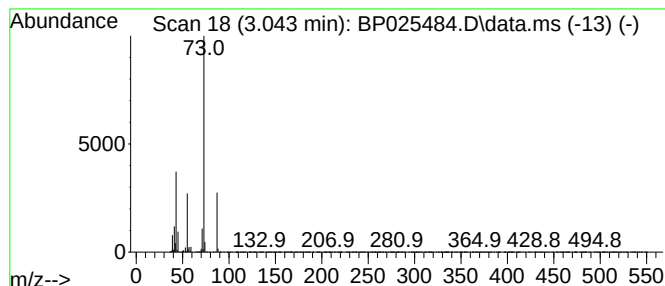
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.043	78.71 ng	3994240	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			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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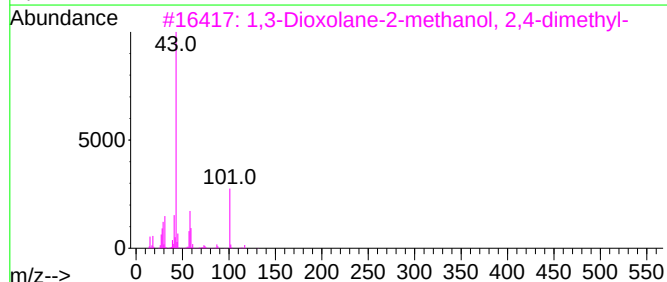
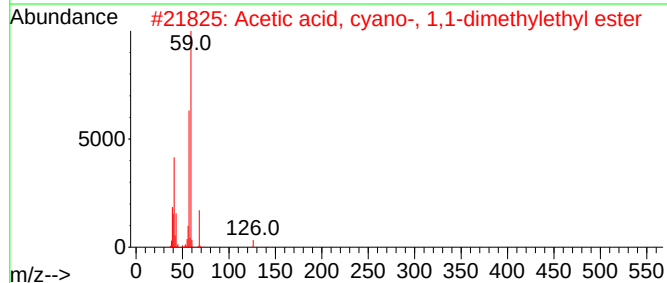
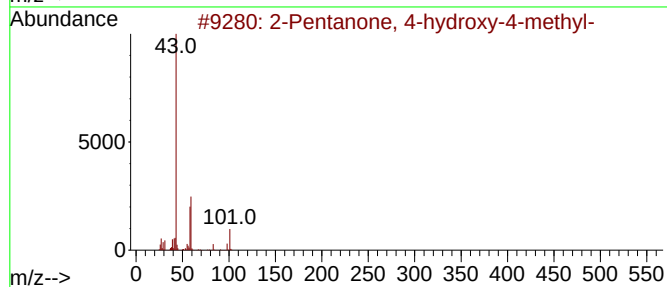
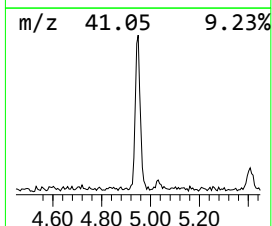
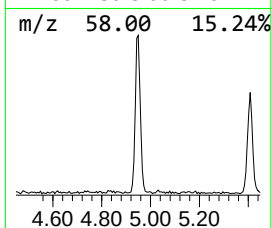
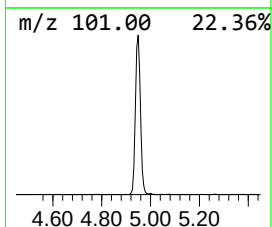
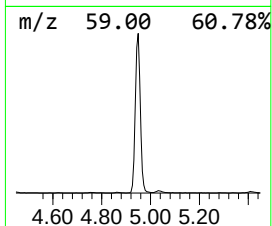
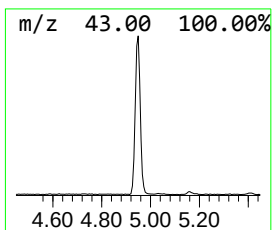
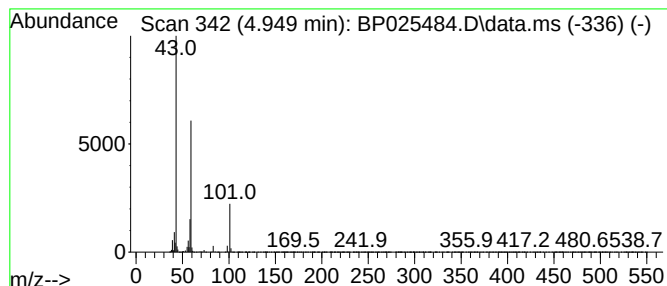
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.949	8.42 ng	427358	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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3			1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
4			4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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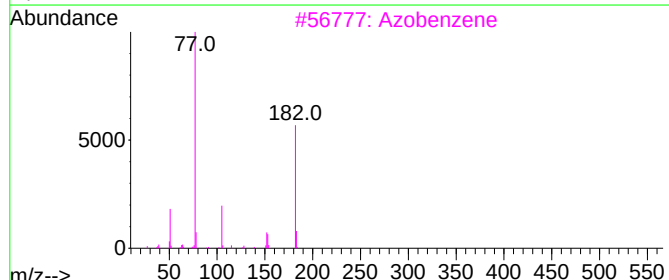
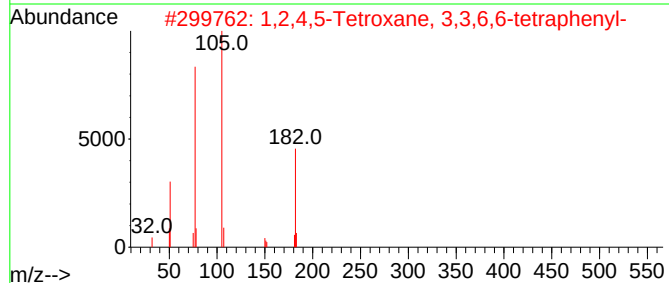
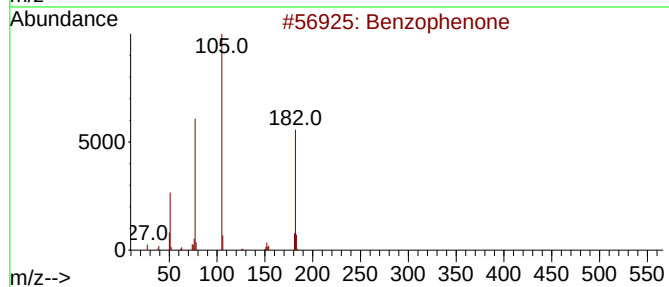
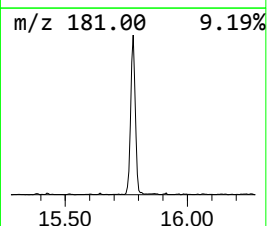
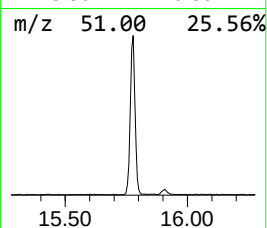
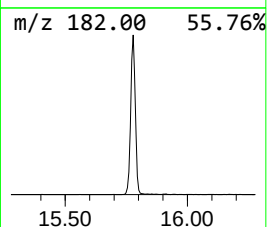
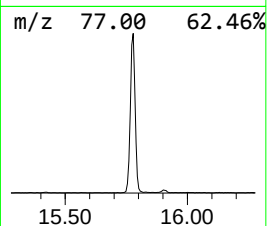
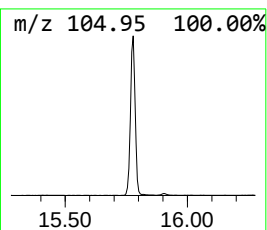
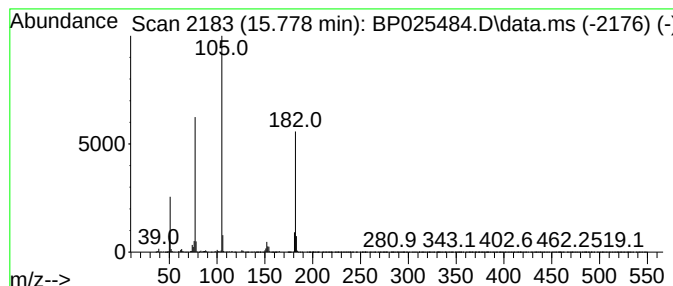
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.778	8.03 ng	781784	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	78
3			Azobenzene	182	C12H10N2	000103-33-3	64
4			1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	45
5			Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42



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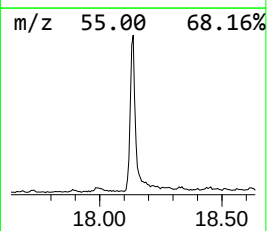
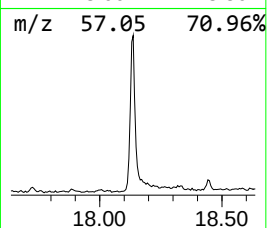
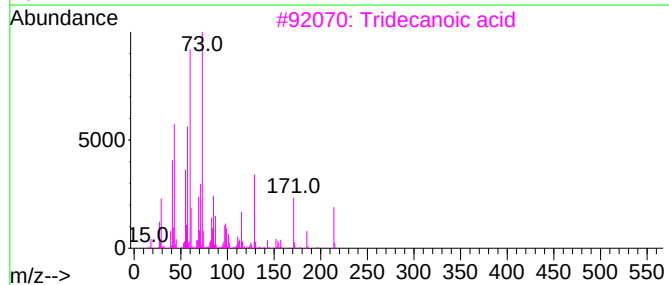
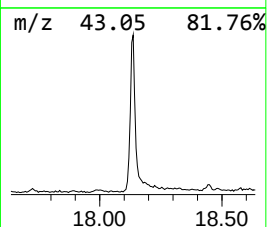
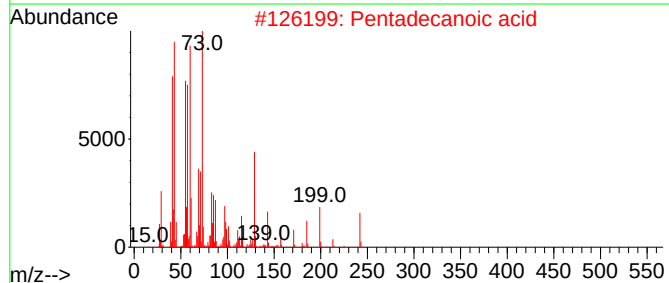
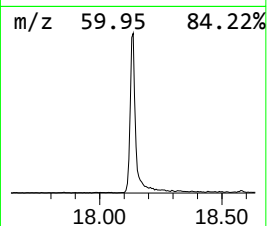
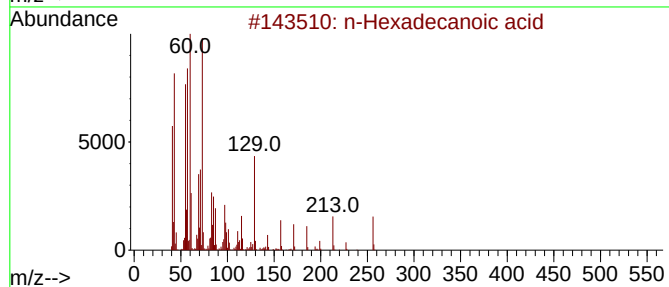
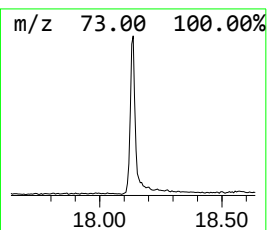
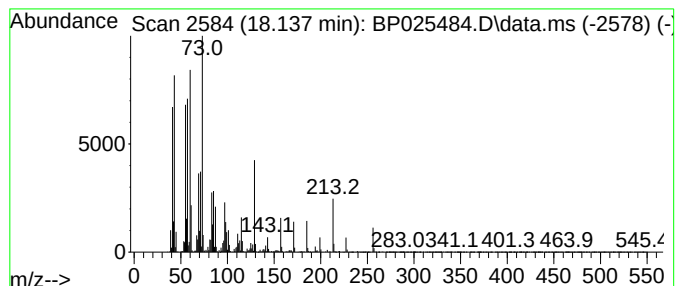
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.137	9.58 ng	1136400	Phenanthrene-d10	17.184

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3			Tridecanoic acid	214	C13H26O2	000638-53-9	91
4			Undecanoic acid	186	C11H22O2	000112-37-8	81
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	76



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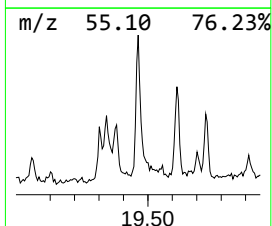
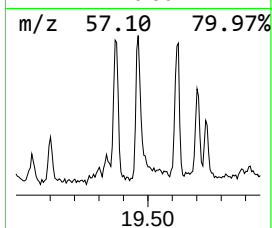
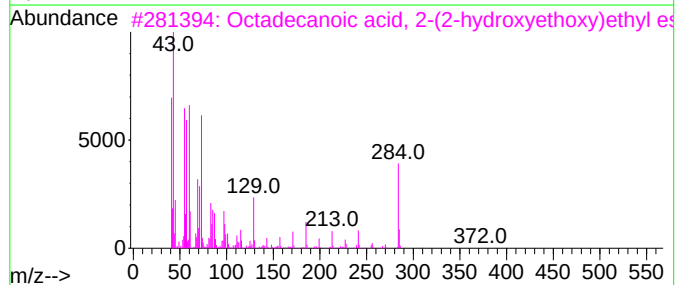
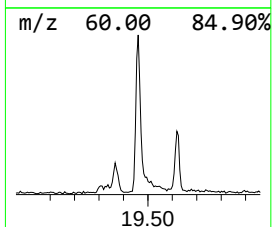
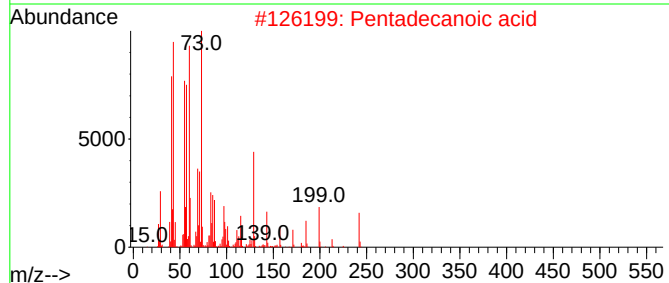
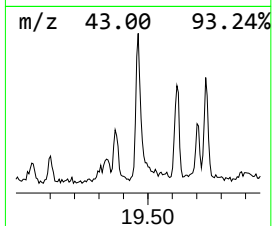
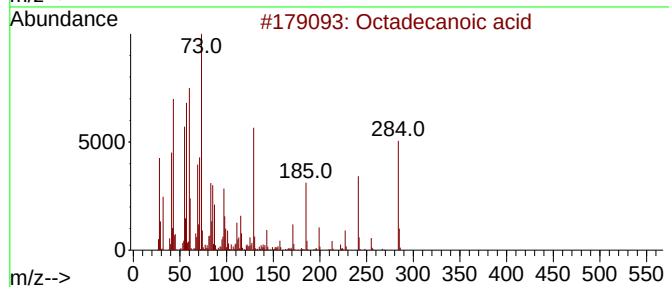
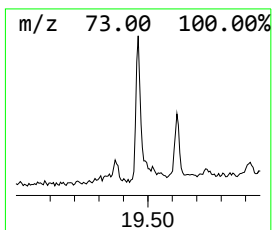
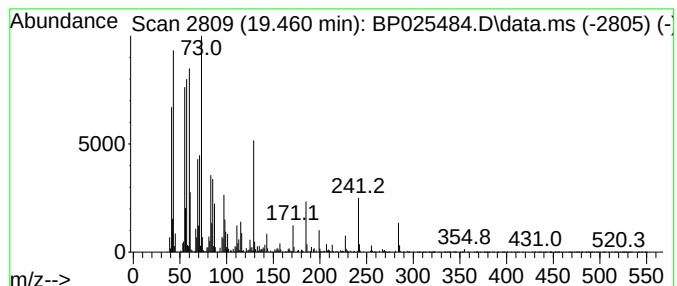
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Peak Number 5 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.460	3.01 ng	407234	Chrysene-d12	21.625

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83



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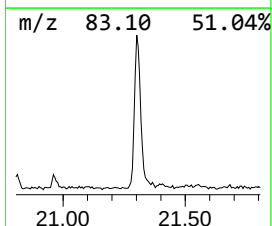
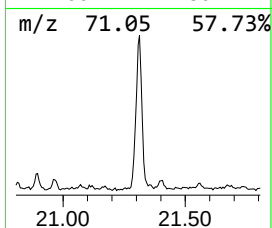
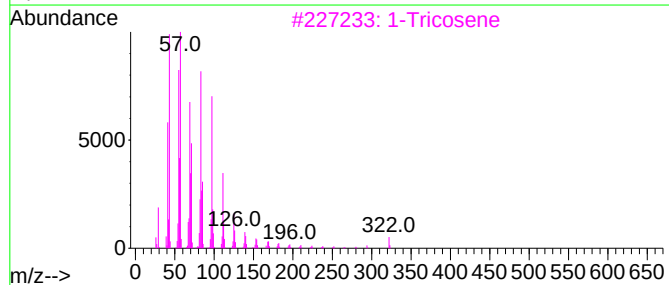
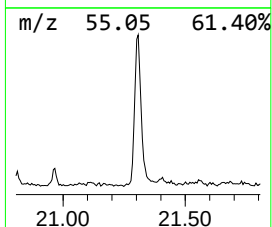
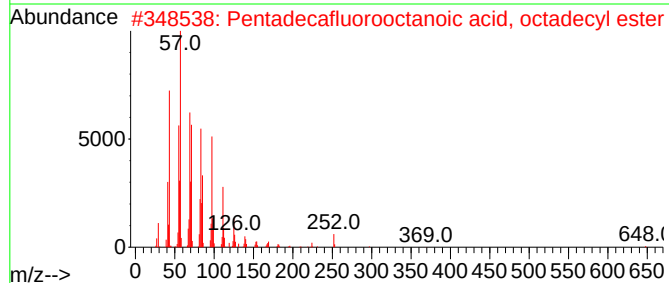
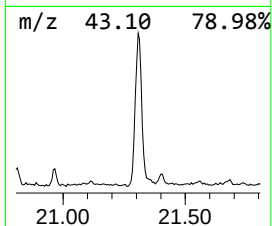
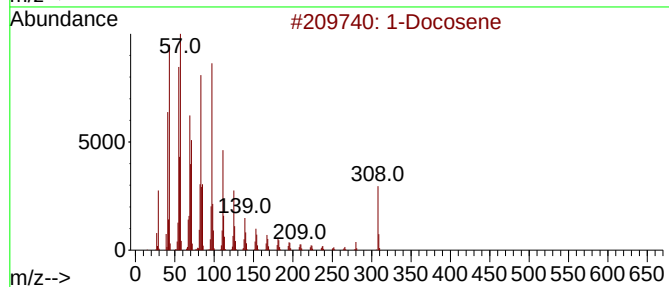
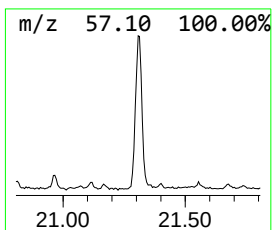
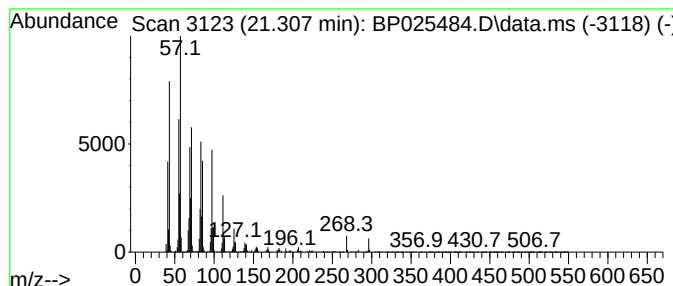
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.307	8.11 ng	1097370	Chrysene-d12	21.625

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene			308	C22H44	001599-67-3	92
2	Pentadecafluorooctanoic acid, oc...			666	C26H37F15O2	1000406-04-8	91
3	1-Tricosene			322	C23H46	018835-32-0	91
4	1-Decanol, 2-hexyl-			242	C16H34O	002425-77-6	89
5	Tricosyl trifluoroacetate			436	C25H47F3O2	1000351-75-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025484.D
Acq On : 19 Aug 2025 20:21
Operator : CG/JU
Sample : Q2815-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-22M-N

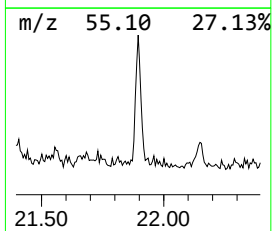
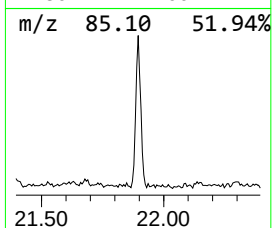
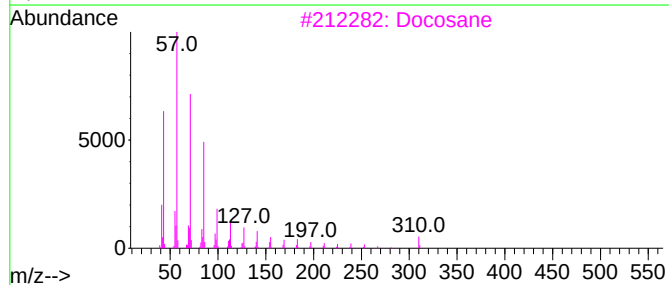
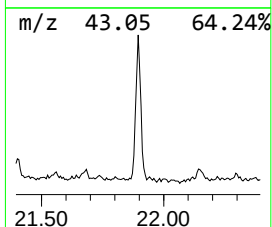
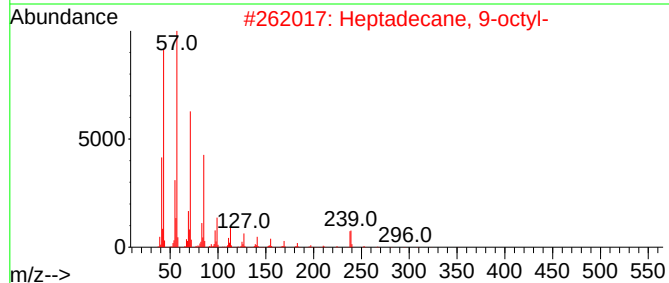
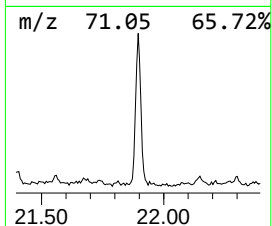
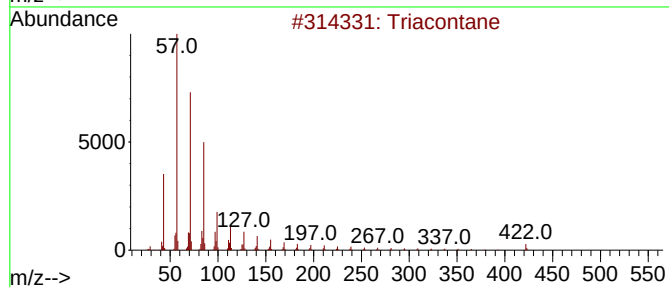
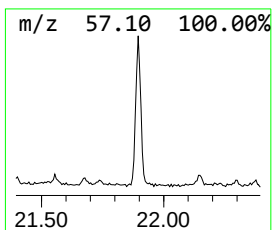
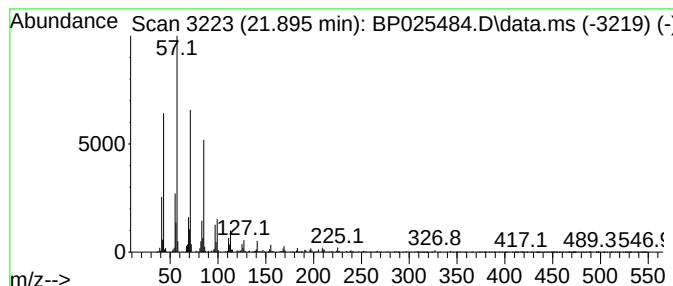
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Triacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.895	2.65 ng	358220	Chrysene-d12	21.625

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontane	422	C30H62	000638-68-6	97
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3			Docosane	310	C22H46	000629-97-0	93
4			Hexacosane	366	C26H54	000630-01-3	93
5			Docosane, 11-butyl-	366	C26H54	013475-76-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025484.D
Acq On : 19 Aug 2025 20:21
Operator : CG/JU
Sample : Q2815-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-22M-N

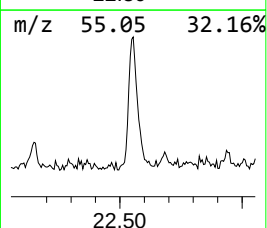
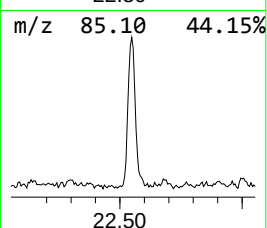
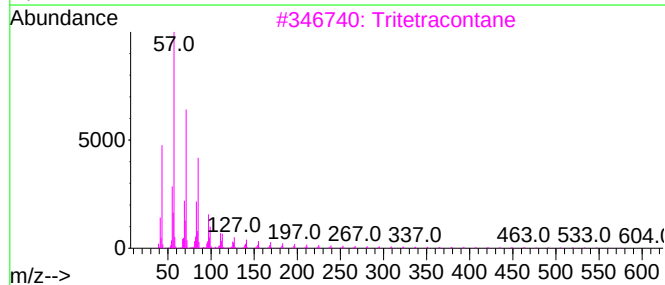
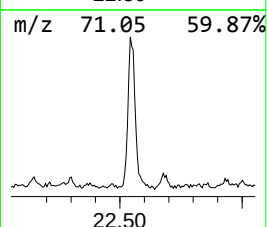
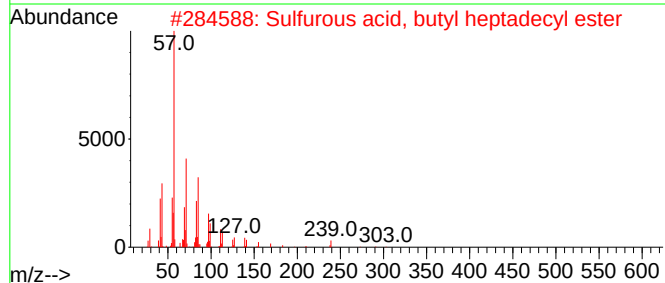
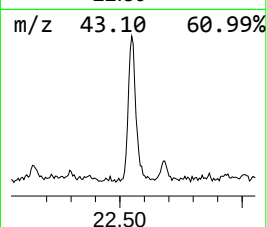
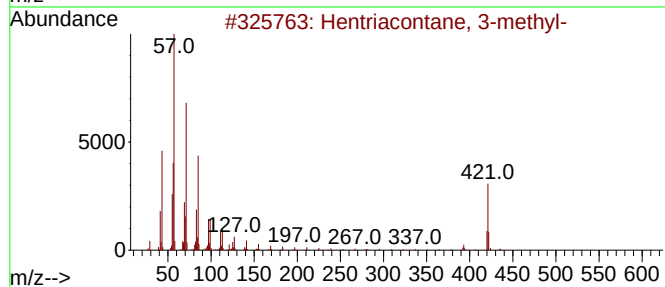
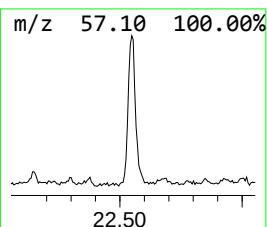
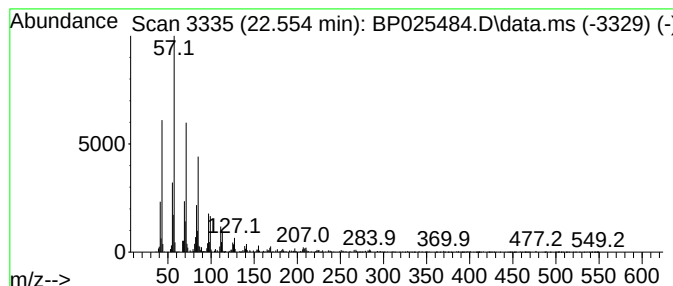
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hentriacontane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.554	3.27 ng	442798	Chrysene-d12	21.625

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane, 3-methyl-	451	C32H66	004981-99-1	94
2			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	91
3			Tritetracontane	605	C43H88	007098-21-7	91
4			Tetratriacontane, 17-hexadecyl-	703	C50H102	055256-07-0	91
5			Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025484.D
Acq On : 19 Aug 2025 20:21
Operator : CG/JU
Sample : Q2815-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-22M-N

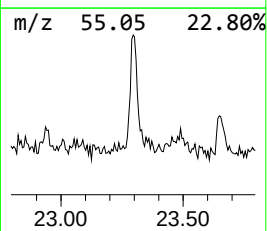
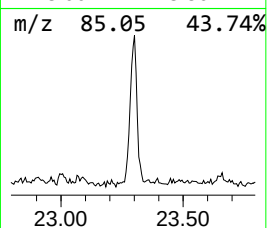
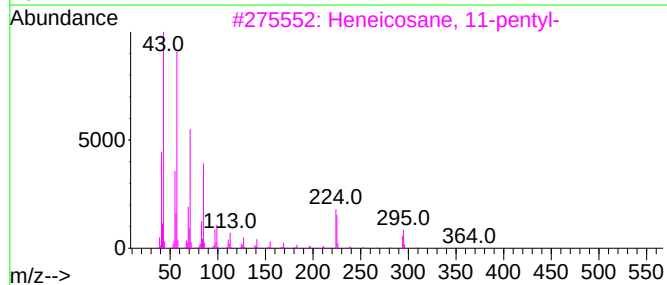
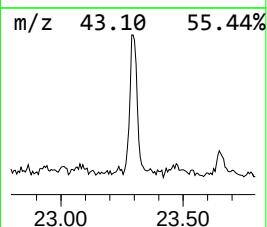
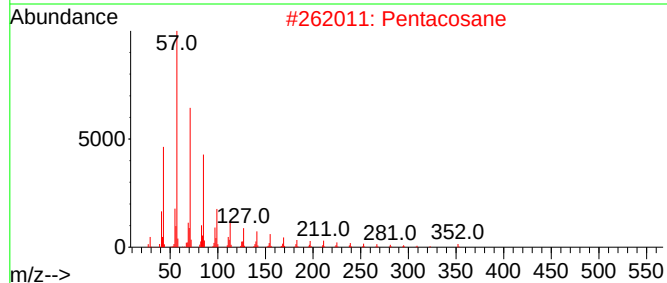
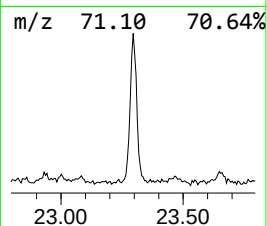
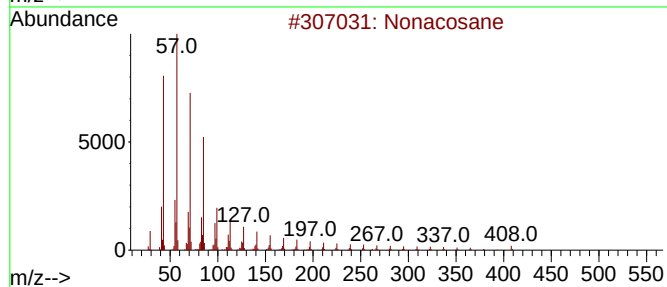
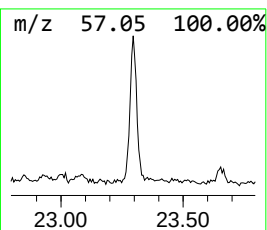
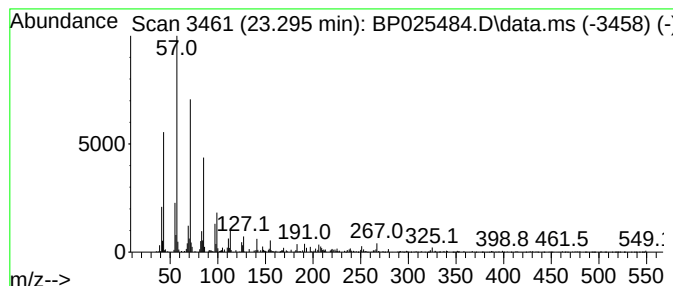
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.295	2.05 ng	277767	Chrysene-d12	21.625

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonacosane	408	C29H60	000630-03-5	90
2			Pentacosane	352	C25H52	000629-99-2	90
3			Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	90
4			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5			2-Methylheptacosane	394	C28H58	001561-00-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025484.D
Acq On : 19 Aug 2025 20:21
Operator : CG/JU
Sample : Q2815-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.043	78.7	ng	3994240	1	7.790	1014980	20.0
2-Pentanone, 4-...	4.949	8.4	ng	427358	1	7.790	1014980	20.0
Benzophenone	15.778	8.0	ng	781784	3	14.401	1947670	20.0
n-Hexadecanoic ...	18.137	9.6	ng	1136400	4	17.184	2373080	20.0
Octadecanoic acid	19.460	3.0	ng	407234	5	21.625	2707510	20.0
1-Docosene	21.307	8.1	ng	1097370	5	21.625	2707510	20.0
triacontane	21.895	2.6	ng	358220	5	21.625	2707510	20.0
Hentriacontane,...	22.554	3.3	ng	442798	5	21.625	2707510	20.0
Nonacosane	23.295	2.0	ng	277767	5	21.625	2707510	20.0