

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
 Data File : BP025795.D
 Acq On : 19 Sep 2025 12:20
 Operator : CG/JU
 Sample : Q3103-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-WTS-14

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-BP091225.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025795.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.014	8	13	32	rVB	5036625	7011522	65.46%	10.407%
2	5.378	409	415	434	rBV	1605377	2667546	24.91%	3.959%
3	5.767	475	481	491	rBV	108638	185092	1.73%	0.275%
4	6.943	674	681	700	rBV	860259	1619932	15.12%	2.404%
5	7.755	811	819	822	rBV	684392	1081269	10.10%	1.605%
6	7.796	822	826	841	rVB	1226299	1994539	18.62%	2.960%
7	8.896	1006	1013	1027	rBV	2116179	3791263	35.40%	5.627%
8	10.519	1280	1289	1303	rBV	774819	1471658	13.74%	2.184%
9	12.978	1700	1707	1726	rBV	4825298	7879011	73.56%	11.695%
10	13.149	1729	1736	1738	rBV2	71162	142851	1.33%	0.212%
11	14.372	1935	1944	1953	rBV2	1170053	2038776	19.03%	3.026%
12	15.207	2079	2086	2100	rVB	227550	391659	3.66%	0.581%
13	15.754	2172	2179	2186	rBV	378200	603337	5.63%	0.896%
14	15.890	2195	2202	2213	rBV	3801940	6110274	57.05%	9.069%
15	16.578	2314	2319	2327	rBV	211435	346908	3.24%	0.515%
16	17.178	2412	2421	2428	rBV2	1311993	2159176	20.16%	3.205%
17	17.372	2451	2454	2460	rVB	117775	169040	1.58%	0.251%
18	17.990	2553	2559	2569	rBV	338675	677863	6.33%	1.006%
19	18.125	2576	2582	2589	rBV	3117815	4345249	40.57%	6.450%
20	18.184	2589	2592	2599	rVB	295830	487451	4.55%	0.724%
21	18.560	2652	2656	2662	rVB	82197	112227	1.05%	0.167%
22	19.319	2780	2785	2798	rBV2	142230	340967	3.18%	0.506%
23	19.448	2802	2807	2826	rBV	1498896	2669823	24.93%	3.963%
24	19.907	2879	2885	2893	rBV	7983472	10710797	100.00%	15.898%
25	21.295	3116	3121	3130	rBV2	231845	433796	4.05%	0.644%
26	21.630	3171	3178	3192	rVB	1222763	2453229	22.90%	3.641%
27	23.448	3480	3487	3502	rVB	1497256	2869803	26.79%	4.260%
28	24.995	3741	3750	3764	rVB	801538	2443852	22.82%	3.627%
29	29.448	4505	4507	4509	rBV3	137884	163710	1.53%	0.243%

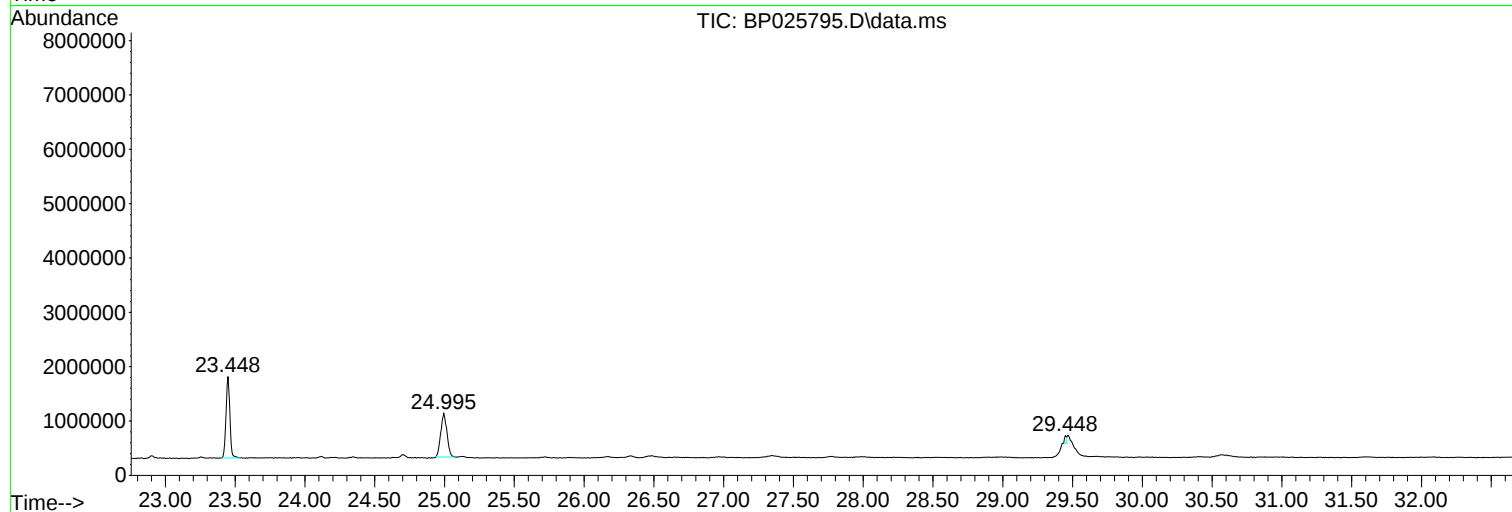
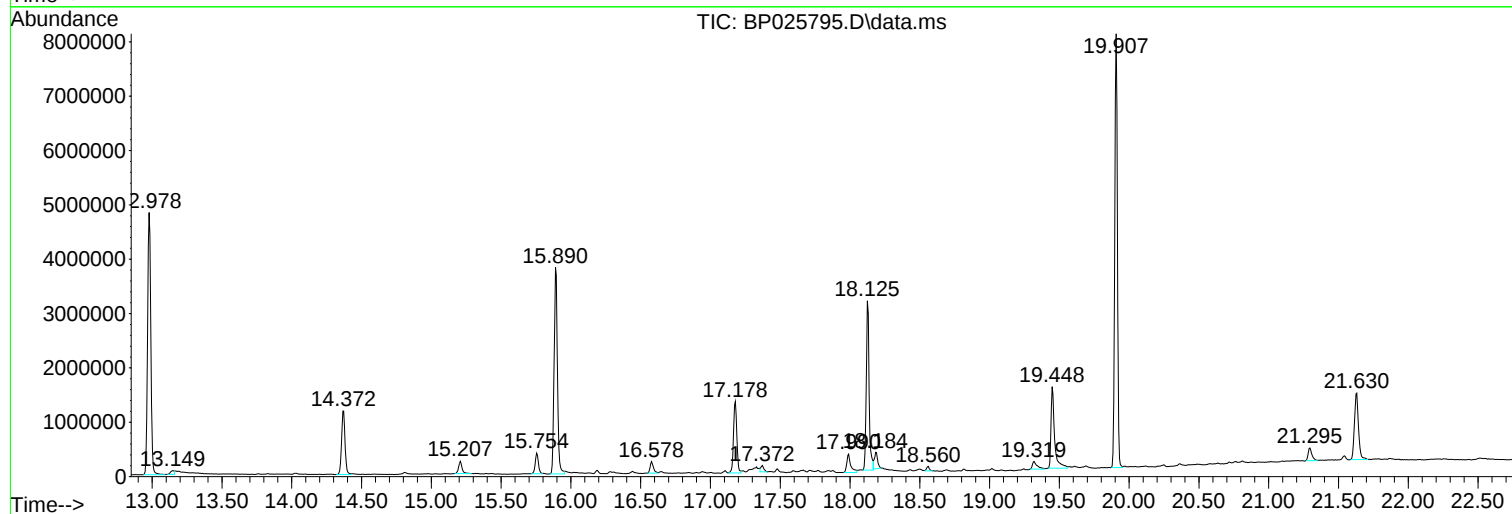
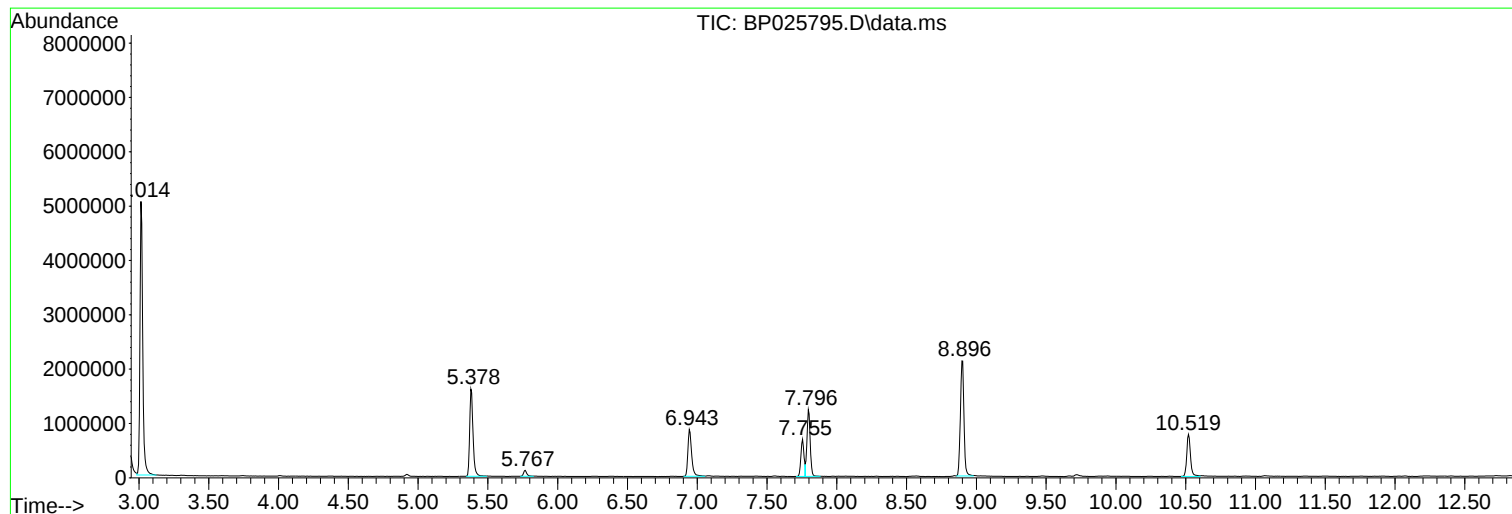
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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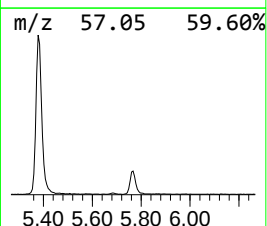
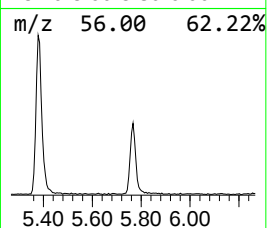
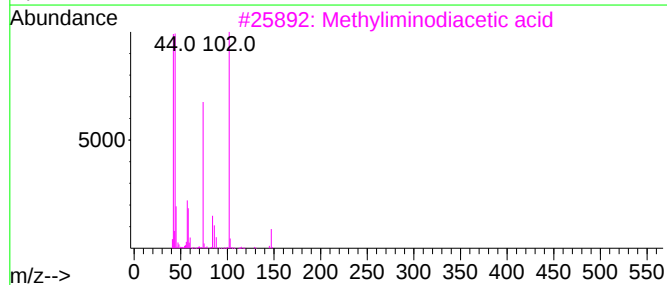
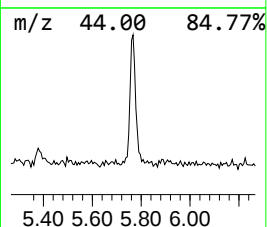
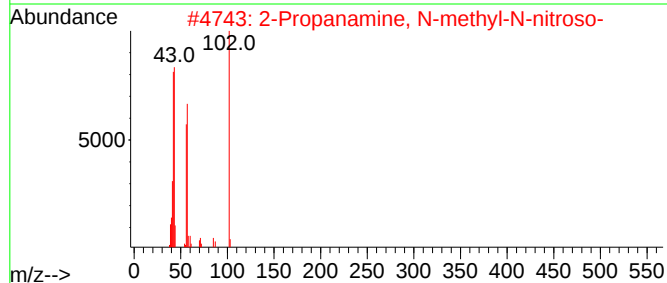
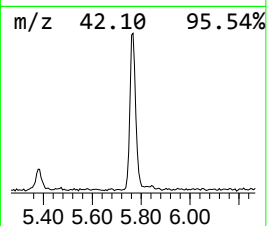
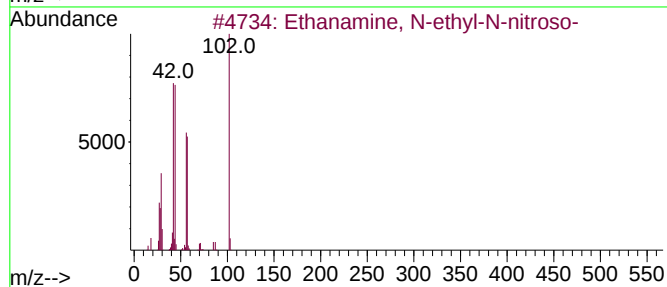
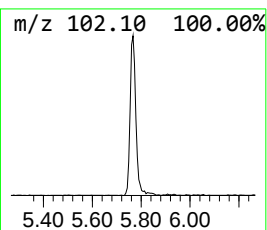
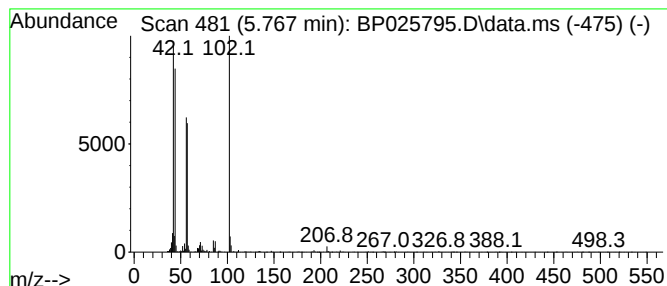
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Ethanamine, N-ethyl-N-nitroso- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.767	3.42 ng	185092	1,4-Dichlorobenzene-d4	7.755

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanamine, N-ethyl-N-nitroso-	102	C4H10N2O	000055-18-5	94
2			2-Propanamine, N-methyl-N-nitroso-	102	C4H10N2O	030533-08-5	49
3			Methyliminodiacetic acid	147	C5H9NO4	004408-64-4	39
4			N-Aminomorpholine	102	C4H10N2O	004319-49-7	38
5			1,2,3-Trimethyldiaziridine	86	C4H10N2	113604-56-1	35



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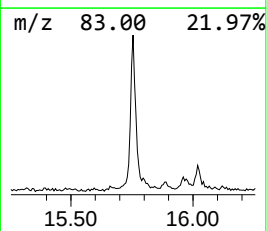
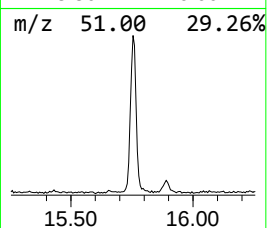
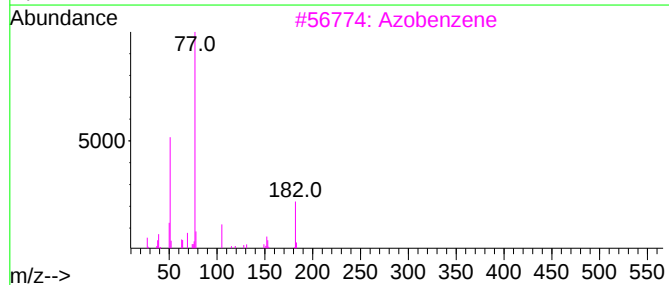
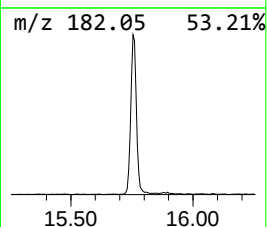
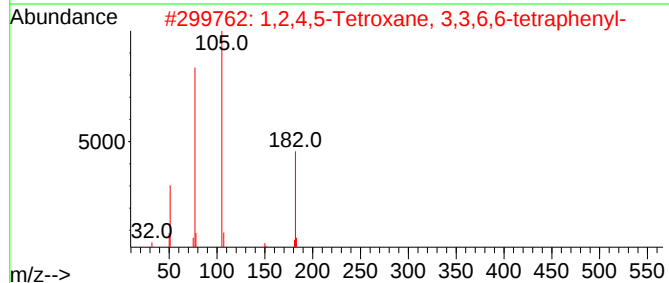
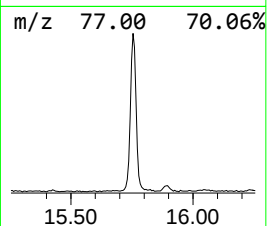
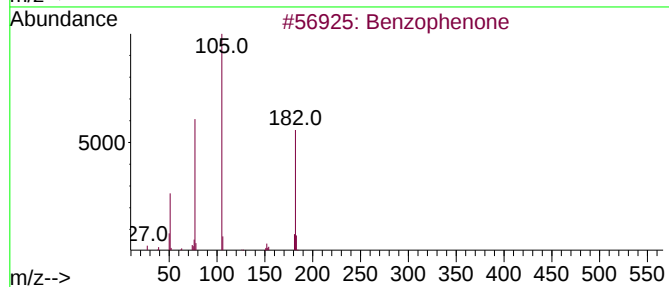
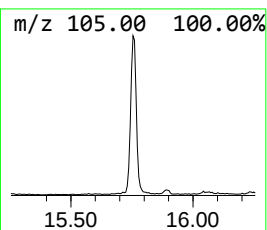
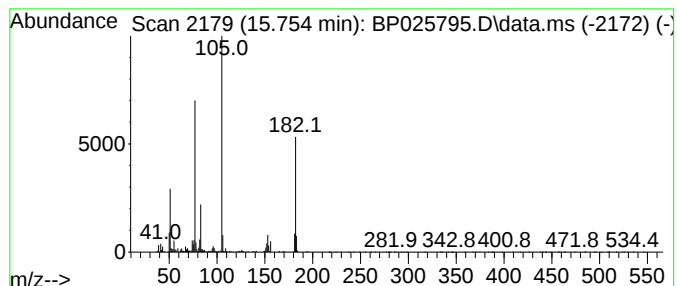
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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Peak Number 3 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.754	5.92 ng	603337	Acenaphthene-d10	14.372

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	50
3			Azobenzene	182	C12H10N2	000103-33-3	40
4			Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	40
5			Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	37



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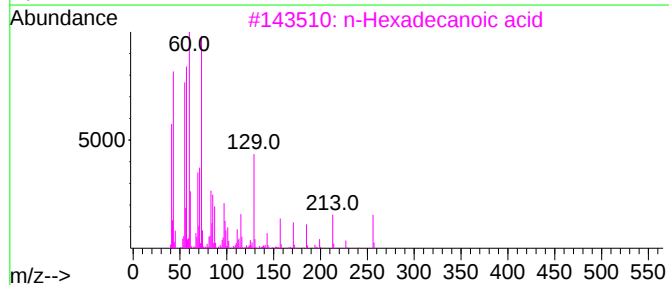
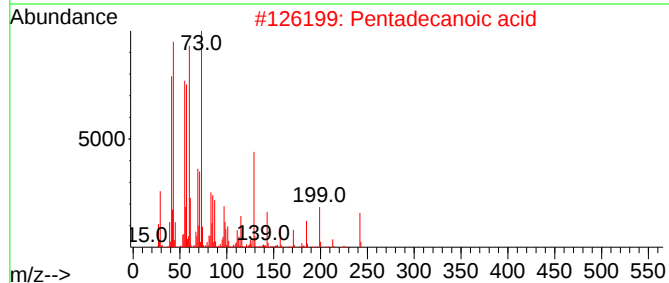
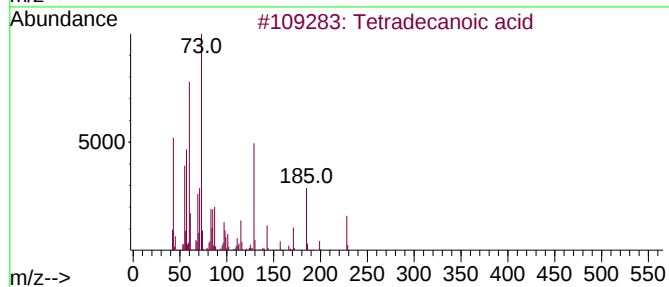
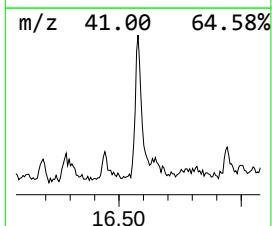
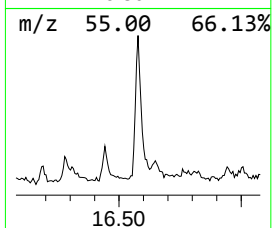
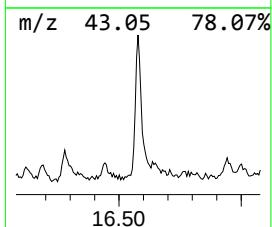
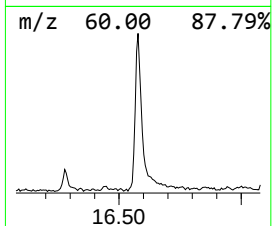
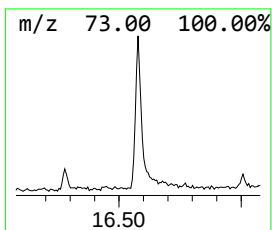
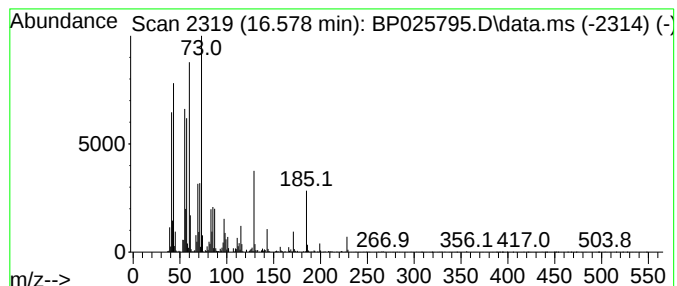
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetradecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.578	3.21 ng	346908	Phenanthrene-d10	17.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4			n-Decanoic acid	172	C10H20O2	000334-48-5	70
5			Dodecanoic acid	200	C12H24O2	000143-07-7	68



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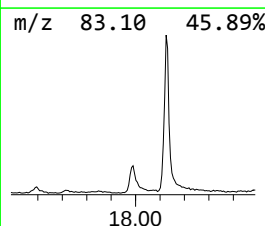
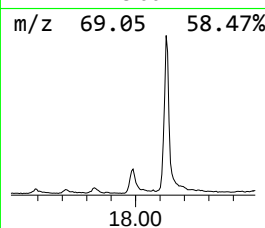
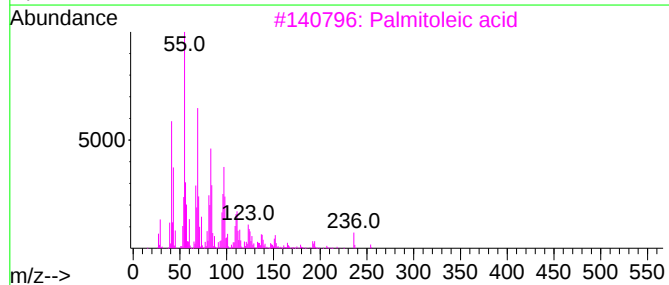
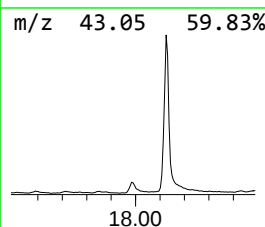
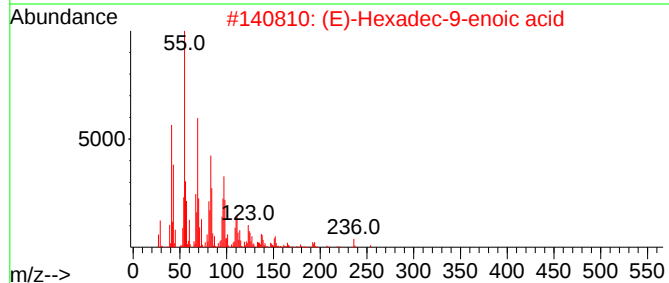
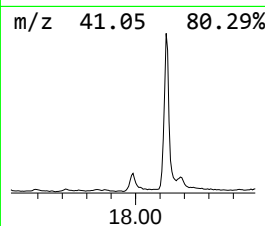
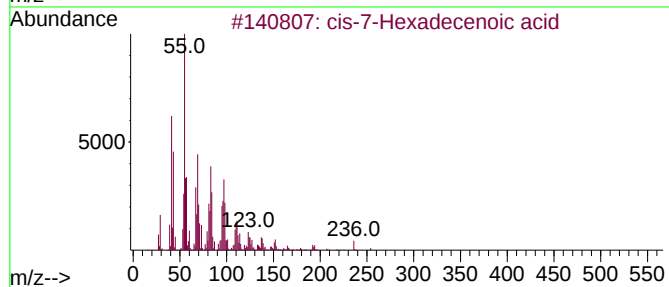
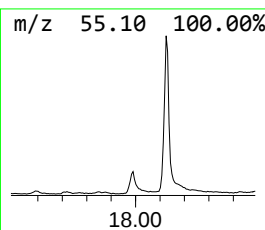
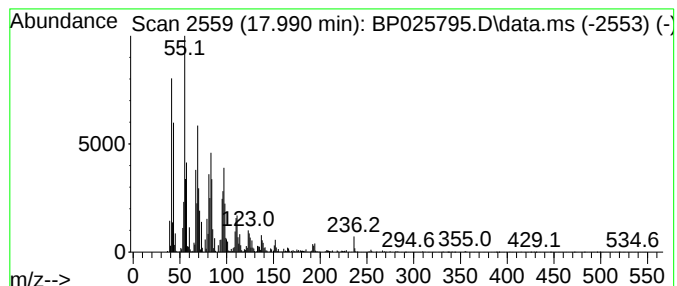
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Peak Number 5 cis-7-Hexadecenoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.990	6.28 ng	677863	Phenanthrene-d10	17.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	99
2			(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	99
3			Palmitoleic acid	254	C16H30O2	000373-49-9	99
4			Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	91
5			Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	89



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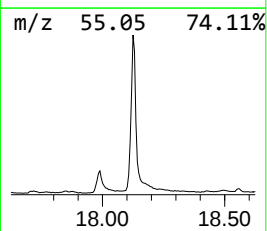
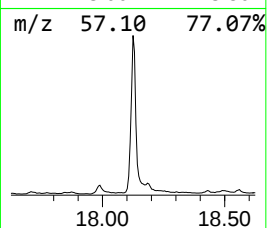
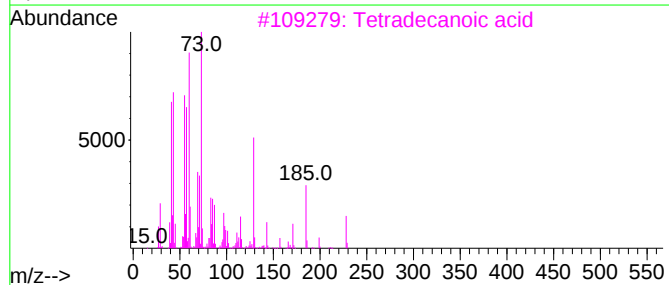
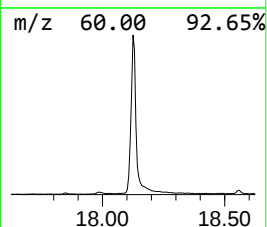
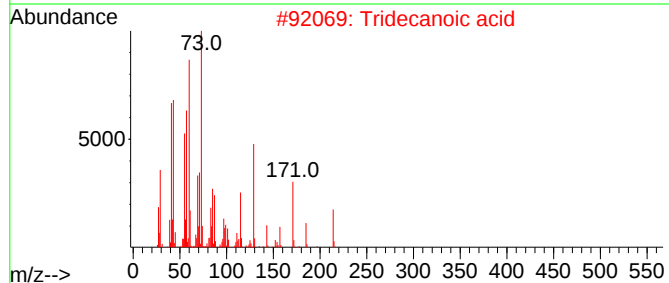
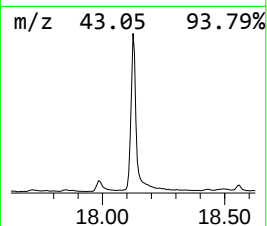
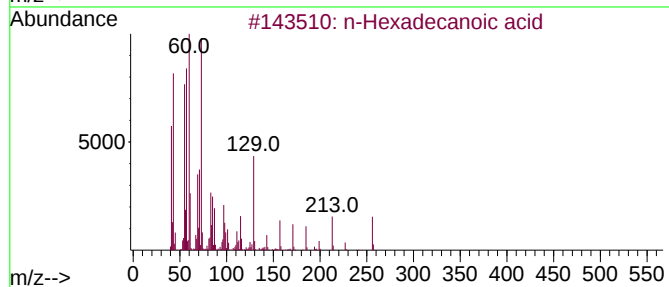
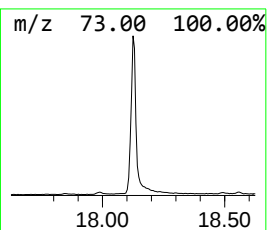
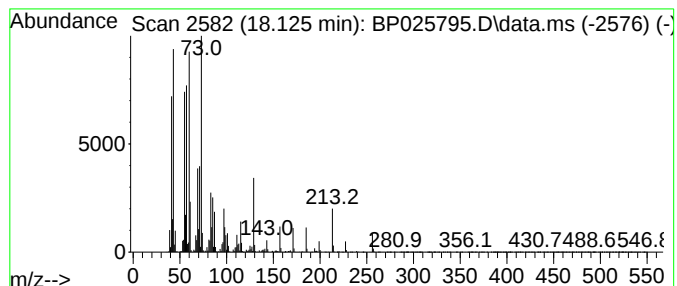
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TIC Library : C:\Database\NIST20.L
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Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.125	40.25 ng	4345250	Phenanthrene-d10	17.178

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			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	49



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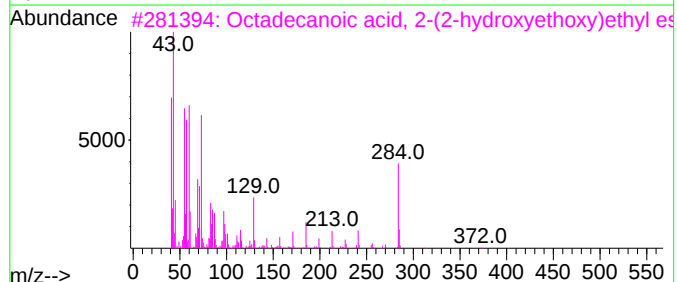
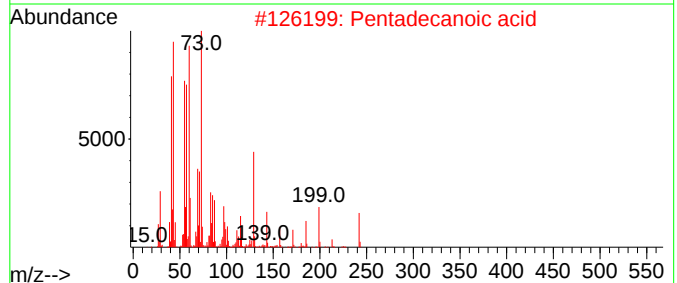
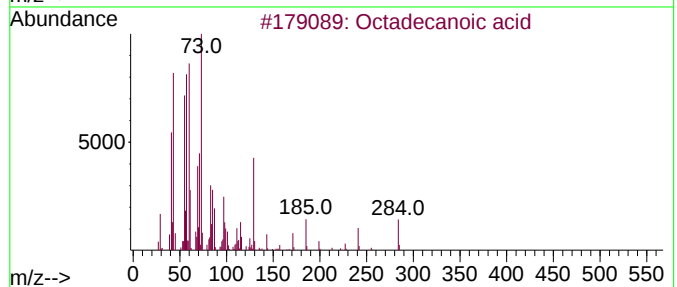
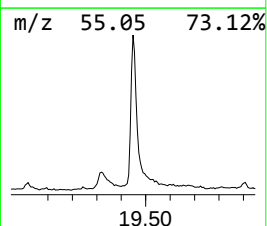
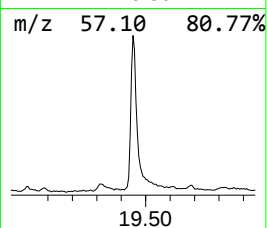
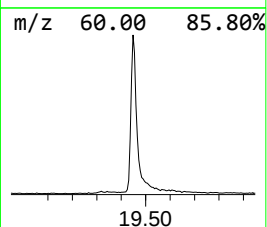
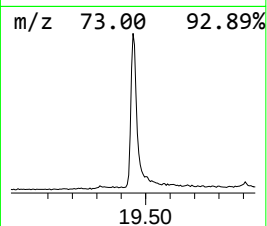
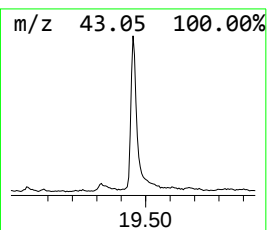
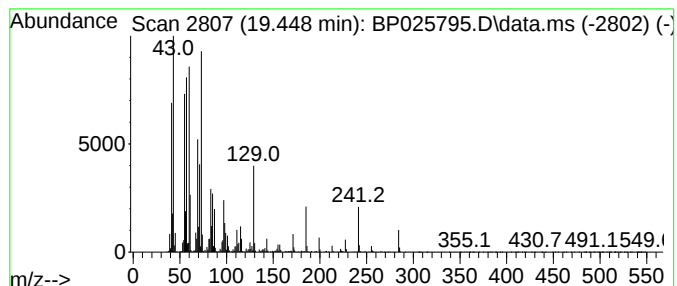
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.448	21.77 ng	2669820	Chrysene-d12	21.631

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	90
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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025795.D
Acq On : 19 Sep 2025 12:20
Operator : CG/JU
Sample : Q3103-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

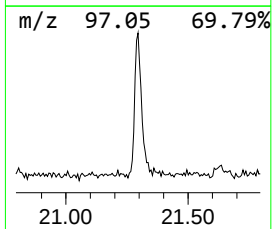
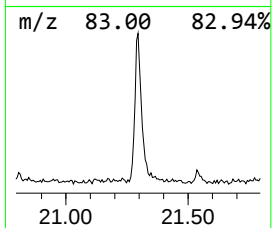
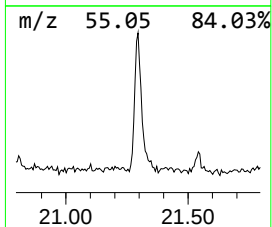
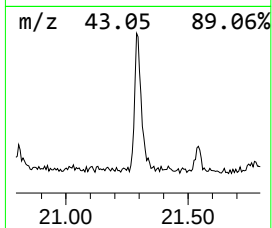
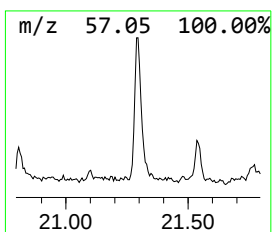
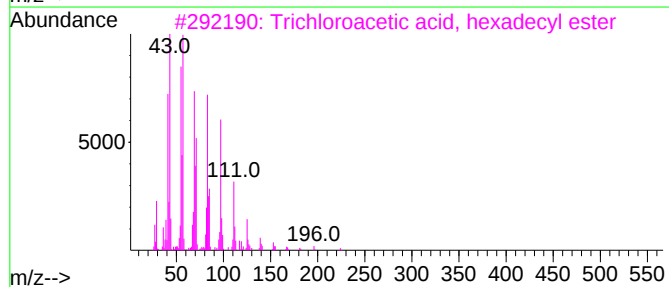
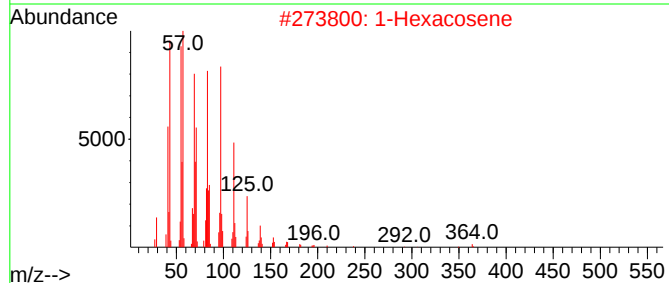
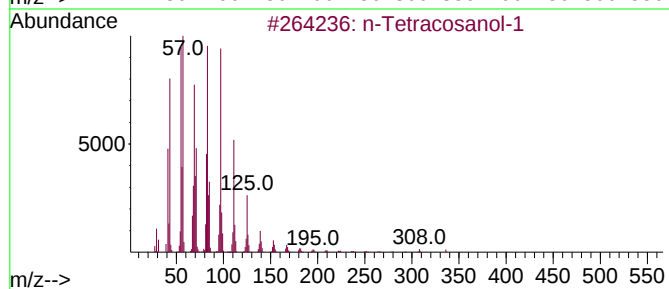
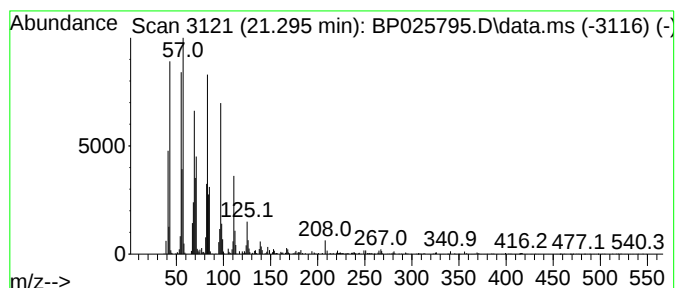
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ClientSampleId :
TW-WTS-14

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Tetracosanol-1 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.295	3.54 ng	433796	Chrysene-d12	21.631	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	93
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025795.D
Acq On : 19 Sep 2025 12:20
Operator : CG/JU
Sample : Q3103-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-WTS-14

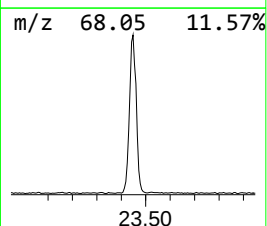
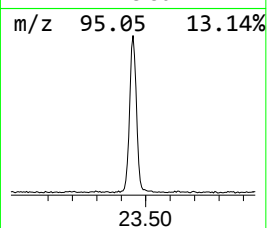
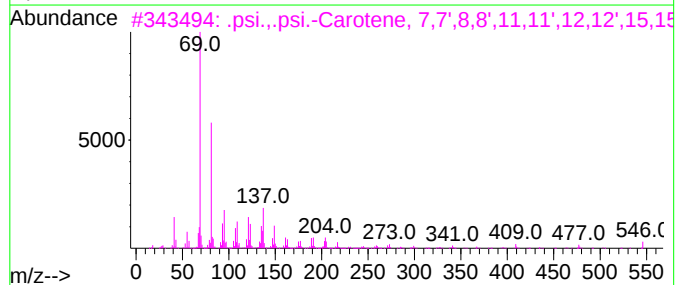
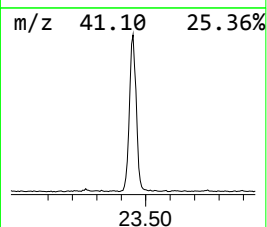
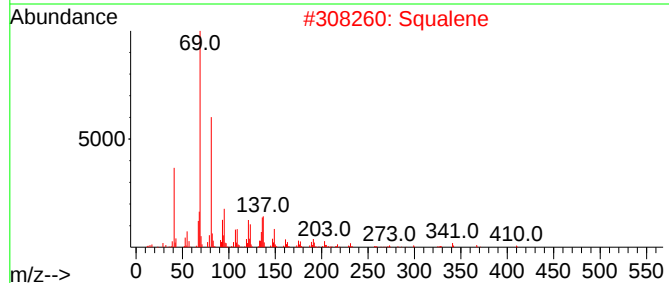
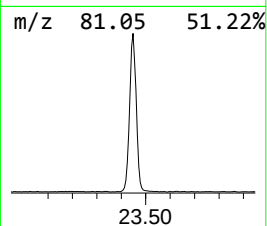
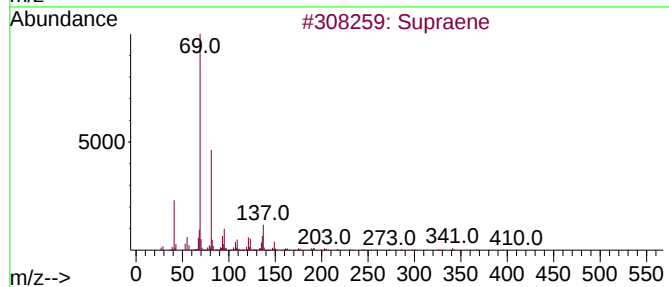
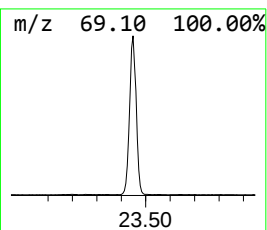
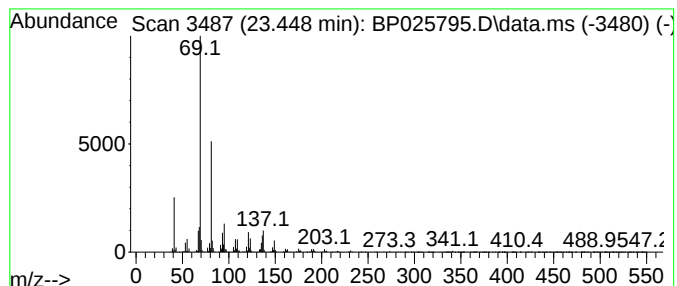
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Supraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.448	23.49 ng	2869800	Perylene-d12	24.995

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	91
2			Squalene	410	C30H50	000111-02-4	91
3			.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	83
4			1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52
5			2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025795.D
Acq On : 19 Sep 2025 12:20
Operator : CG/JU
Sample : Q3103-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-WTS-14

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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
Ethanamine, N-e...	5.767	3.4	ng	185092	1	7.755	1081270	20.0
Benzophenone	15.754	5.9	ng	603337	3	14.372	2038780	20.0
Tetradecanoic acid	16.578	3.2	ng	346908	4	17.178	2159180	20.0
cis-7-Hexadecen...	17.990	6.3	ng	677863	4	17.178	2159180	20.0
n-Hexadecanoic ...	18.125	40.3	ng	4345250	4	17.178	2159180	20.0
Octadecanoic acid	19.448	21.8	ng	2669820	5	21.631	2453230	20.0
n-Tetracosanol-1	21.295	3.5	ng	433796	5	21.631	2453230	20.0
Supraene	23.448	23.5	ng	2869800	6	24.995	2443850	20.0