

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
 Data File : BP025501.D
 Acq On : 20 Aug 2025 09:19
 Operator : CG/JU
 Sample : Q2820-13
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 10P-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: BP025501.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	31	rVB	951799	1288246	18.06%	3.081%
2	4.949	336	342	351	rVB	183848	260834	3.66%	0.624%
3	5.408	413	420	428	rBV	1857067	2767164	38.80%	6.618%
4	6.966	677	685	701	rBV	1830453	2953923	41.42%	7.064%
5	7.784	817	824	832	rBV	526268	843116	11.82%	2.016%
6	8.925	1010	1018	1029	rBV	1116037	1961296	27.50%	4.690%
7	10.554	1287	1295	1304	rBV	683198	1153924	16.18%	2.760%
8	13.019	1706	1714	1727	rBV	3420130	4593954	64.41%	10.986%
9	14.401	1942	1949	1964	rBV	1114732	1667493	23.38%	3.988%
10	15.778	2177	2183	2191	rBV	516069	739388	10.37%	1.768%
11	15.907	2199	2205	2228	rBV	2672379	3884546	54.46%	9.290%
12	17.201	2418	2425	2435	rBV2	1385731	2000285	28.04%	4.784%
13	18.142	2579	2585	2602	rBV	465566	747154	10.48%	1.787%
14	19.383	2791	2796	2801	rVB	339501	432161	6.06%	1.033%
15	19.466	2806	2810	2819	rBV	174895	279208	3.91%	0.668%
16	19.630	2833	2838	2843	rBV	724102	840914	11.79%	2.011%
17	19.748	2855	2858	2864	rVB	114459	139081	1.95%	0.333%
18	19.924	2882	2888	2894	rBV	5412079	7132474	100.00%	17.057%
19	20.272	2944	2947	2951	rVB	94879	91811	1.29%	0.220%
20	20.513	2983	2988	2992	rBV	219124	284625	3.99%	0.681%
21	20.719	3018	3023	3028	rBV	538941	687395	9.64%	1.644%
22	20.789	3032	3035	3039	rVB	126569	146297	2.05%	0.350%
23	21.319	3120	3125	3135	rBV2	621975	999723	14.02%	2.391%
24	21.648	3175	3181	3187	rBV2	1444827	2348915	32.93%	5.617%
25	21.913	3222	3226	3233	rVB	180042	264182	3.70%	0.632%
26	22.577	3333	3339	3350	rVB3	258149	640866	8.99%	1.533%
27	23.307	3459	3463	3474	rVB	131102	264929	3.71%	0.634%
28	25.018	3745	3754	3769	rVB	820612	2401742	33.67%	5.744%

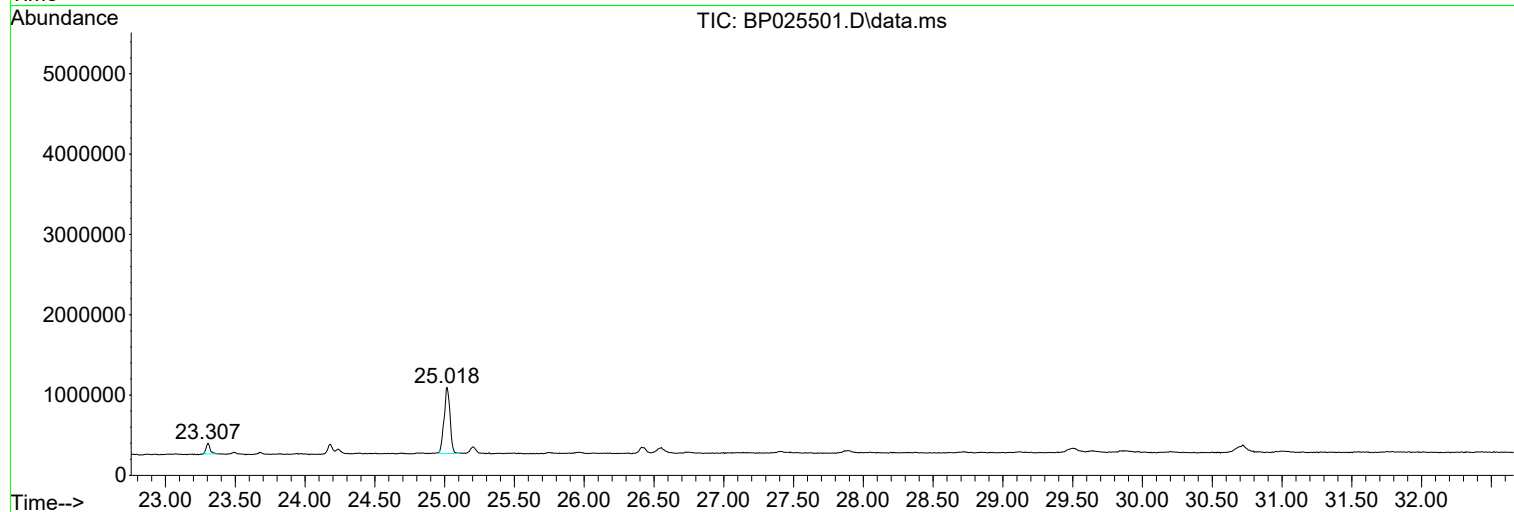
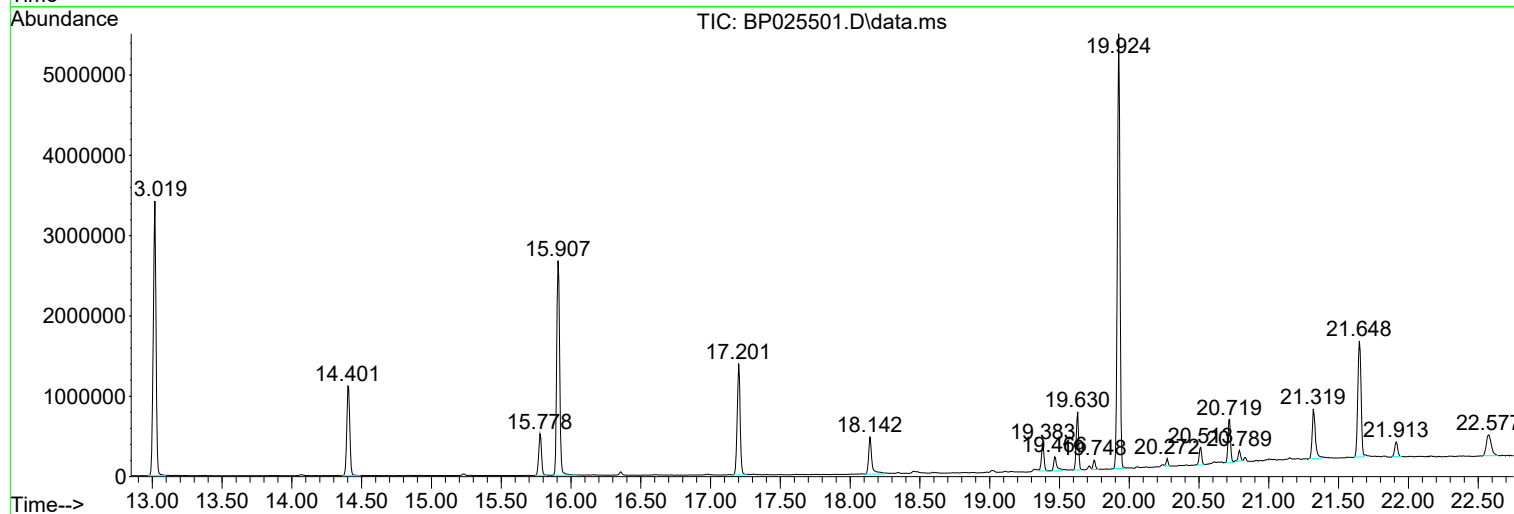
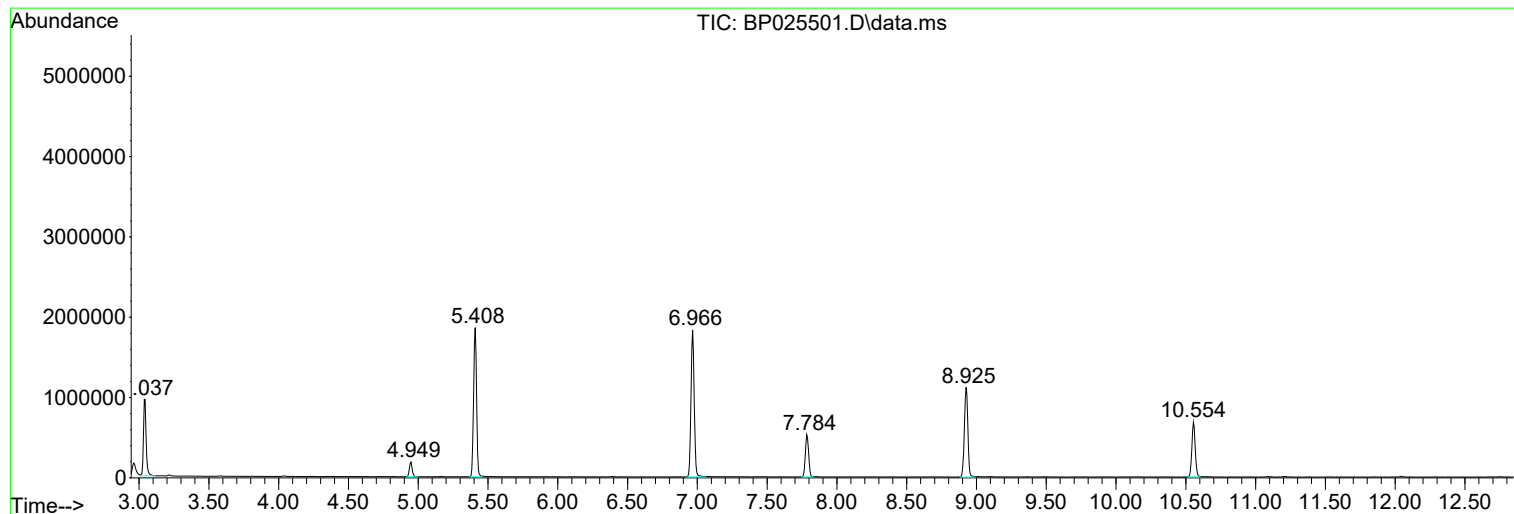
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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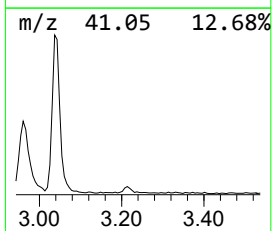
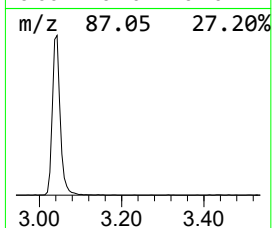
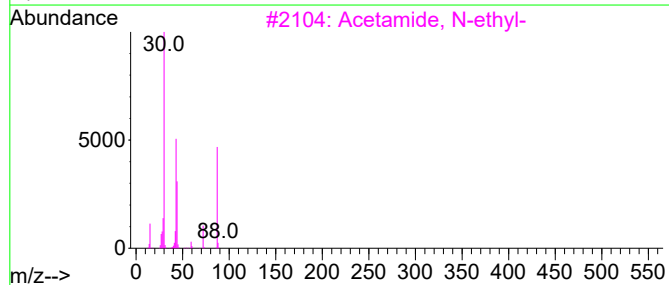
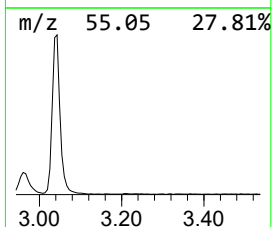
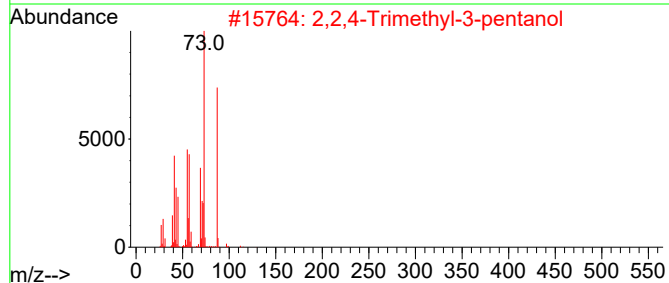
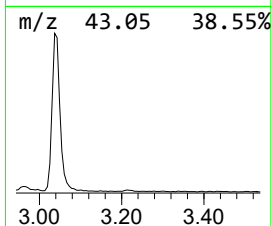
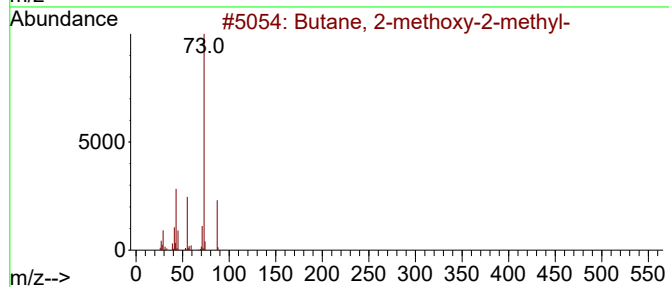
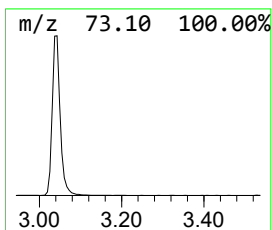
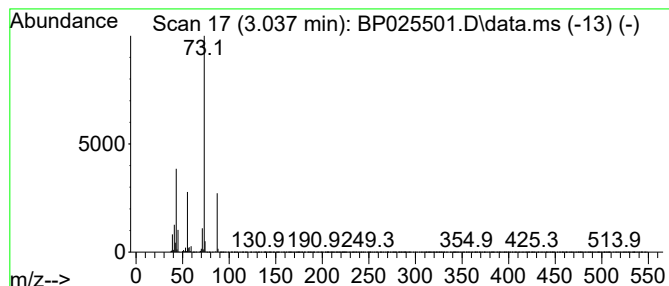
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
3.037	30.56 ng	1288250	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			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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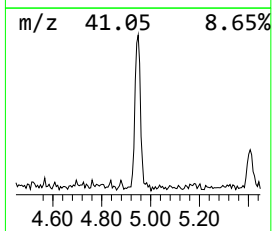
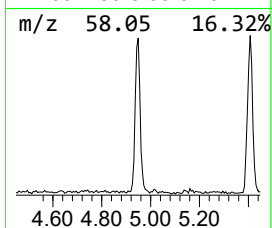
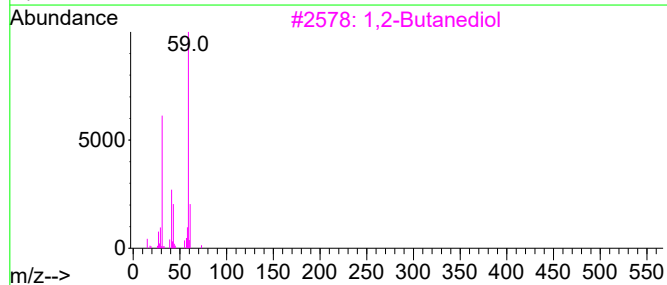
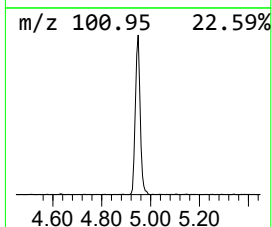
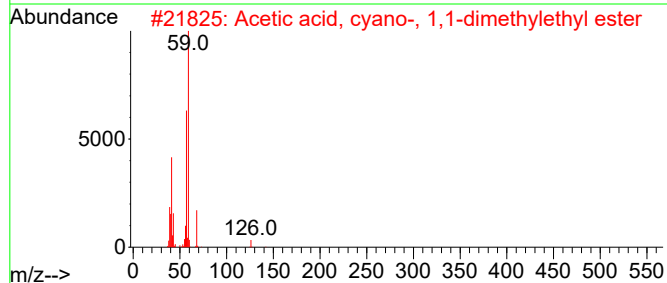
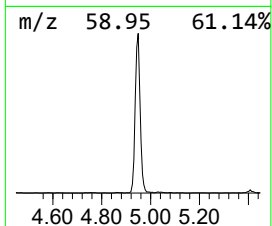
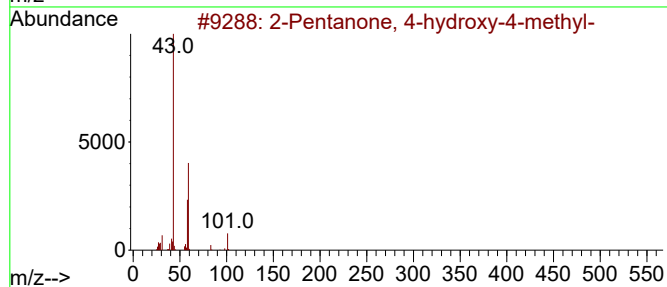
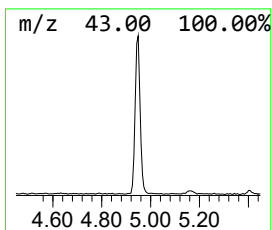
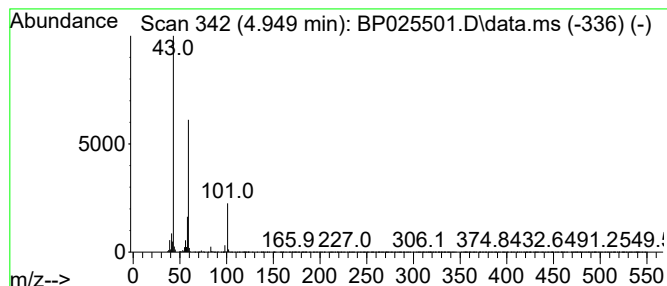
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.949	6.19 ng	260834	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	56
2			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3			1,2-Butanediol	90	C4H10O2	000584-03-2	17
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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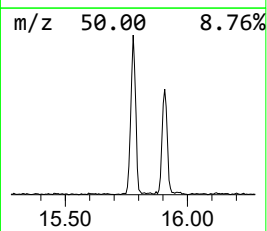
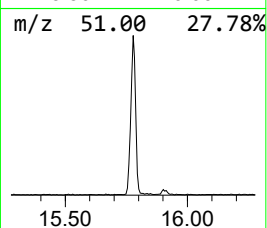
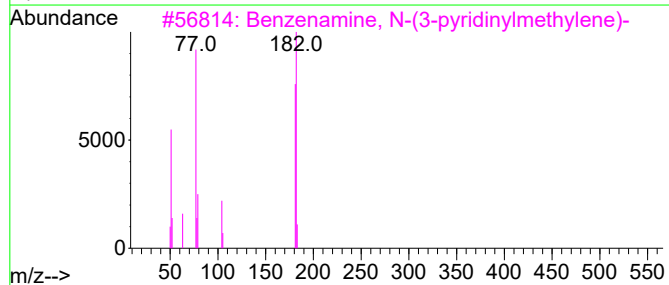
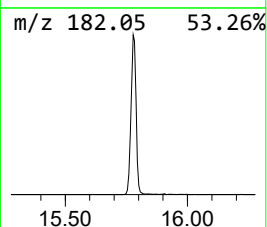
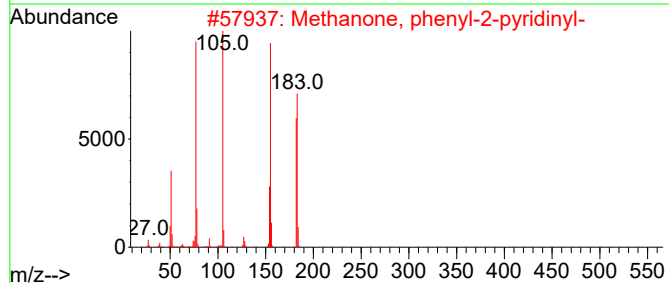
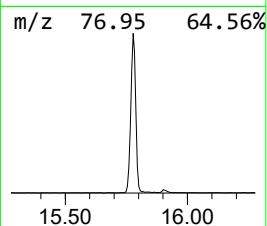
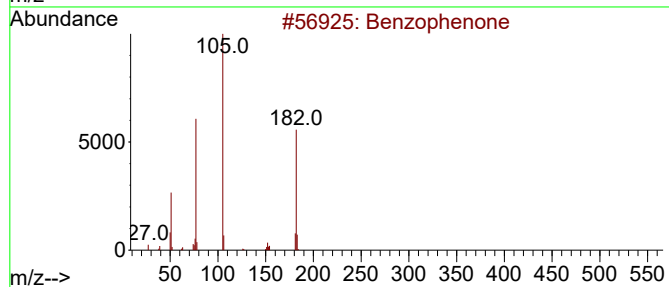
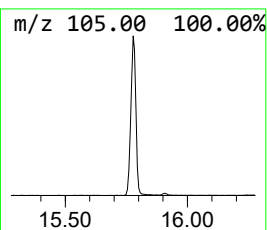
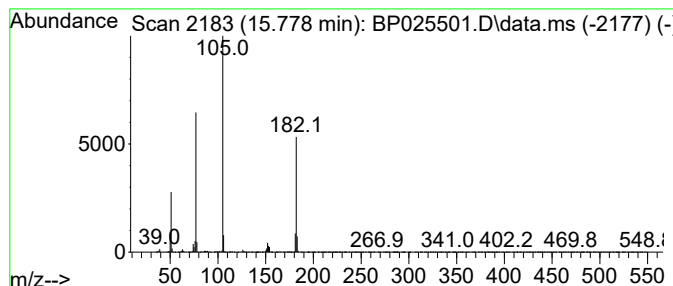
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.778	8.87 ng	739388	Acenaphthene-d10	14.407

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
3			Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45
4			Azobenzene	182	C12H10N2	000103-33-3	45
5			1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	45



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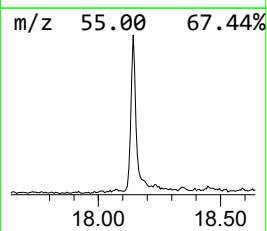
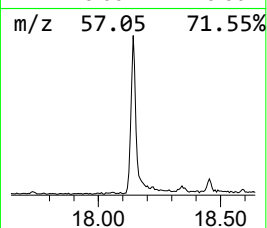
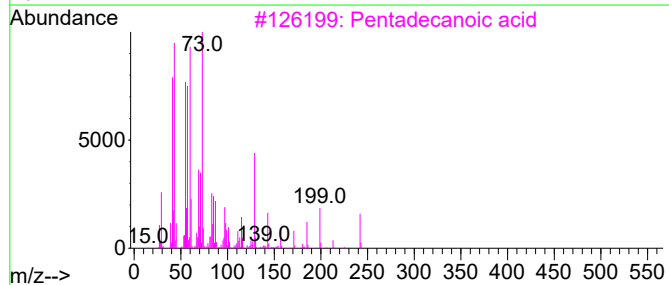
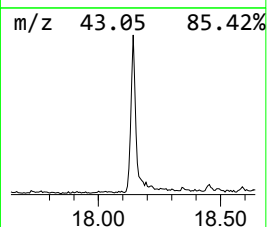
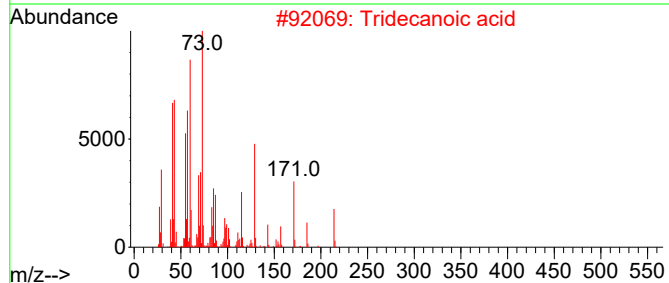
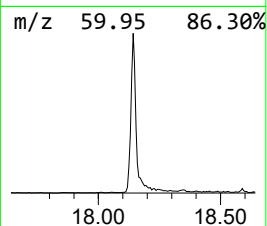
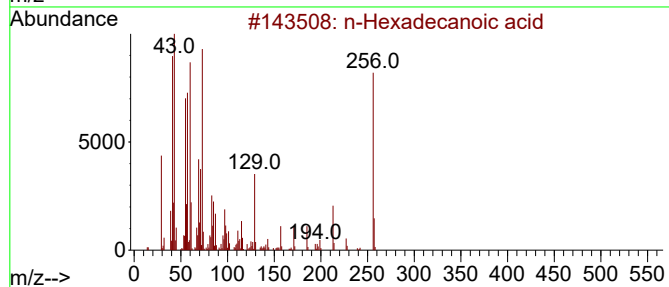
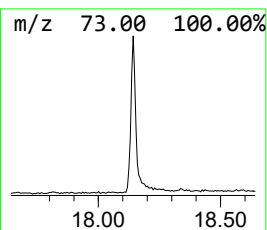
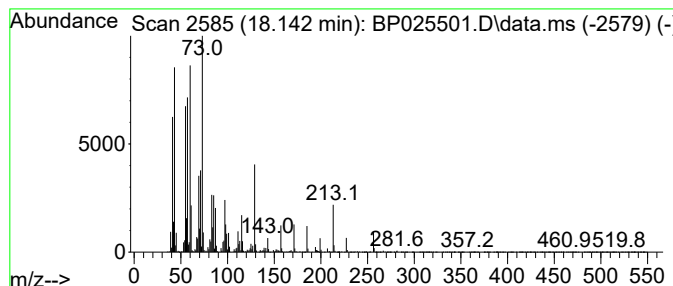
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.142	7.47 ng	747154	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	97
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5			n-Decanoic acid	172	C10H20O2	000334-48-5	64



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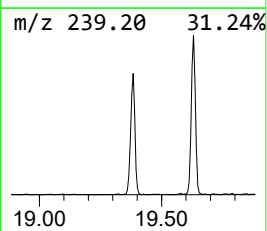
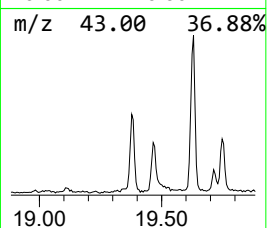
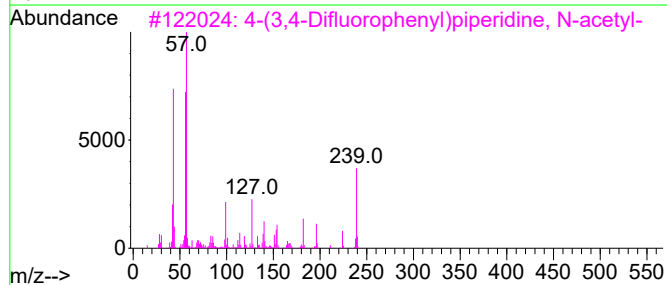
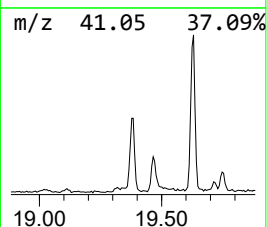
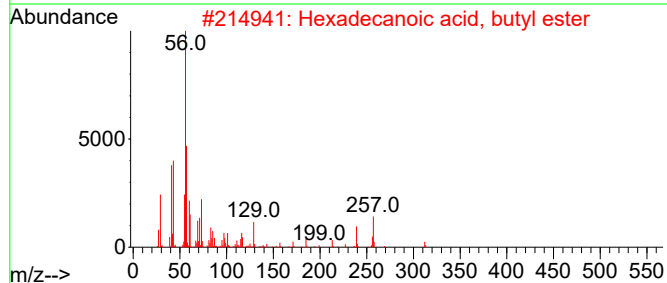
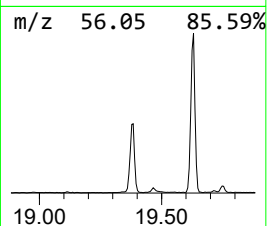
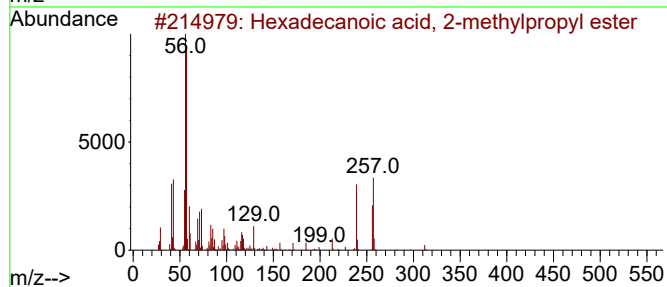
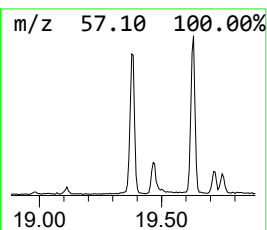
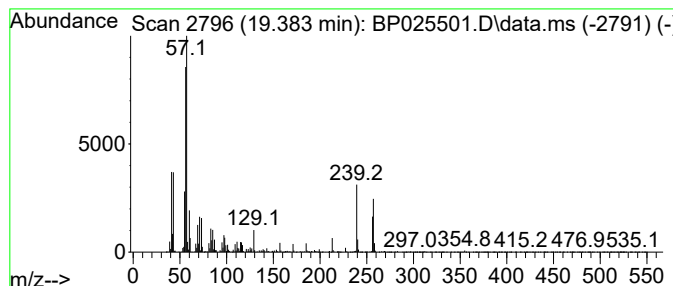
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Peak Number 5 Hexadecanoic acid, 2-methyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.383	4.32 ng	432161	Phenanthrene-d10	17.201

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	91
2			Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	64
3			4-(3,4-Difluorophenyl)piperidine...	239	C13H15F2NO	1000505-60-2	37
4			Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	35
5			Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	35



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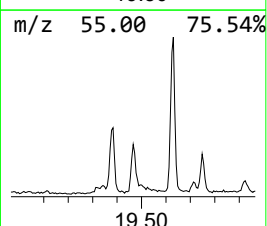
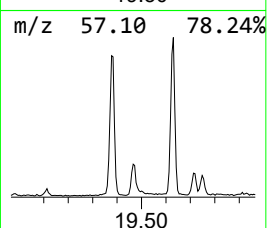
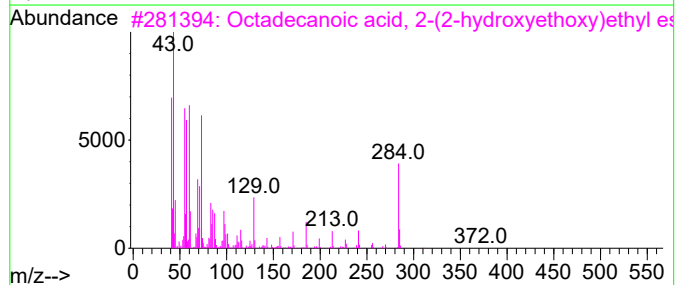
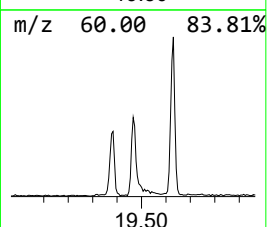
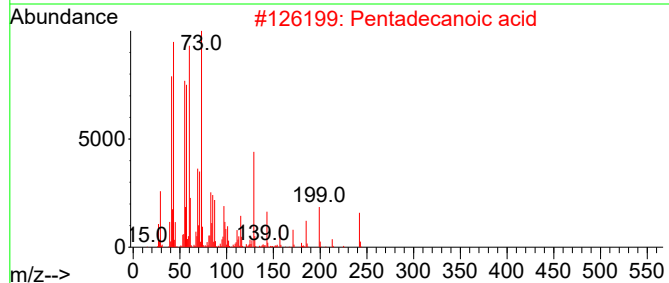
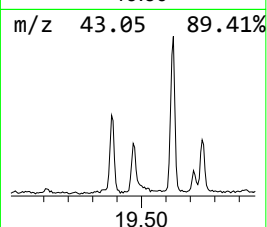
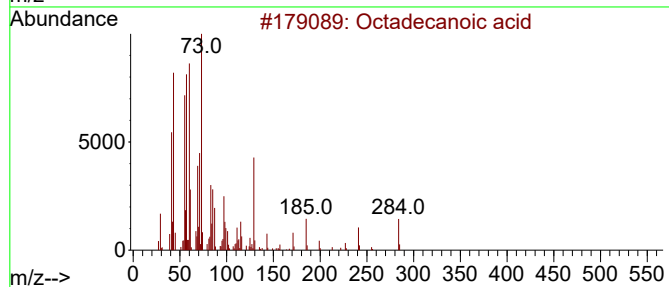
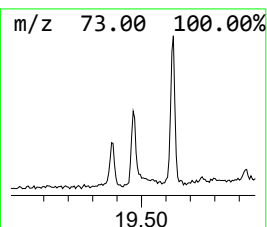
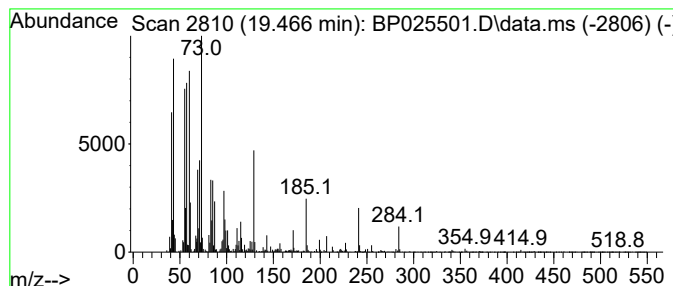
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.466	2.38 ng	279208	Chrysene-d12	21.648

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	91
3			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025501.D
Acq On : 20 Aug 2025 09:19
Operator : CG/JU
Sample : Q2820-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
10P-W

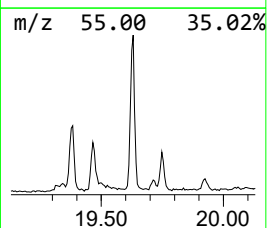
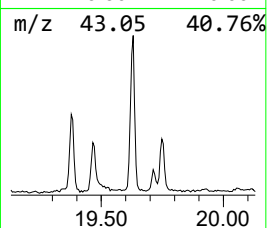
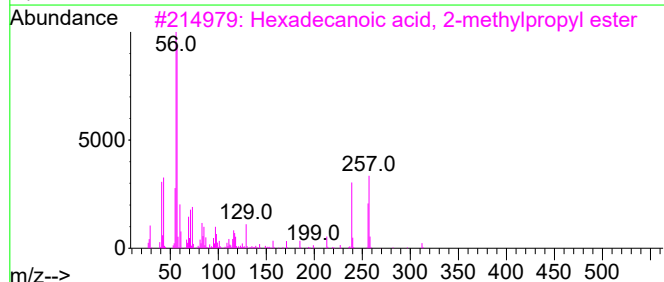
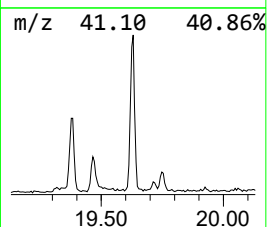
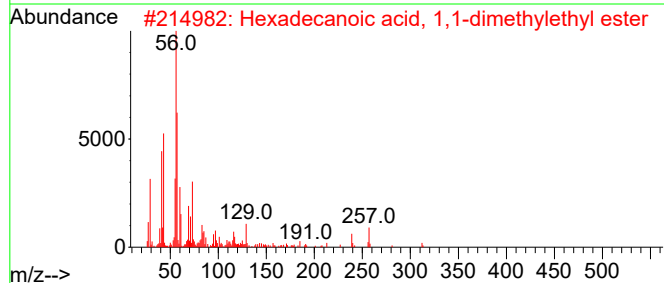
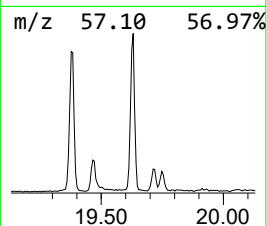
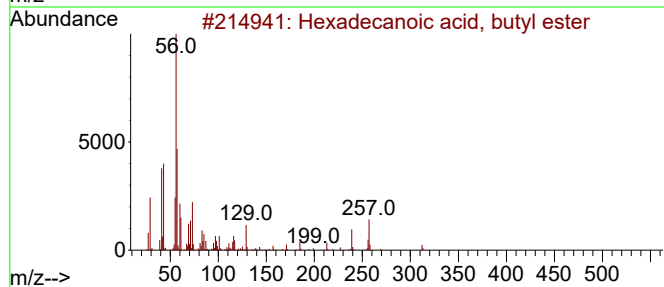
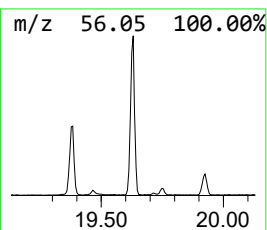
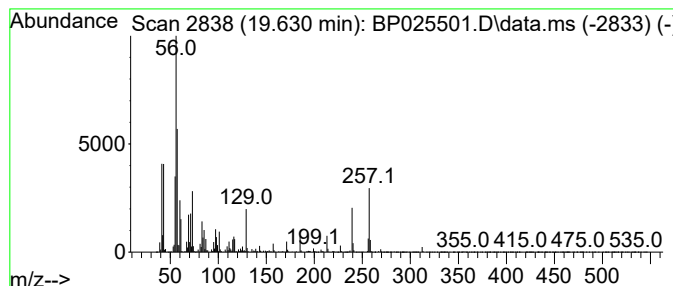
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.630	7.16 ng	840914	Chrysene-d12	21.648

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	98
2			Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	96
3			Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	90
4			Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	35
5			1-Heptene, 2-methyl-	112	C8H16	015870-10-7	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025501.D
Acq On : 20 Aug 2025 09:19
Operator : CG/JU
Sample : Q2820-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

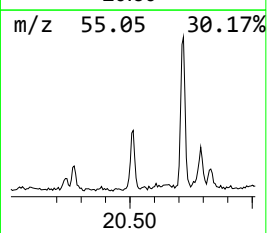
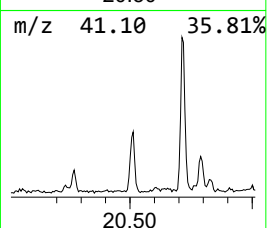
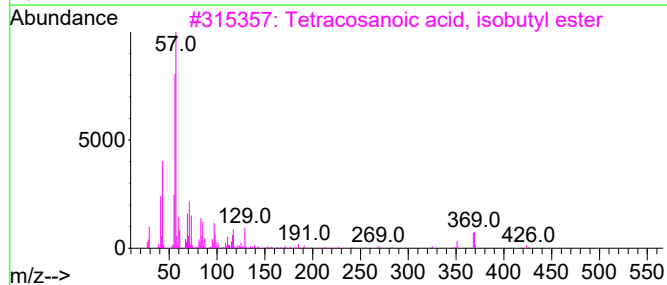
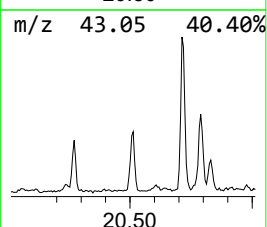
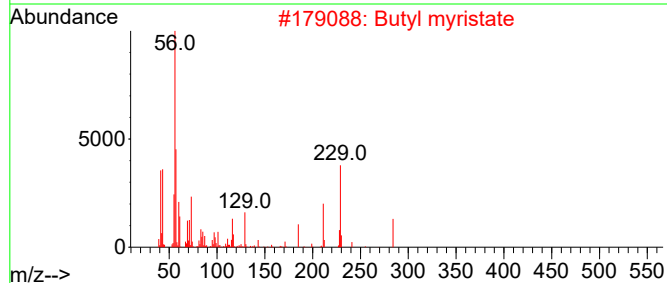
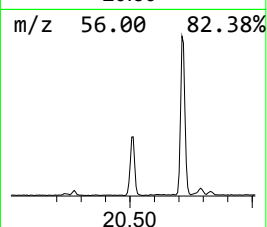
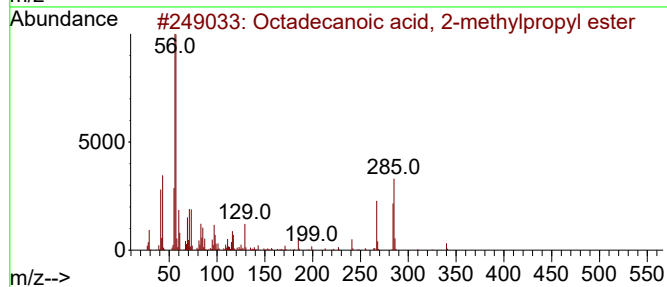
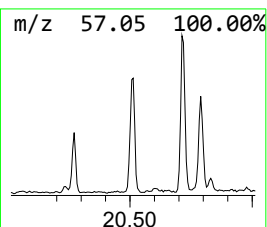
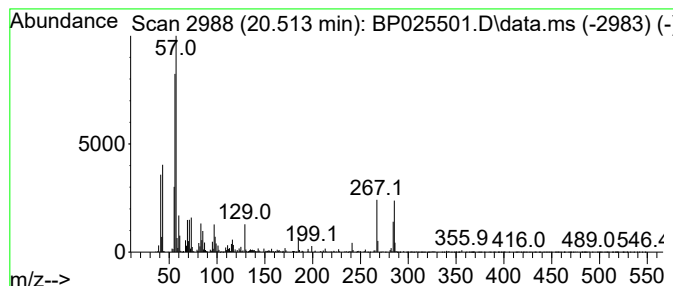
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanoic acid, 2-methyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.513	2.42 ng	284625	Chrysene-d12	21.648	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	90
2	Butyl myristate	284	C18H36O2	000110-36-1	53
3	Tetracosanoic acid, isobutyl ester	424	C28H56O2	1010405-17-3	52
4	2-(Piperazin-1-yl)-5,6,7,8-tetra...	267	C15H17N5	1000409-75-8	47
5	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025501.D
Acq On : 20 Aug 2025 09:19
Operator : CG/JU
Sample : Q2820-13
Misc :
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Instrument :
BNA_P
ClientSampleId :
10P-W

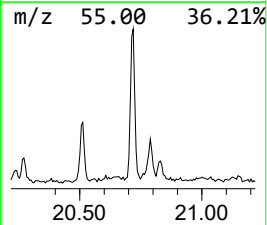
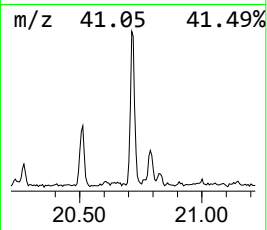
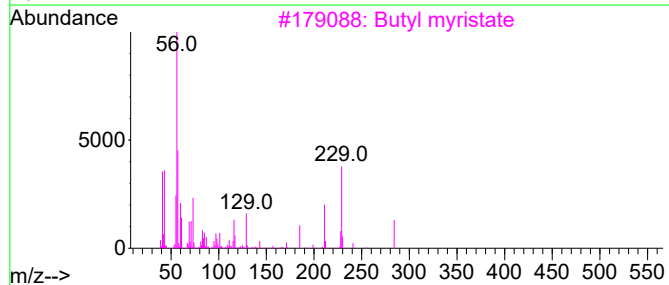
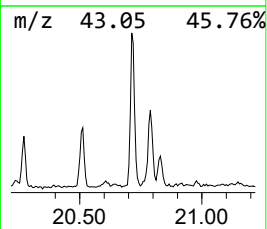
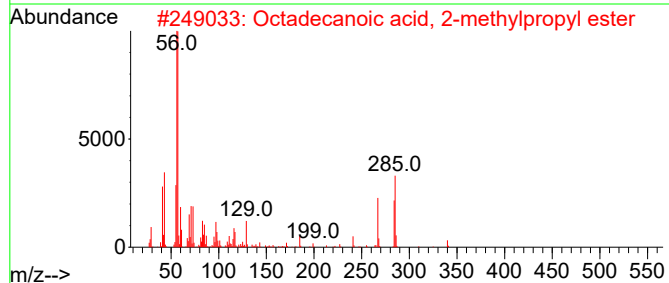
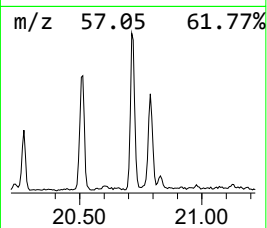
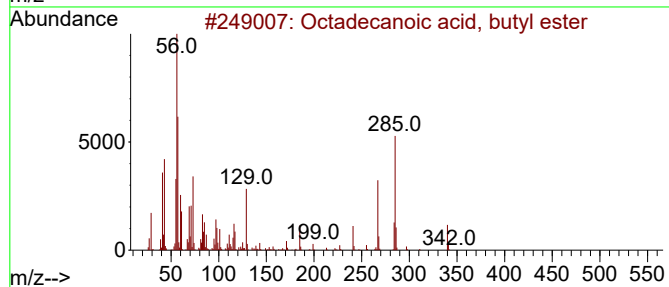
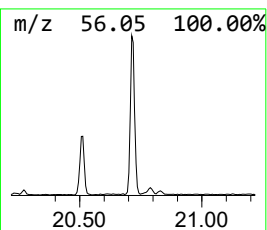
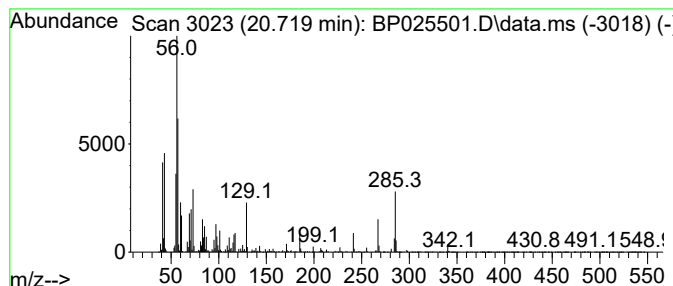
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.718	5.85 ng	687395	Chrysene-d12	21.648

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	96
2			Octadecanoic acid, 2-methylpropyl...	340	C22H44O2	000646-13-9	89
3			Butyl myristate	284	C18H36O2	000110-36-1	53
4			Piperidin-4-carboxylic acid	129	C6H11NO2	000498-94-2	38
5			1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025501.D
Acq On : 20 Aug 2025 09:19
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Sample : Q2820-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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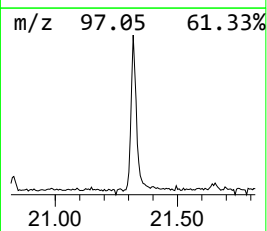
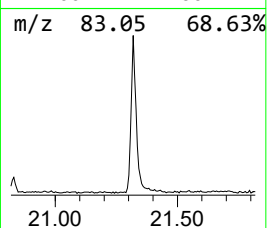
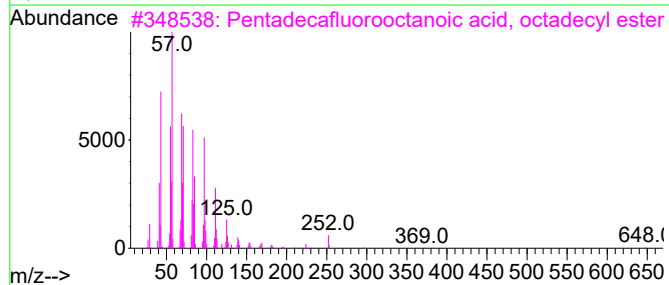
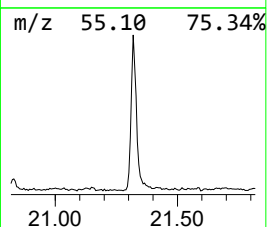
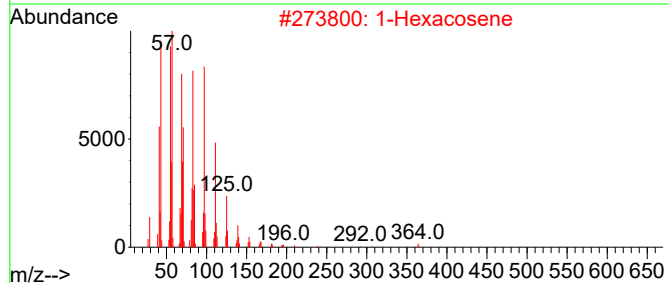
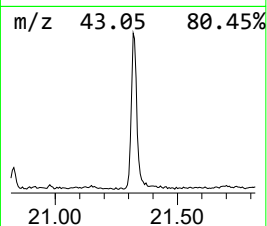
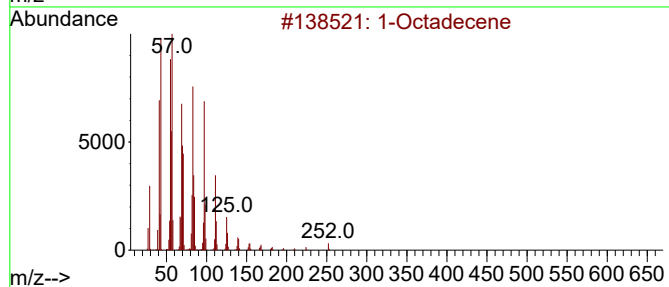
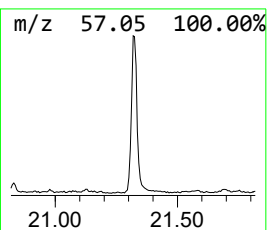
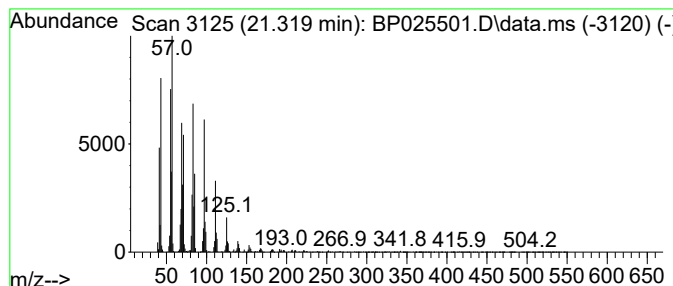
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Octadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.319	8.51 ng	999723	Chrysene-d12	21.648

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene			252	C18H36	000112-88-9	95
2	1-Hexacosene			364	C26H52	018835-33-1	94
3	Pentadecafluorooctanoic acid, oc...			666	C26H37F15O2	1000406-04-8	94
4	Octacosyl acetate			452	C30H60O2	018206-97-8	91
5	Octadecyl trifluoroacetate			366	C20H37F3O2	079392-43-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025501.D
Acq On : 20 Aug 2025 09:19
Operator : CG/JU
Sample : Q2820-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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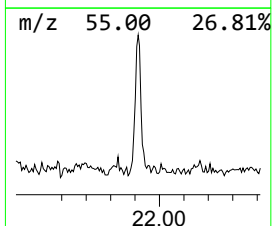
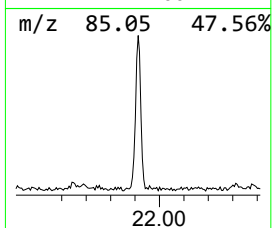
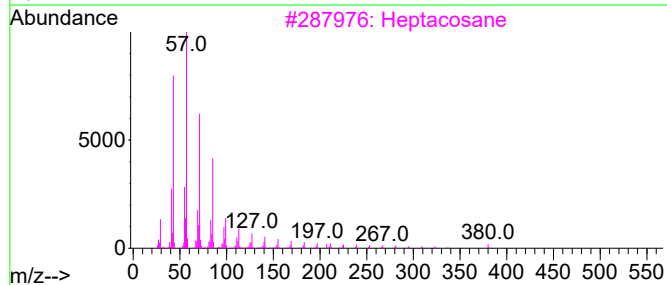
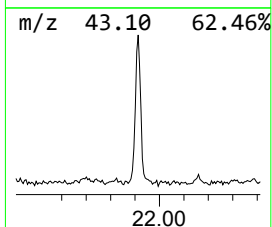
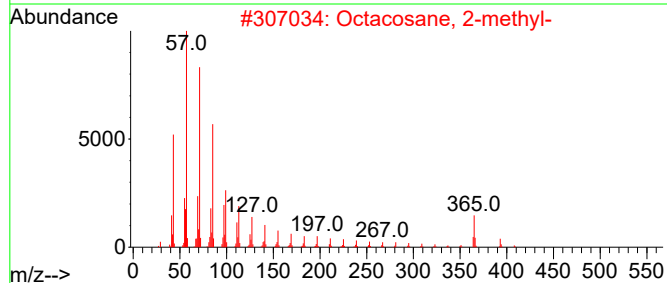
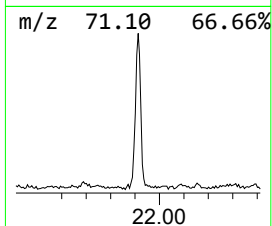
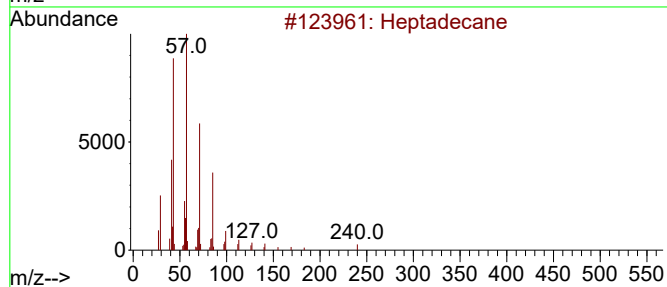
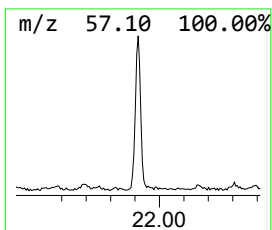
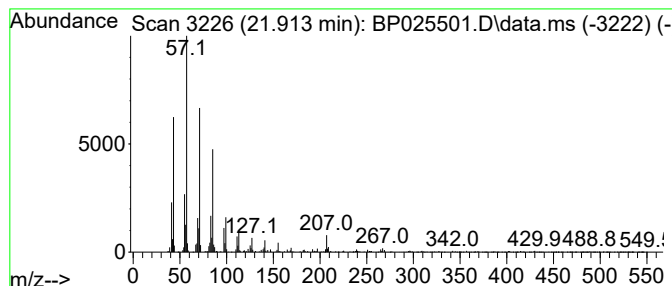
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.913	2.25 ng	264182	Chrysene-d12	21.648

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	93
2			Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
3			Heptacosane	380	C27H56	000593-49-7	90
4			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	90
5			Hexatriacontane	507	C36H74	000630-06-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
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Acq On : 20 Aug 2025 09:19
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Misc :
ALS Vial : 32 Sample Multiplier: 1

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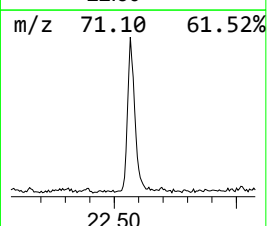
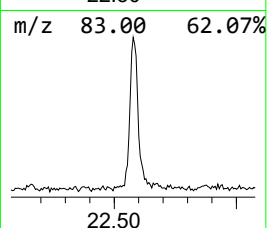
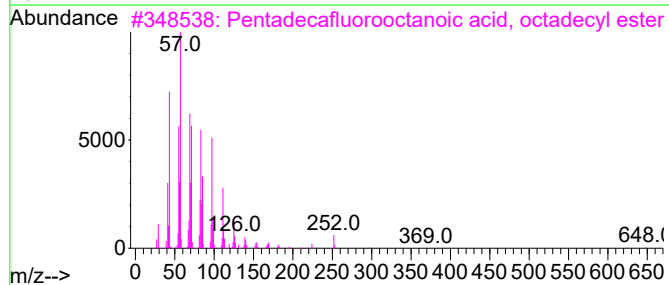
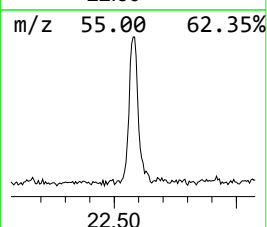
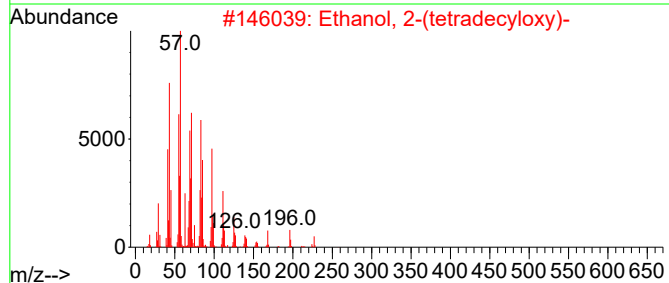
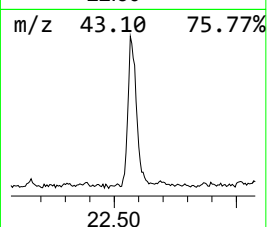
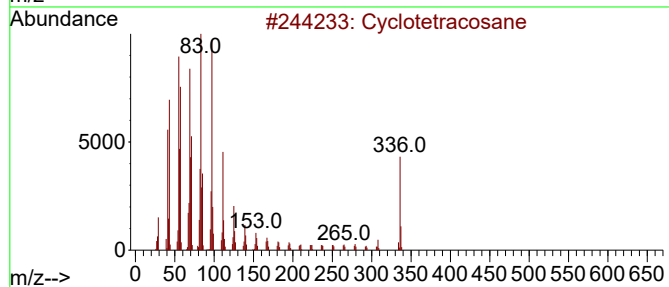
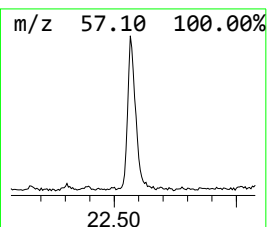
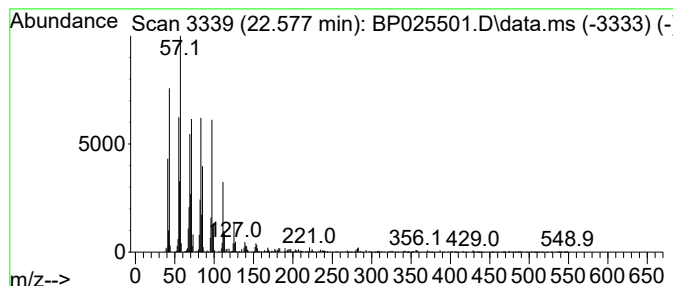
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Cyclotetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.577	5.46 ng	640866	Chrysene-d12	21.648

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetracosane	336	C24H48	000297-03-0	96
2			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	94
3			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
4			1-Hexacosanol	382	C26H54O	000506-52-5	93
5			9-Tricosene, (Z)-	322	C23H46	027519-02-4	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025501.D
Acq On : 20 Aug 2025 09:19
Operator : CG/JU
Sample : Q2820-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
10P-W

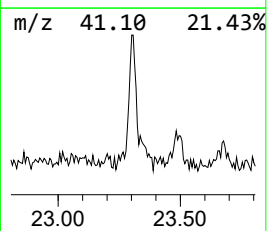
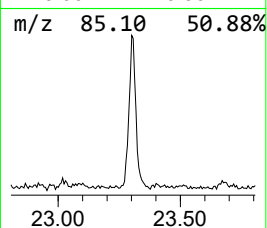
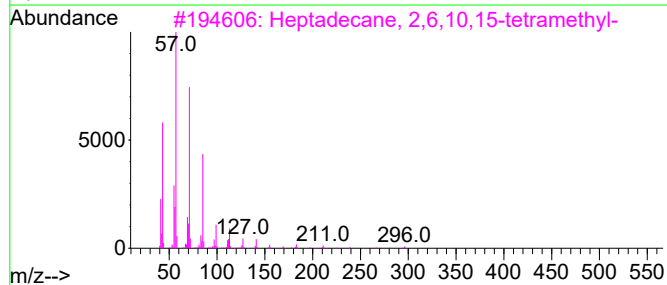
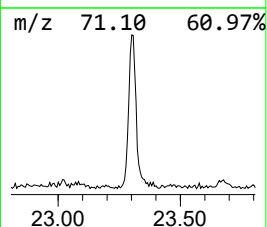
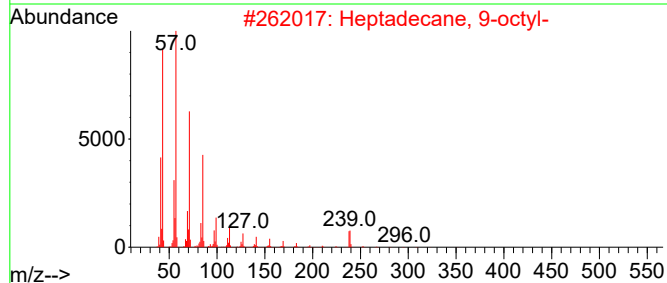
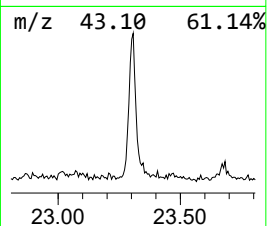
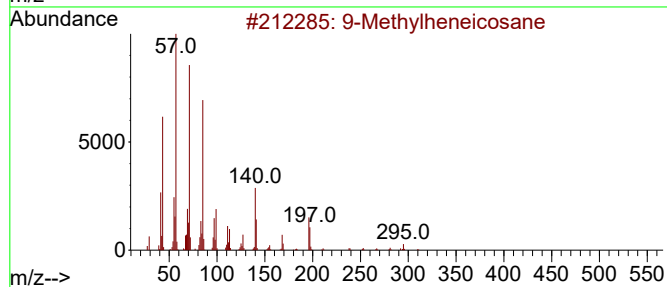
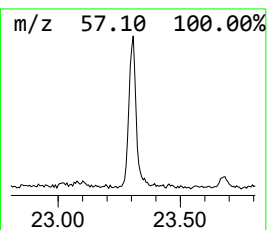
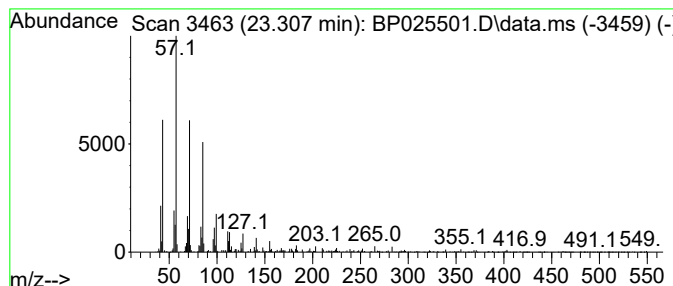
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9-Methylheneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.307	2.26 ng	264929	Chrysene-d12	21.648

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Methylheneicosane	310	C22H46	070475-51-3	94
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4			2-Methylheptacosane	394	C28H58	001561-00-8	91
5			Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025501.D
Acq On : 20 Aug 2025 09:19
Operator : CG/JU
Sample : Q2820-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
10P-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\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.037	30.6	ng	1288250	1	7.784	843116	20.0
2-Pentanone, 4-...	4.949	6.2	ng	260834	1	7.784	843116	20.0
Benzophenone	15.778	8.9	ng	739388	3	14.407	1667490	20.0
n-Hexadecanoic ...	18.142	7.5	ng	747154	4	17.201	2000290	20.0
Hexadecanoic ac...	19.383	4.3	ng	432161	4	17.201	2000290	20.0
Octadecanoic acid	19.466	2.4	ng	279208	5	21.648	2348920	20.0
Hexadecanoic ac...	19.630	7.2	ng	840914	5	21.648	2348920	20.0
Octadecanoic ac...	20.513	2.4	ng	284625	5	21.648	2348920	20.0
Octadecanoic ac...	20.718	5.8	ng	687395	5	21.648	2348920	20.0
1-Octadecene	21.319	8.5	ng	999723	5	21.648	2348920	20.0
Heptadecane	21.913	2.3	ng	264182	5	21.648	2348920	20.0
Cyclotetracosane	22.577	5.5	ng	640866	5	21.648	2348920	20.0
9-Methylheneico...	23.307	2.3	ng	264929	5	21.648	2348920	20.0