

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
 Data File : BP025094.D
 Acq On : 10 Jul 2025 22:31
 Operator : CG/JU
 Sample : Q2526-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LAW-25-0102

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-BP070325.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025094.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.096	361	367	379	rVB	4273005	6349430	8.50%	1.535%
2	6.178	544	551	560	rBV	3892533	5847612	7.83%	1.414%
3	6.625	618	627	640	rBV	4594581	7269045	9.74%	1.757%
4	6.902	668	674	679	rBV	1731583	2673804	3.58%	0.646%
5	7.443	758	766	777	rVB	2055008	3302498	4.42%	0.798%
6	8.190	887	893	901	rBV	589088	884963	1.19%	0.214%
7	8.566	944	957	969	rBV	2897980	4691364	6.28%	1.134%
8	8.902	993	1014	1020	rBV	1184491	3986104	5.34%	0.964%
9	10.184	1225	1232	1239	rBV	2823244	4941607	6.62%	1.195%
10	12.690	1650	1658	1668	rVB	4386025	6910603	9.26%	1.671%
11	14.078	1888	1894	1904	rVB2	5070078	9226199	12.36%	2.231%
12	14.372	1938	1944	1952	rVB2	1176253	1997005	2.67%	0.483%
13	14.560	1971	1976	1983	rBV3	301914	797222	1.07%	0.193%
14	15.019	2050	2054	2060	rBV	872938	1170928	1.57%	0.283%
15	15.419	2116	2122	2124	rBV	934184	1469038	1.97%	0.355%
16	15.478	2128	2132	2137	rBV2	1339531	1986158	2.66%	0.480%
17	15.525	2137	2140	2146	rVB	552258	756149	1.01%	0.183%
18	15.607	2146	2154	2161	rBV	6527009	12070904	16.17%	2.918%
19	15.713	2169	2172	2175	rBV2	687525	1032665	1.38%	0.250%
20	15.907	2200	2205	2208	rBV	1459189	2361331	3.16%	0.571%
21	15.960	2209	2214	2218	rBV3	2856899	6152305	8.24%	1.487%
22	16.025	2222	2225	2229	rVV2	1862997	3202719	4.29%	0.774%
23	16.090	2233	2236	2240	rBV2	2358698	3519591	4.71%	0.851%
24	16.272	2261	2267	2274	rBV2	7402672	19424094	26.02%	4.696%
25	16.331	2274	2277	2280	rVB	3635426	3830950	5.13%	0.926%
26	16.390	2283	2287	2291	rVV	3548581	4922109	6.59%	1.190%
27	16.437	2292	2295	2298	rVV	3272300	3753558	5.03%	0.908%
28	16.501	2303	2306	2310	rBV3	4604133	6706038	8.98%	1.621%
29	16.731	2342	2345	2348	rBV2	4424754	6381207	8.55%	1.543%
30	16.778	2349	2353	2354	rBV	5225563	6713141	8.99%	1.623%
31	17.060	2397	2401	2406	rBV3	9220206	20014518	26.81%	4.839%
32	17.184	2420	2422	2426	rVB3	5520200	6424135	8.60%	1.553%
33	20.501	2982	2986	2992	rVB2	14560543	18930134	25.35%	4.577%
34	20.625	3004	3007	3012	rVB	7787473	10763383	14.42%	2.602%
35	20.872	3046	3049	3053	rVB2	3997002	4209609	5.64%	1.018%
36	21.007	3069	3072	3078	rVB	4295453	6848604	9.17%	1.656%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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37	21.330	3124	3127	3133	rVB2	7677246	10770863	14.43%	2.604%
38	21.748	3192	3198	3206	rVB2	7267789	14533153	19.47%	3.514%
39	22.260	3281	3285	3300	rVB	3643293	8285796	11.10%	2.003%
40	23.148	3432	3436	3442	rVB	772717	1293599	1.73%	0.313%
41	23.289	3455	3460	3471	rVB	2229995	4508854	6.04%	1.090%
42	23.783	3536	3544	3566	rVB2	8869117	27887415	37.35%	6.743%
43	24.466	3651	3660	3671	rVB	4082805	10553140	14.13%	2.552%
44	25.242	3784	3792	3802	rVB2	1479507	4288978	5.74%	1.037%
45	25.913	3894	3906	3913	rBV	6033734	22628888	30.31%	5.471%
46	26.018	3913	3924	3947	rVB	23308102	74660966	100.00%	18.051%
47	28.024	4254	4265	4284	rVB3	1667028	6791226	9.10%	1.642%
48	28.912	4407	4416	4431	rVB2	1076264	4557969	6.10%	1.102%
49	29.318	4476	4485	4516	rVB4	1799670	11321953	15.16%	2.737%

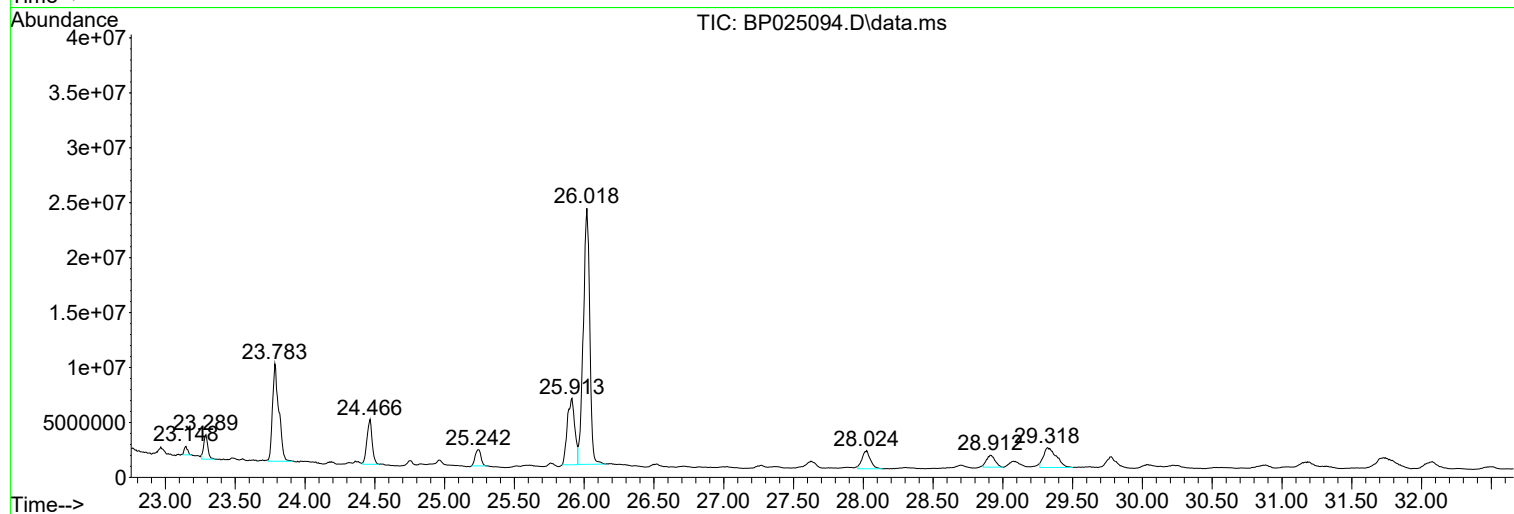
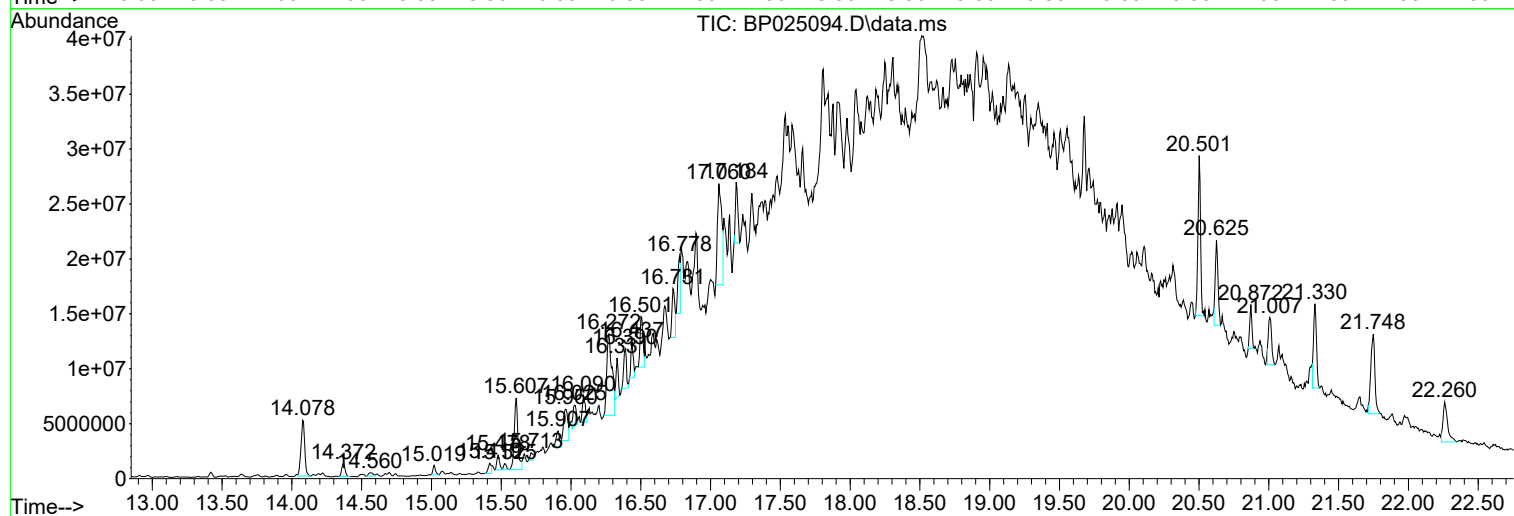
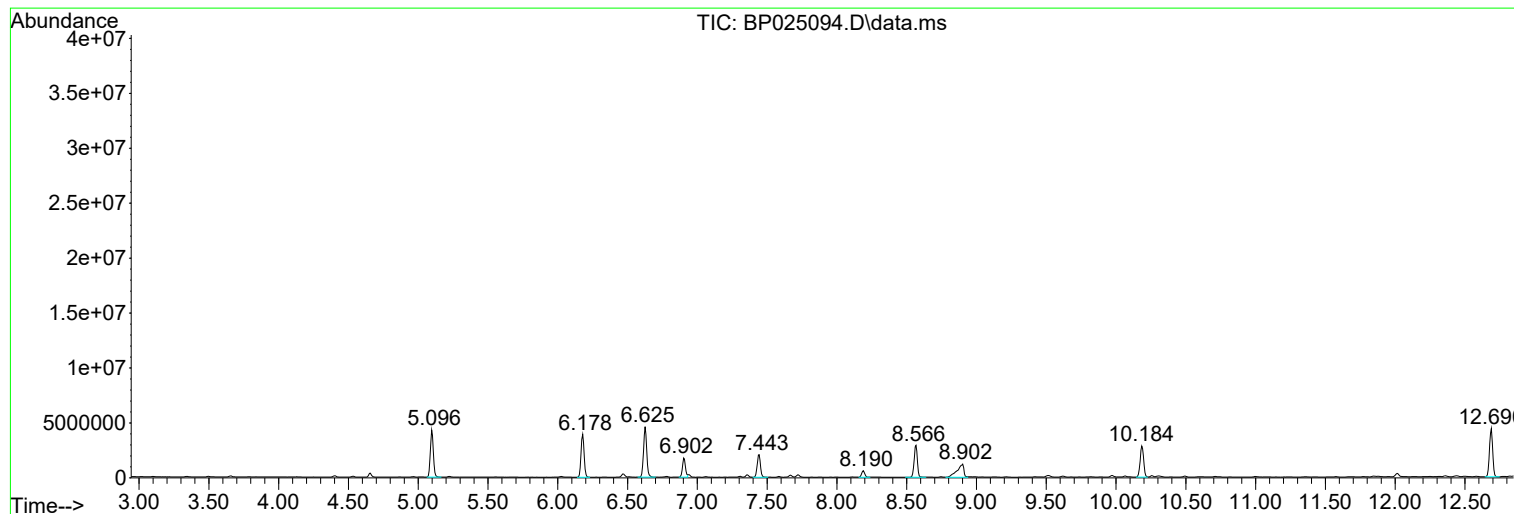
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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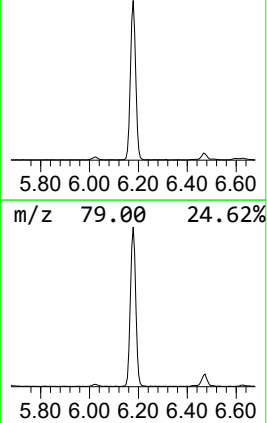
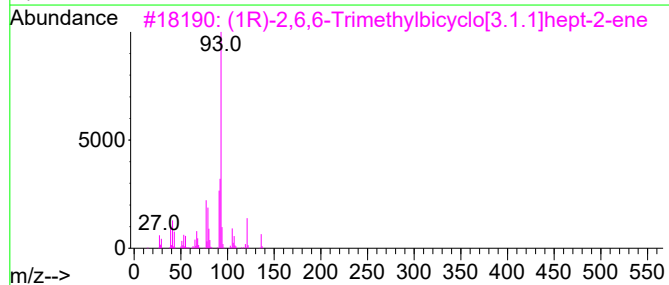
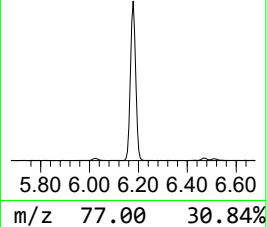
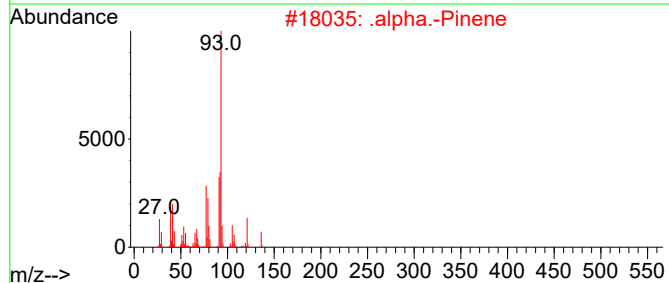
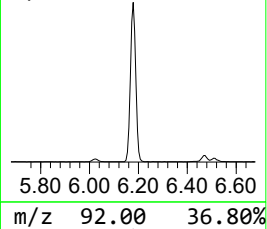
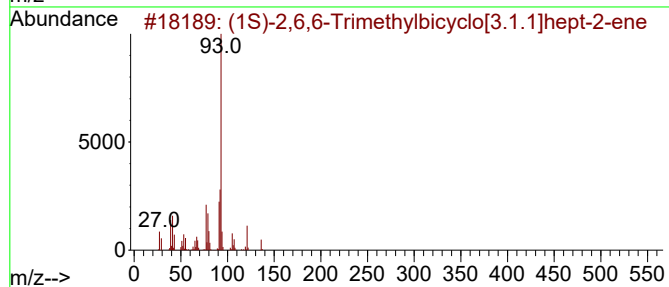
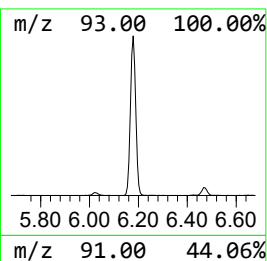
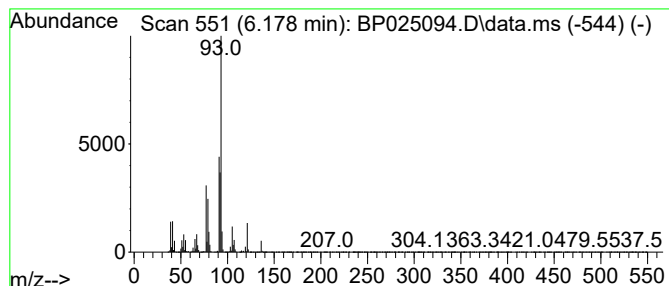
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 (1S)-2,6,6-Trimethylbicyclo... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.178	35.41 ng	5847610	1,4-Dichlorobenzene-d4	7.443

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S)-2,6,6-Trimethylbicyclo[3.1...	136	C10H16	007785-26-4	97		
2	.alpha.-Pinene	136	C10H16	000080-56-8	96		
3	(1R)-2,6,6-Trimethylbicyclo[3.1...	136	C10H16	007785-70-8	95		
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91		
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91		



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Instrument :
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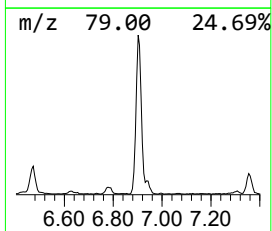
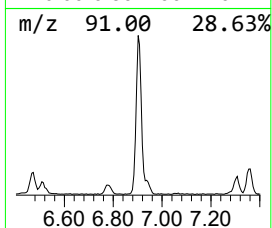
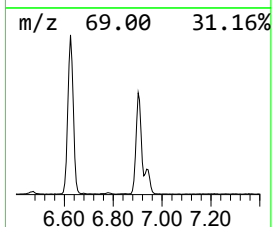
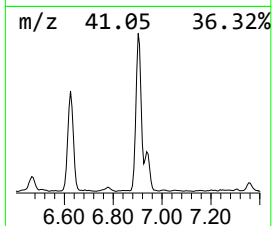
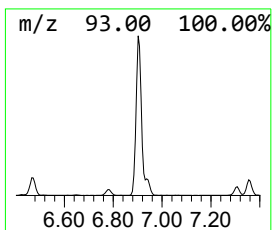
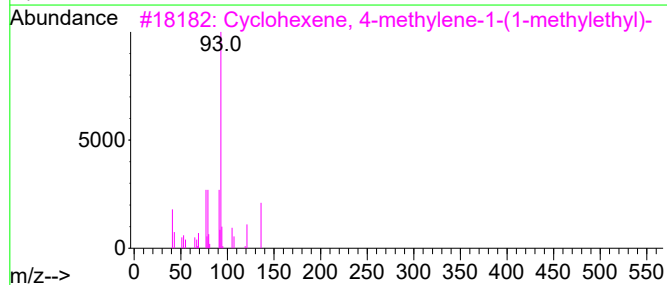
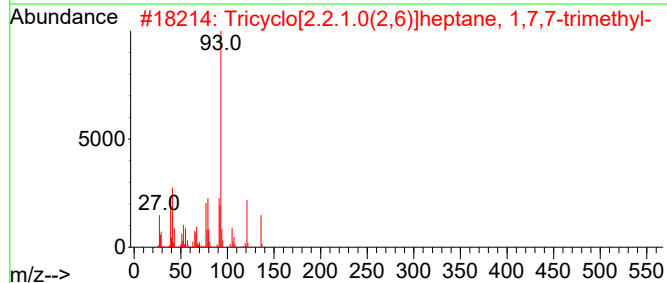
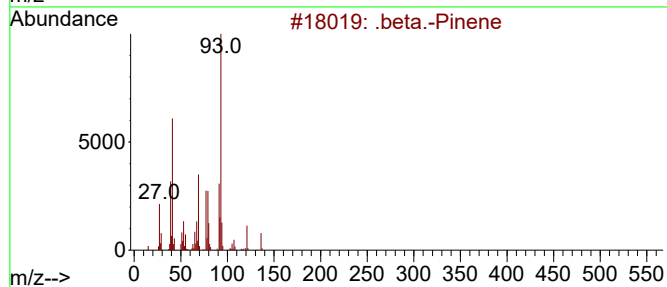
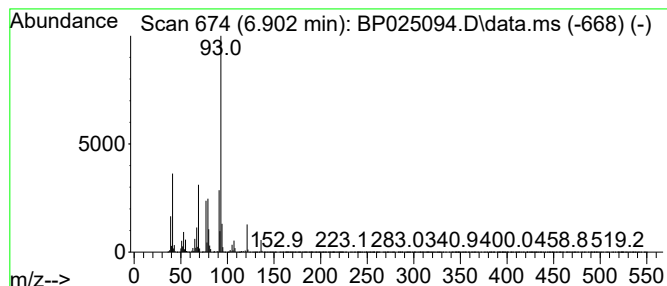
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 .beta.-Pinene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.902	16.19 ng	2673800	1,4-Dichlorobenzene-d4	7.443

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.beta.-Pinene	136	C10H16	000127-91-3	93
2		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
3		Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
4		Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
5		.alpha.-Pinene	136	C10H16	000080-56-8	87



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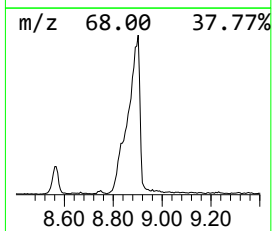
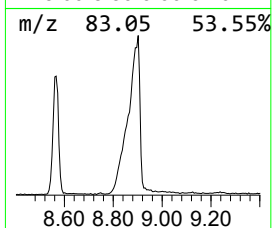
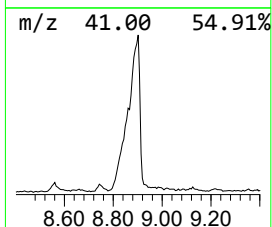
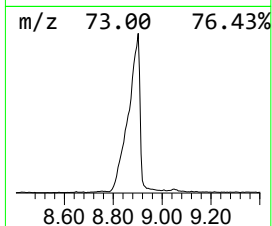
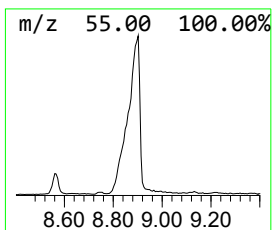
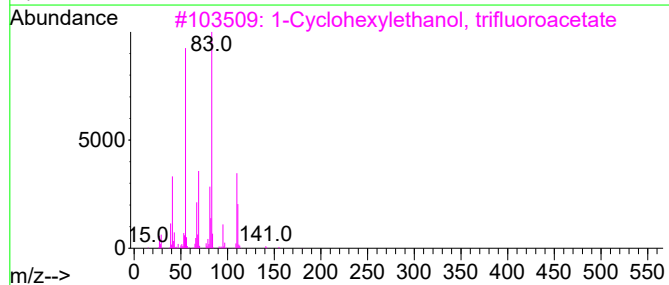
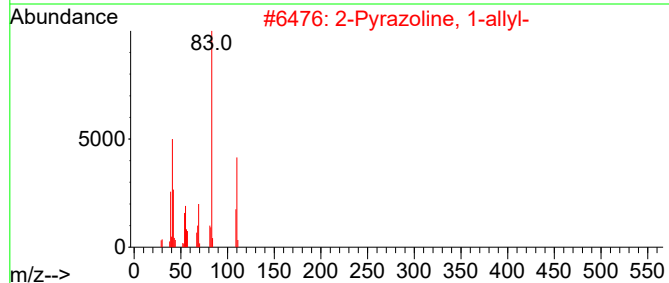
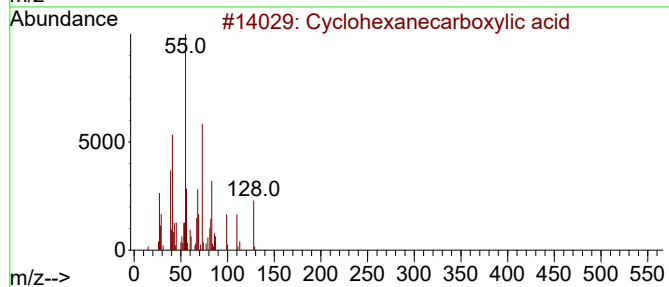
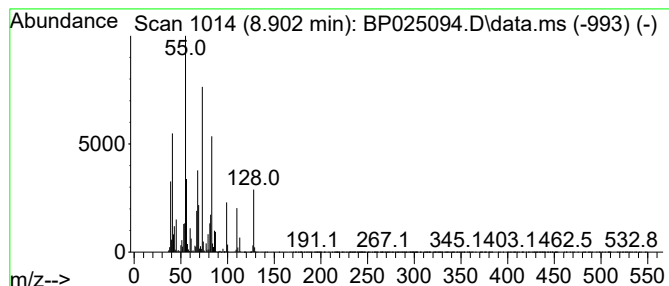
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexanecarboxylic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.902	16.13 ng	3986100	Naphthalene-d8	10.184

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanecarboxylic acid	128	C7H12O2	000098-89-5	96
2			2-Pyrazoline, 1-allyl-	110	C6H10N2	019804-38-7	22
3			1-Cyclohexylethanol, trifluoroac...	224	C10H15F3O2	1000365-19-2	22
4			3,4-Dihydro-2H-pyran-2-carboxyli...	128	C6H8O3	1010132-10-4	18
5			2-Butenoic acid, 3-methyl-, ethy...	128	C7H12O2	000638-10-8	14



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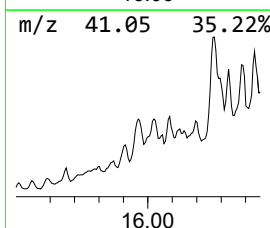
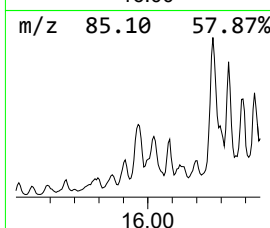
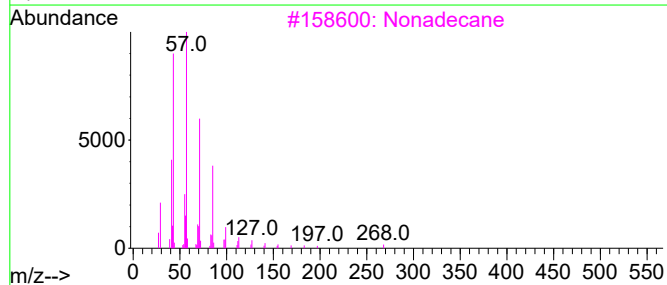
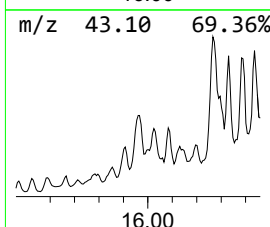
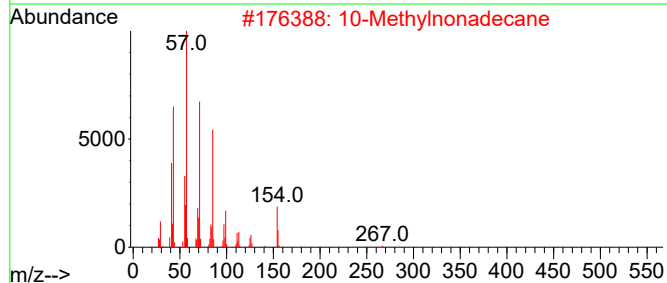
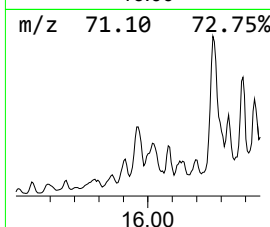
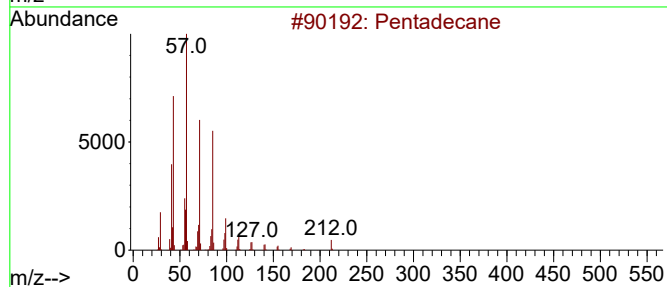
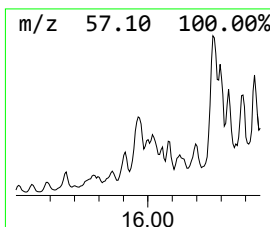
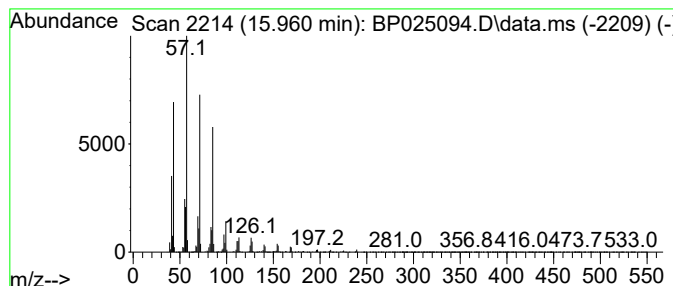
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.960	18.33 ng	6152310	Phenanthrene-d10	16.895

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	87
2			10-Methylnonadecane	282	C20H42	056862-62-5	87
3			Nonadecane	268	C19H40	000629-92-5	86
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	81
5			Tridecane, 7-propyl-	226	C16H34	055045-09-5	72



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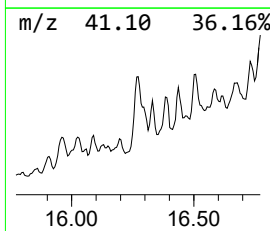
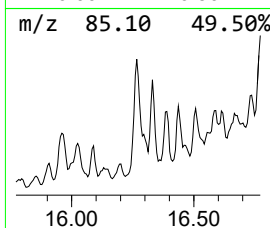
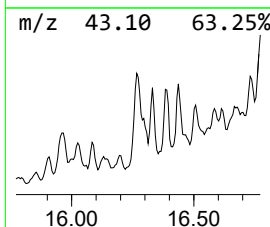
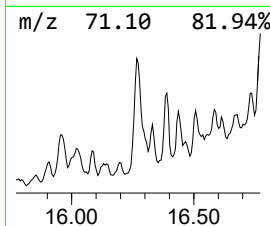
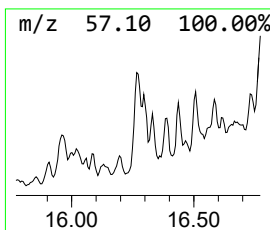
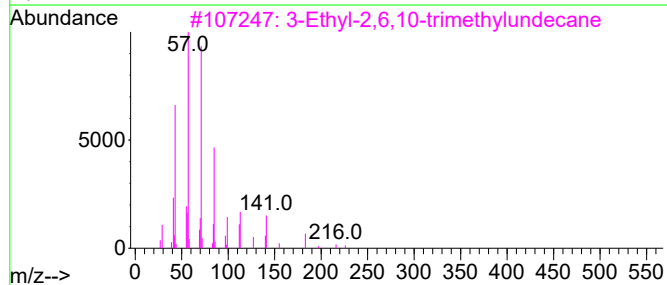
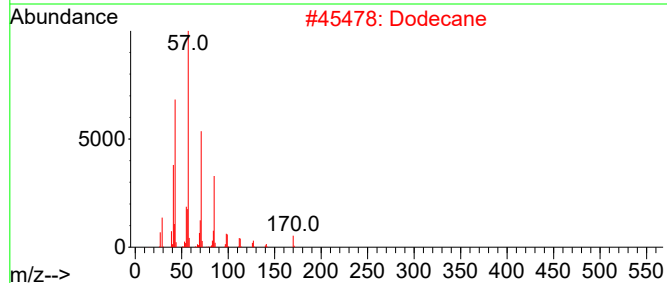
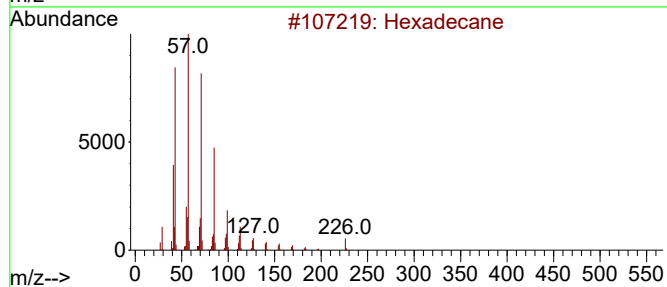
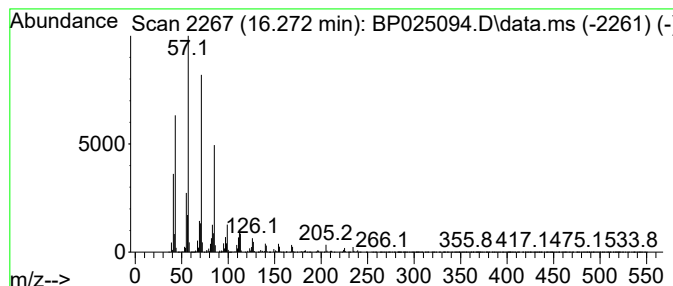
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.272	57.87 ng	19424100	Phenanthrene-d10	16.895

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Dodecane	170	C12H26	000112-40-3	87
3			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	86
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	83
5			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025094.D
Acq On : 10 Jul 2025 22:31
Operator : CG/JU
Sample : Q2526-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

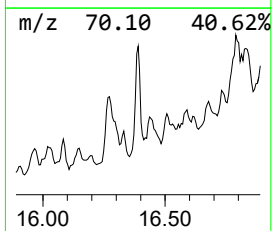
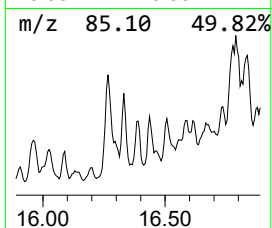
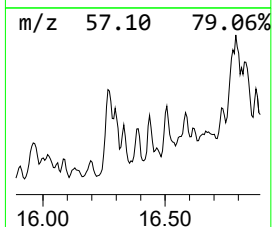
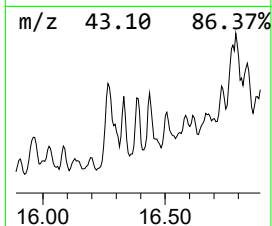
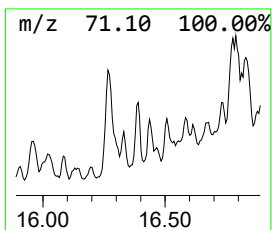
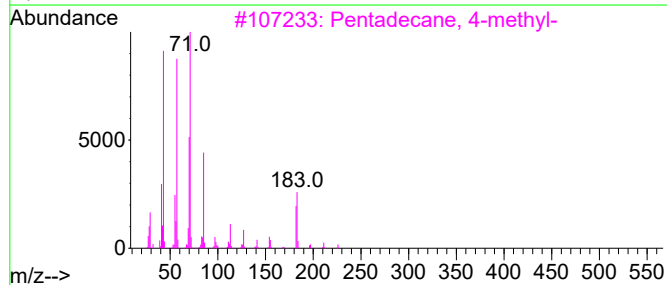
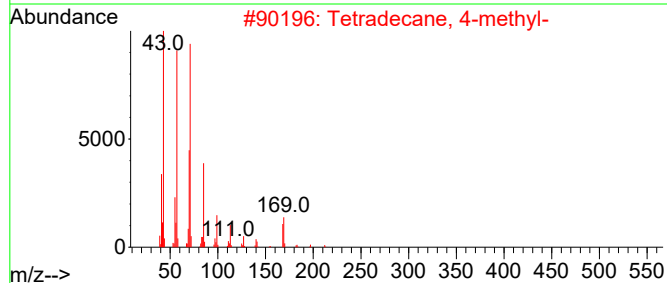
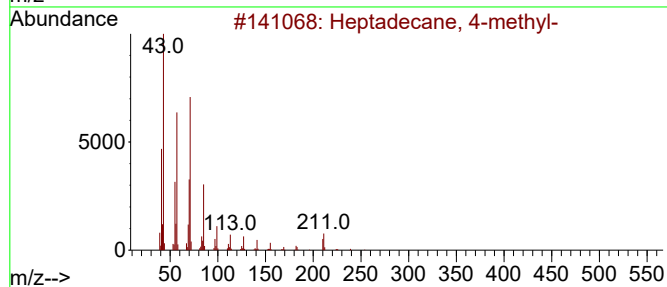
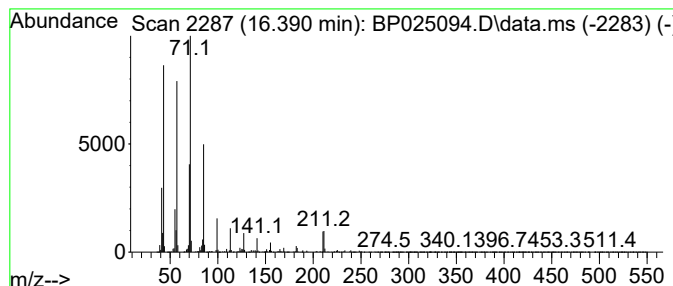
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptadecane, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.390	14.66 ng	4922110	Phenanthrene-d10		16.895	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane, 4-methyl-		254	C18H38	026429-11-8	95
2	Tetradecane, 4-methyl-		212	C15H32	025117-24-2	81
3	Pentadecane, 4-methyl-		226	C16H34	002801-87-8	72
4	Decane, 3,3,8-trimethyl-		184	C13H28	062338-16-3	59
5	Octacosane		394	C28H58	000630-02-4	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025094.D
Acq On : 10 Jul 2025 22:31
Operator : CG/JU
Sample : Q2526-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LAW-25-0102

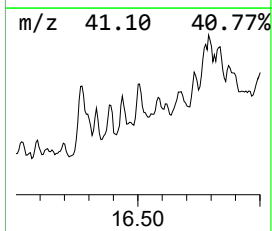
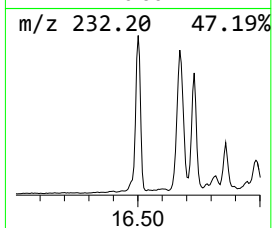
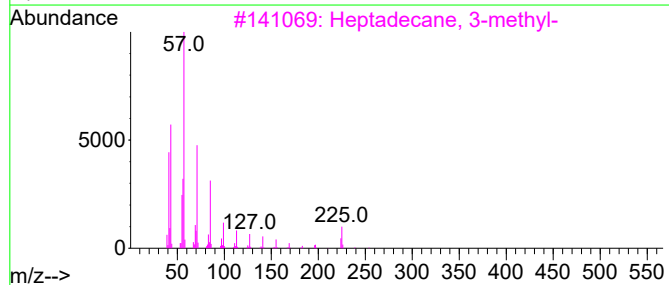
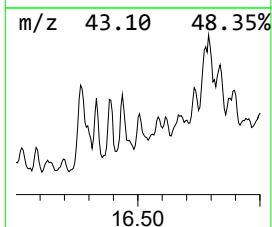
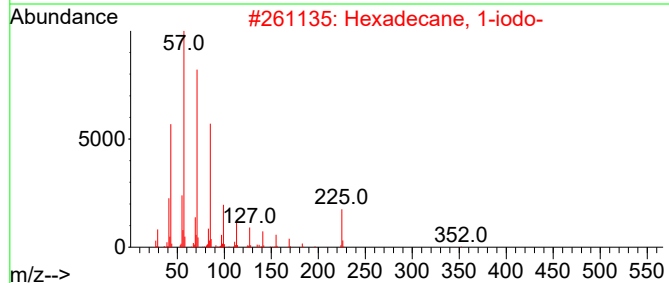
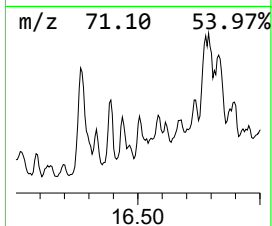
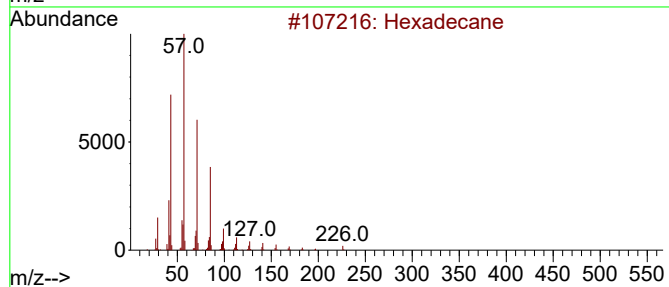
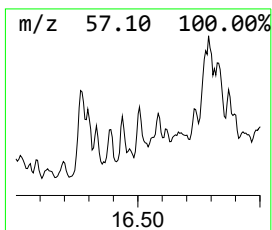
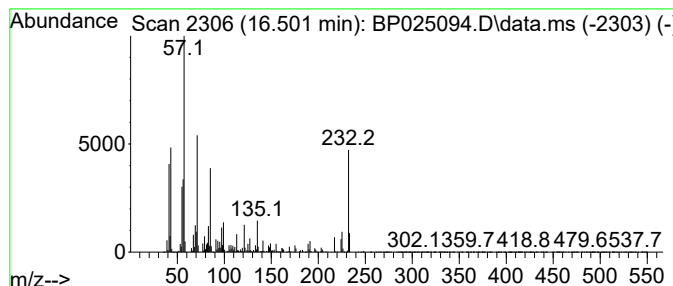
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.501	19.98 ng	6706040	Phenanthrene-d10	16.895

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	64
2			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	55
3			Heptadecane, 3-methyl-	254	C18H38	006418-44-6	53
4			Octadecane, 2-methyl-	268	C19H40	001560-88-9	49
5			Methoxyacetic acid, 4-hexadecyl ...	314	C19H38O3	1000282-99-0	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025094.D
Acq On : 10 Jul 2025 22:31
Operator : CG/JU
Sample : Q2526-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LAW-25-0102

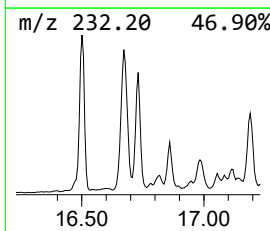
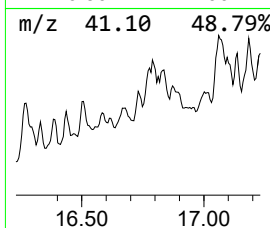
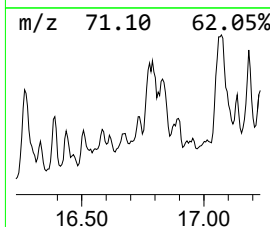
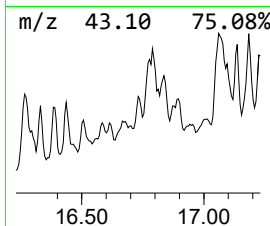
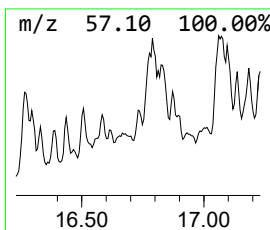
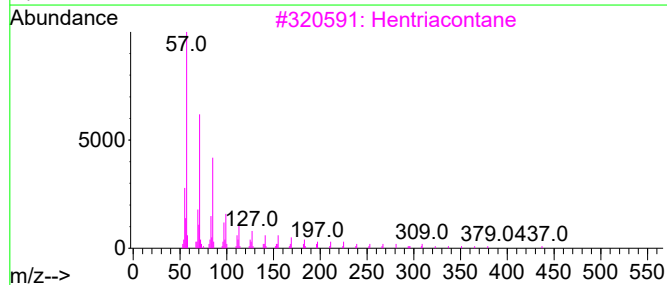
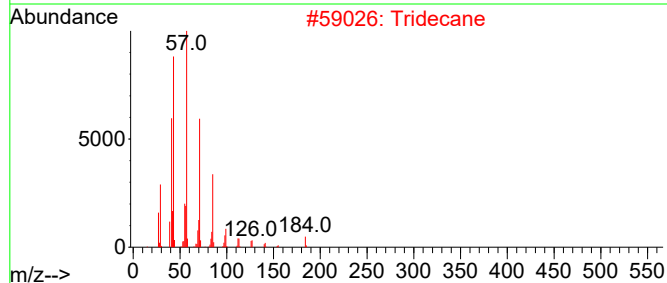
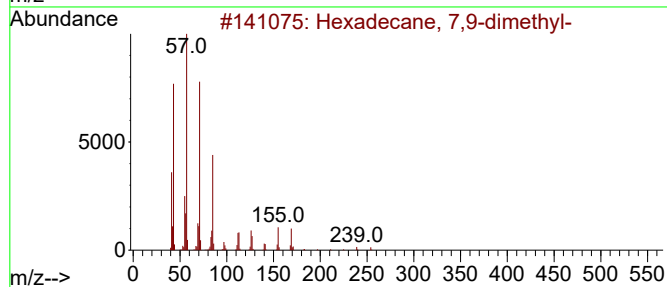
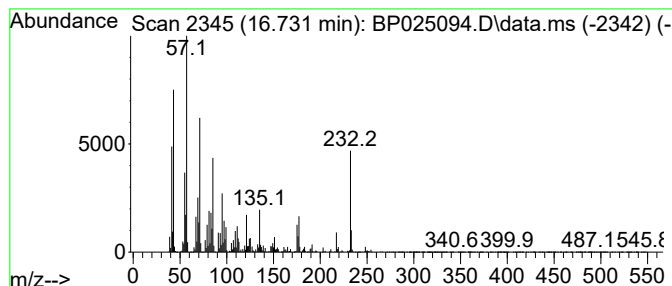
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown16.731 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.731	19.01 ng	6381210	Phenanthrene-d10	16.895

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	38
2			Tridecane	184	C13H28	000629-50-5	38
3			Hentriacontane	437	C31H64	000630-04-6	30
4			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	30
5			Tetradecane	198	C14H30	000629-59-4	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025094.D
Acq On : 10 Jul 2025 22:31
Operator : CG/JU
Sample : Q2526-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LAW-25-0102

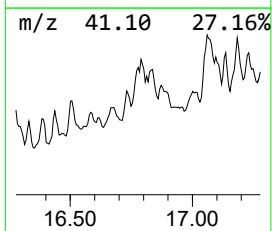
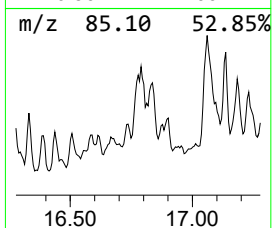
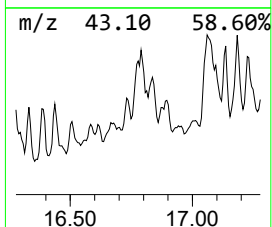
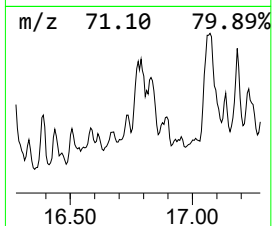
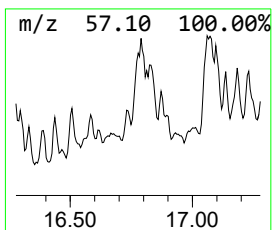
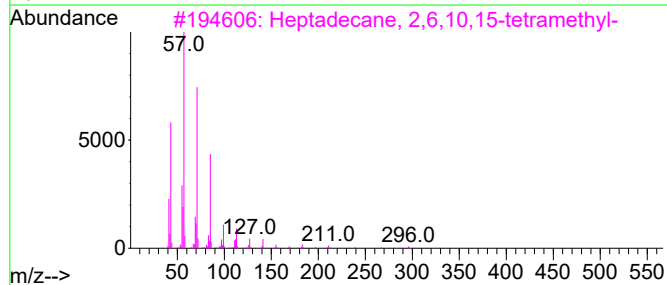
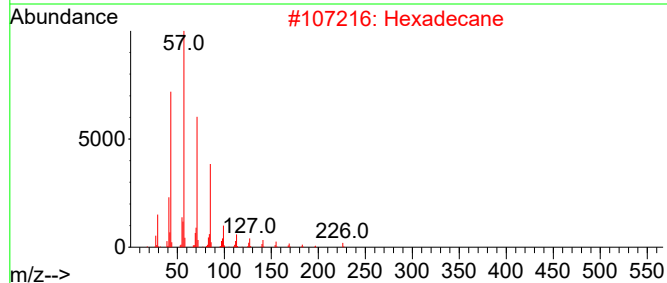
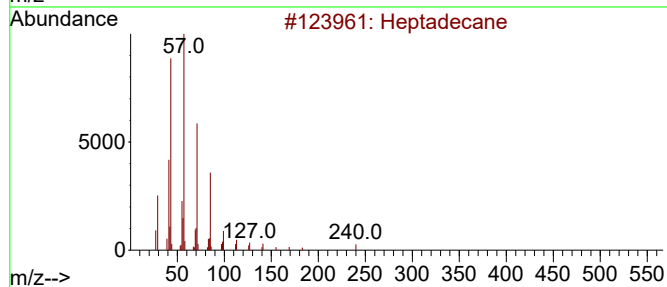
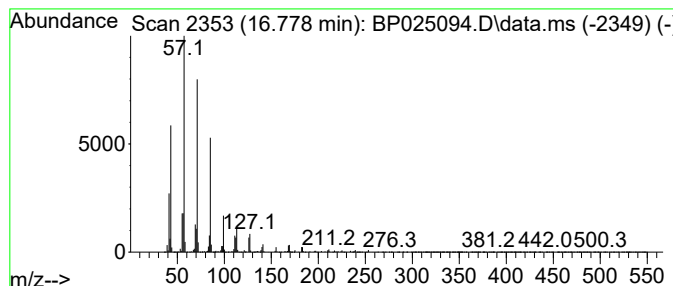
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.778	20.00 ng	6713140	Phenanthrene-d10	16.895

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	93
2			Hexadecane	226	C16H34	000544-76-3	91
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4			Tridecane	184	C13H28	000629-50-5	91
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025094.D
Acq On : 10 Jul 2025 22:31
Operator : CG/JU
Sample : Q2526-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LAW-25-0102

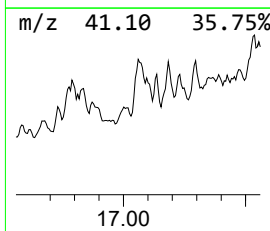
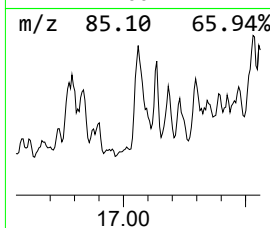
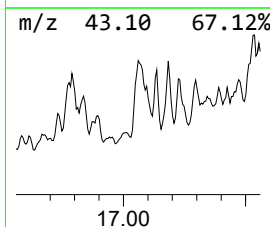
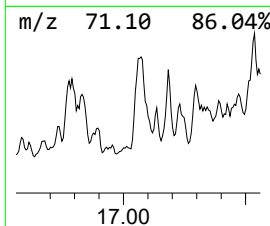
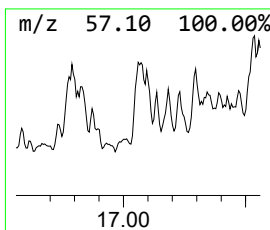
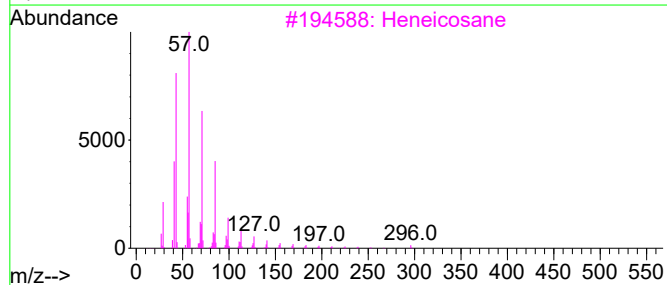
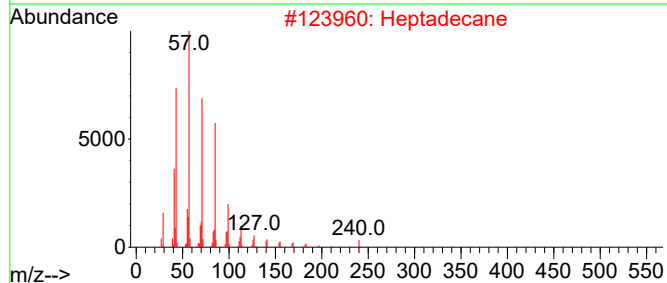
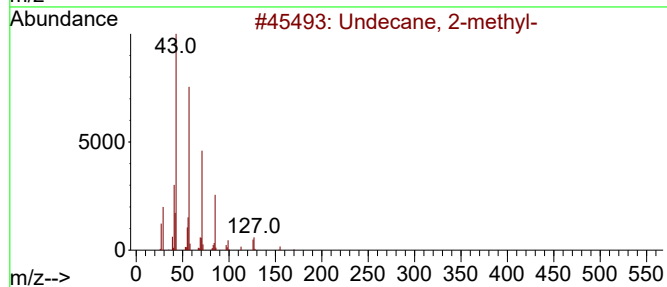
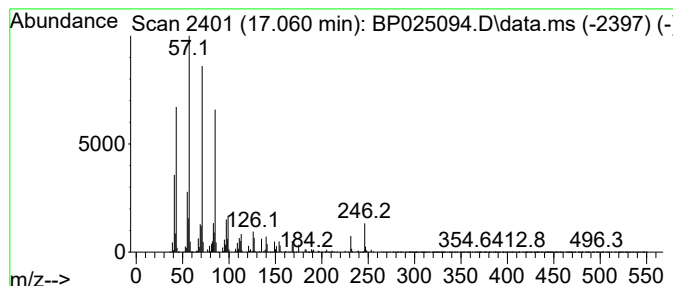
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Undecane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.060	59.63 ng	20014500	Phenanthrene-d10	16.895

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 2-methyl-	170	C12H26	007045-71-8	83
2		Heptadecane	240	C17H36	000629-78-7	83
3		Heneicosane	296	C21H44	000629-94-7	80
4		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	74
5		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
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Sample : Q2526-03
Misc :
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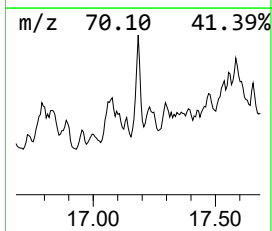
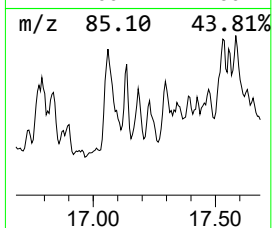
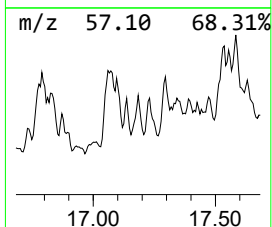
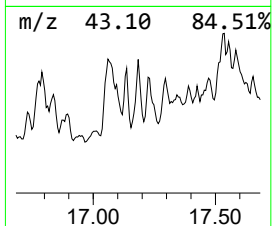
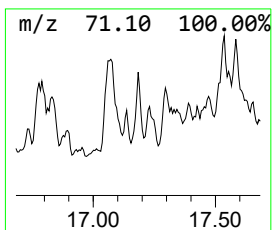
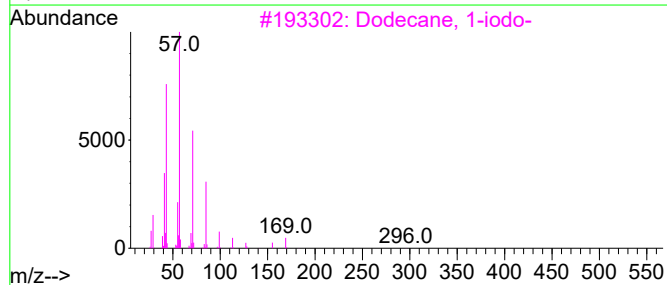
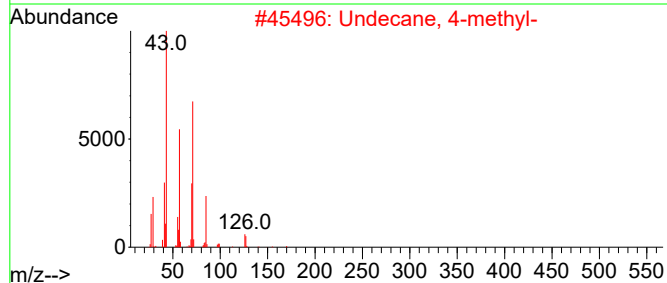
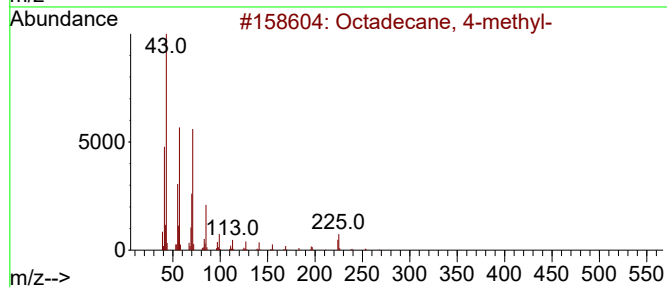
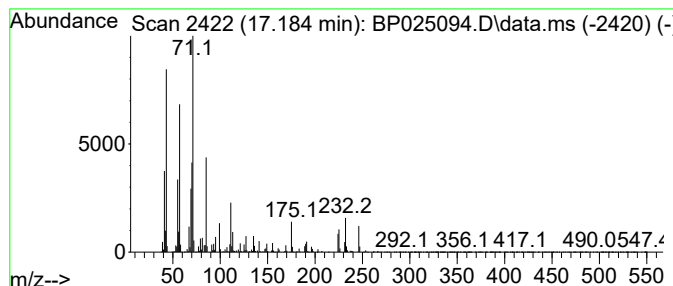
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecane, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.184	19.14 ng	6424140	Phenanthrene-d10		16.895	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane, 4-methyl-		268	C19H40	010544-95-3	64
2	Undecane, 4-methyl-		170	C12H26	002980-69-0	52
3	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	43
4	Heptacosane		380	C27H56	000593-49-7	43
5	Heptadecane, 4-methyl-		254	C18H38	026429-11-8	38



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Data File : BP025094.D
Acq On : 10 Jul 2025 22:31
Operator : CG/JU
Sample : Q2526-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LAW-25-0102

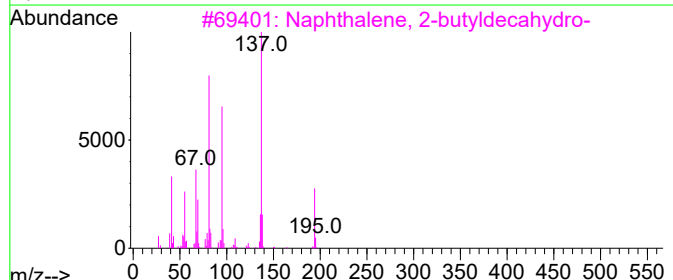
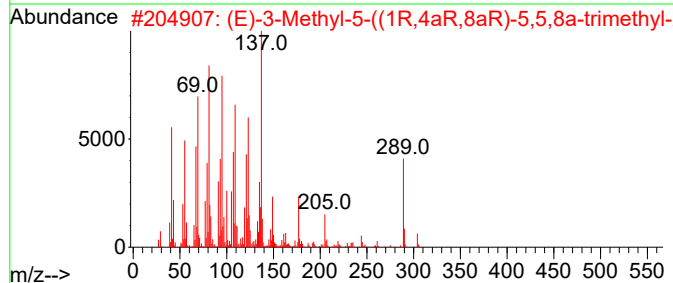
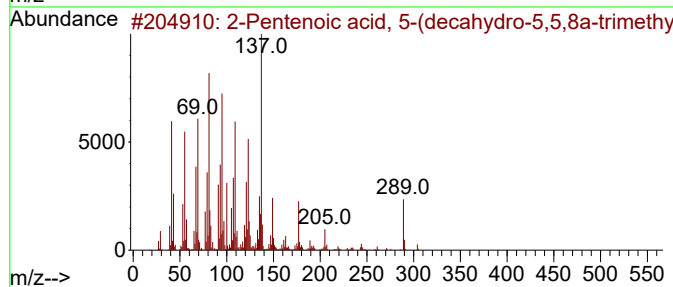
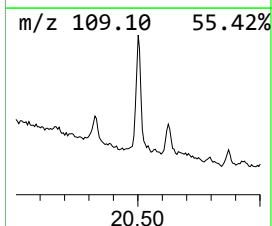
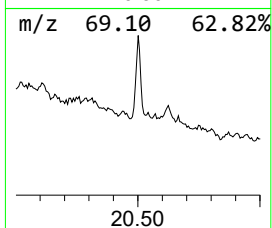
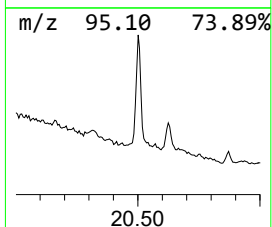
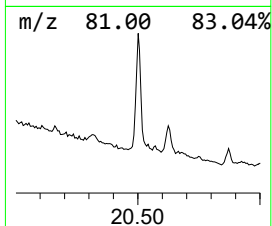
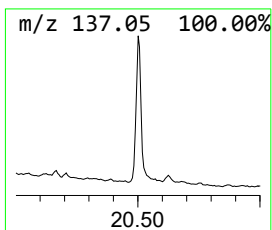
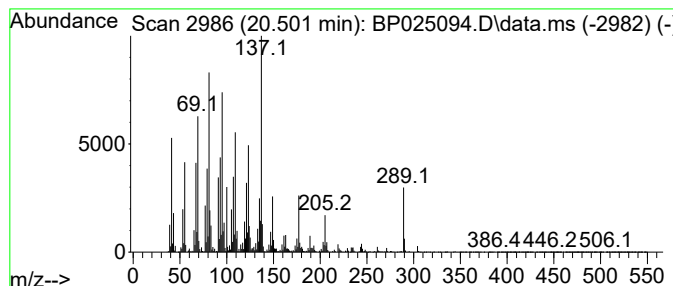
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2-Pentenoic acid, 5-(decahy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.501	35.15 ng	18930100	Chrysene-d12	21.330

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentenoic acid, 5-(decahydro-5...	304	C20H32O2	024470-48-2	99
2			(E)-3-Methyl-5-((1R,4aR,8aR)-5,5...	304	C20H32O2	020257-75-4	94
3			Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	53
4			Naphthalene, 1,1'-methylenebis[d...	288	C21H36	055125-02-5	52
5			trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025094.D
Acq On : 10 Jul 2025 22:31
Operator : CG/JU
Sample : Q2526-03
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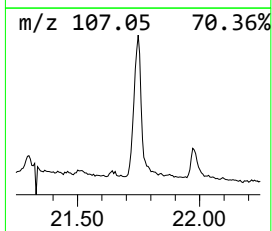
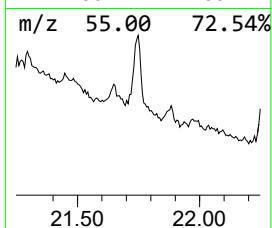
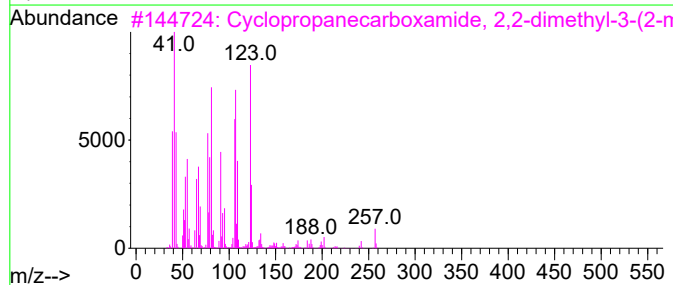
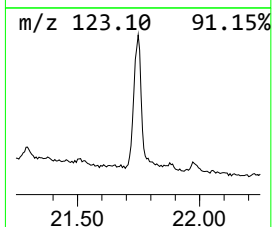
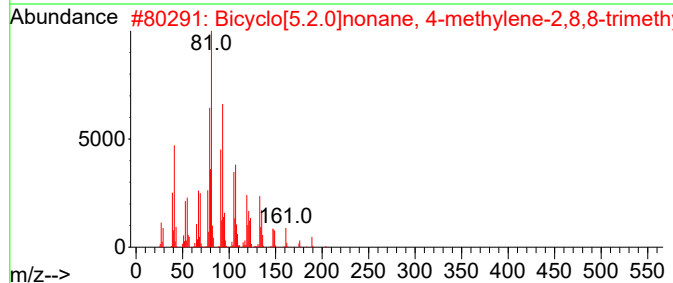
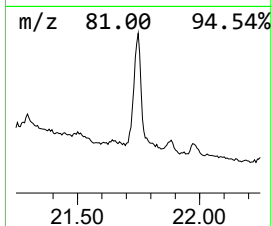
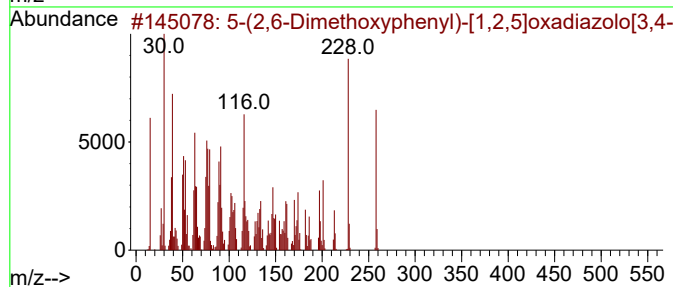
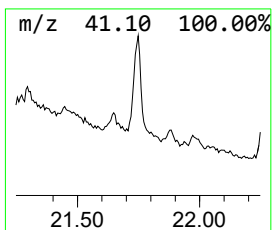
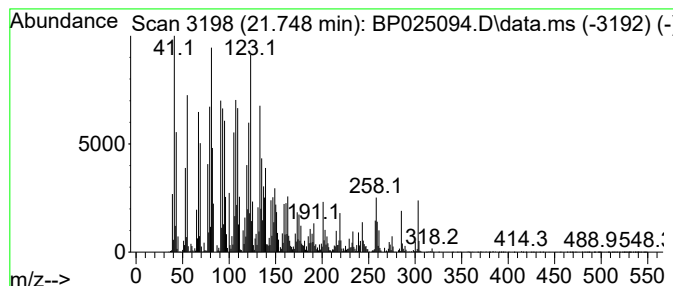
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 5-(2,6-Dimethoxyphenyl)-[1,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.748	26.99 ng	14533200	Chrysene-d12	21.330	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-(2,6-Dimethoxyphenyl)-[1,2,5]o...	258	C12H10N4O3	1000487-13-5	74
2	Bicyclo[5.2.0]nonane, 4-methylen...	204	C15H24	1000159-38-2	50
3	Cyclopropanecarboxamide, 2,2-dim...	257	C17H23NO	339292-32-9	49
4	Thunbergol	290	C20H34O	025269-17-4	46
5	(-)-Neoclovene-(I), dihydro-	206	C15H26	1000152-82-1	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025094.D
Acq On : 10 Jul 2025 22:31
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ClientSampleId :
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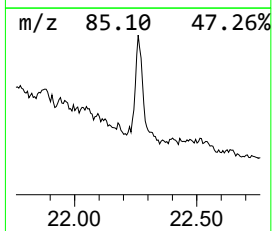
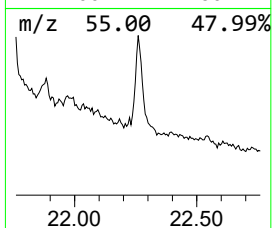
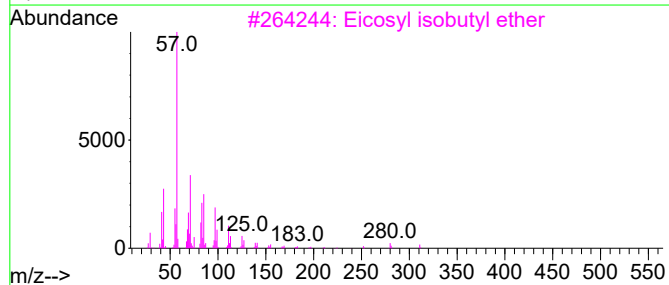
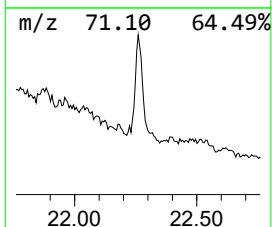
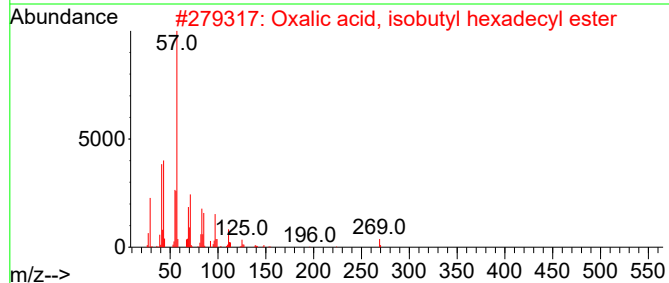
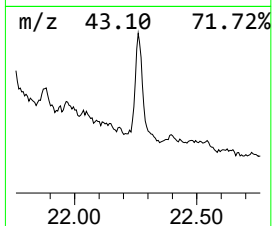
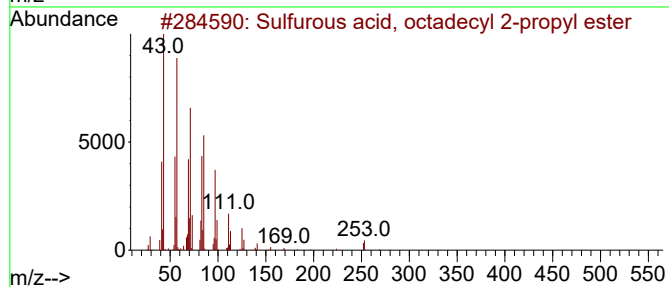
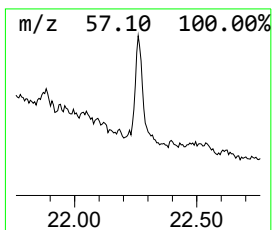
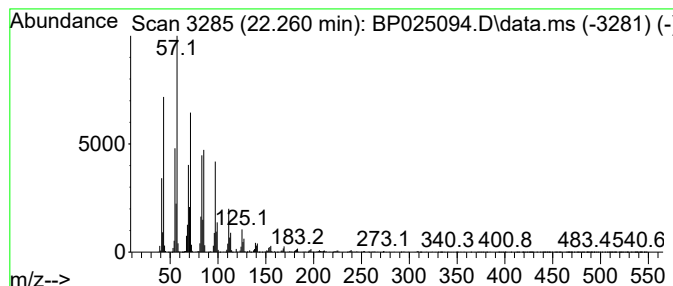
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Sulfurous acid, octadecyl 2... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.260	15.39 ng	8285800	Chrysene-d12	21.330

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	91
2			Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3			Eicosyl isobutyl ether	354	C24H50O	1000406-33-0	87
4			Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	87
5			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025094.D
Acq On : 10 Jul 2025 22:31
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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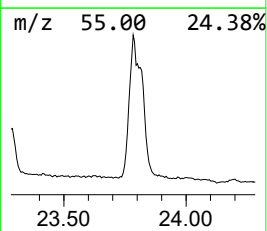
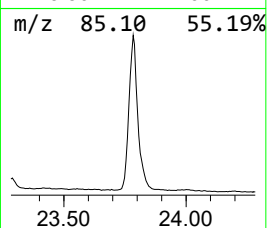
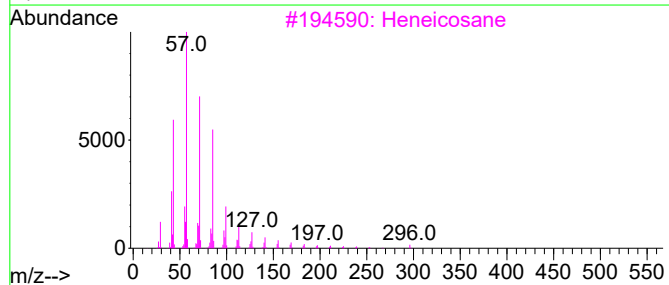
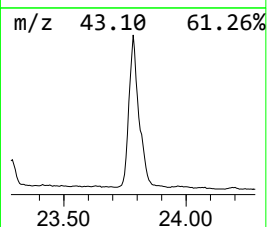
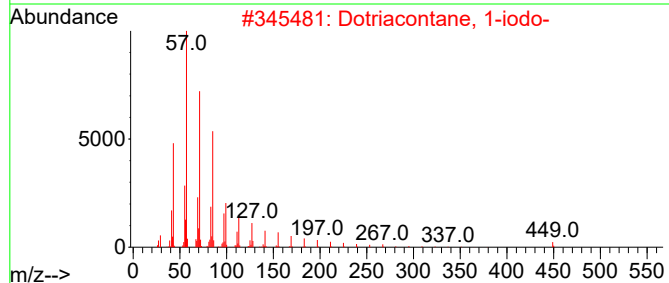
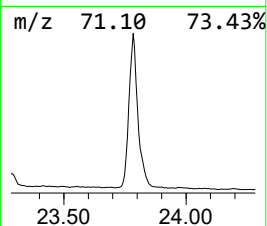
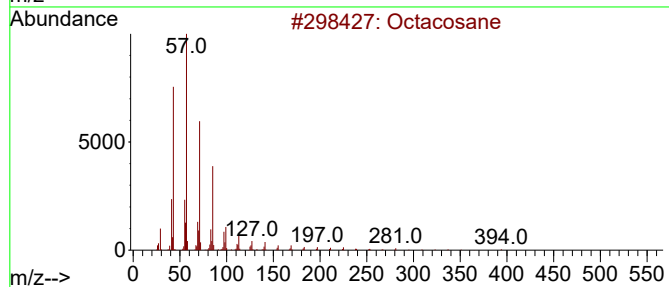
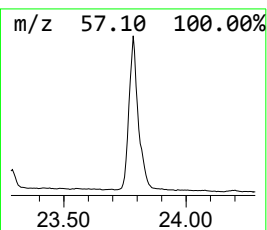
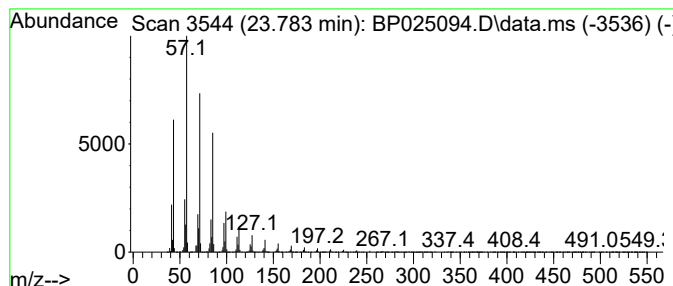
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.783	52.85 ng	27887400	Perylene-d12	24.466

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5			Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025094.D
Acq On : 10 Jul 2025 22:31
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ClientSampleId :
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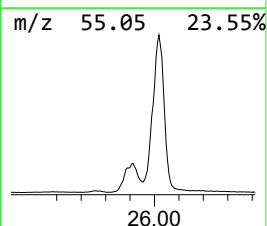
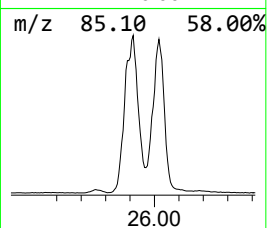
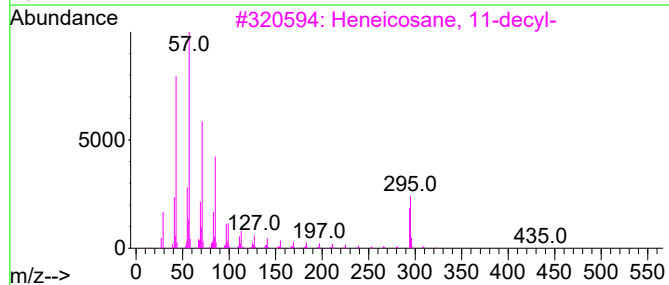
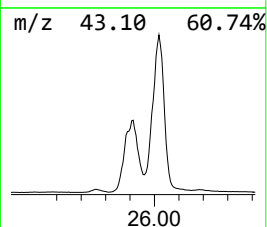
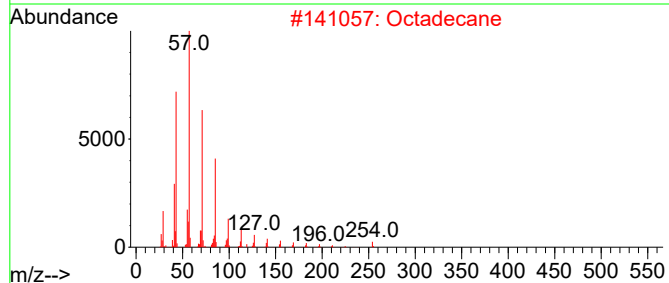
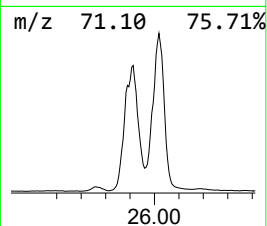
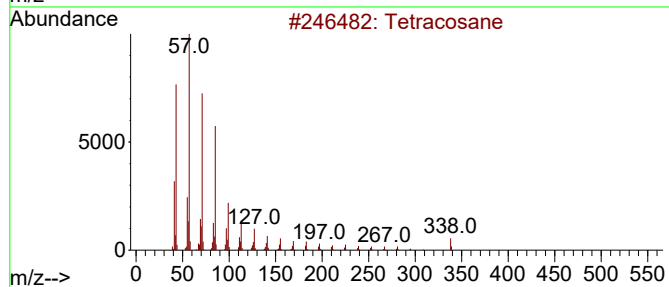
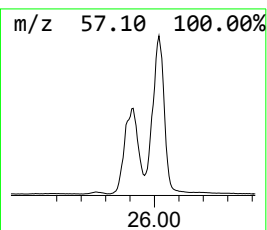
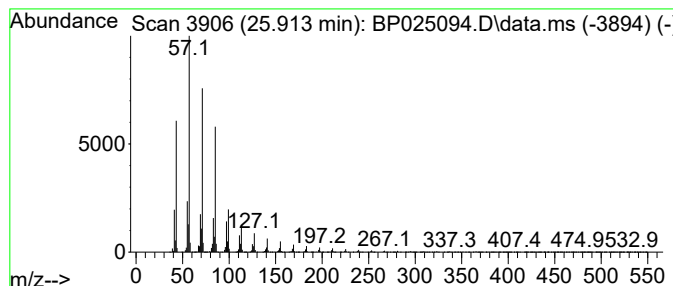
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.913	42.89 ng	22628900	Perylene-d12	24.466

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	98
2		Octadecane	254	C18H38	000593-45-3	95
3		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	95
4		Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025094.D
Acq On : 10 Jul 2025 22:31
Operator : CG/JU
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ClientSampleId :
LAW-25-0102

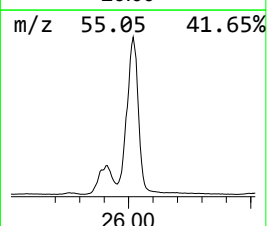
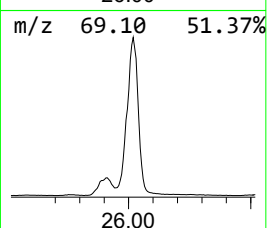
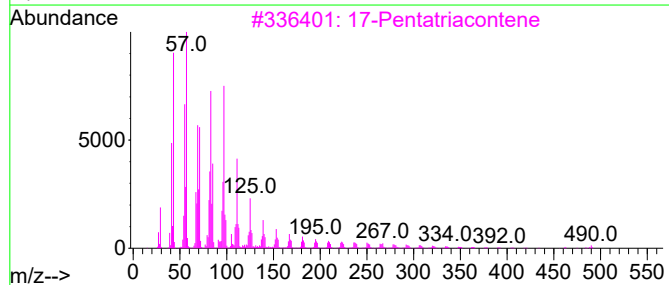
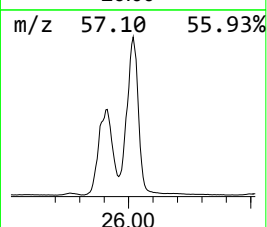
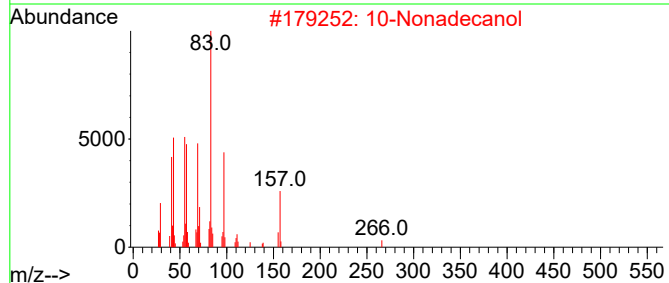
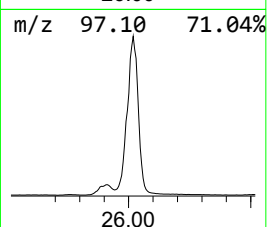
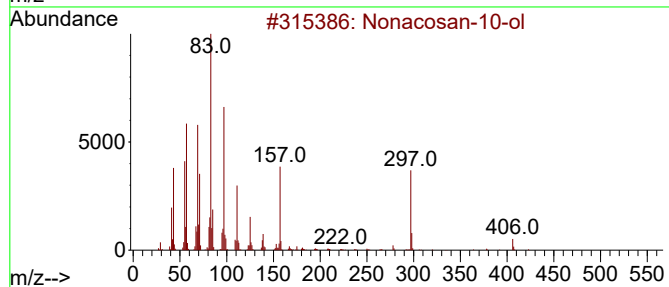
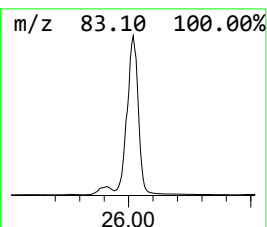
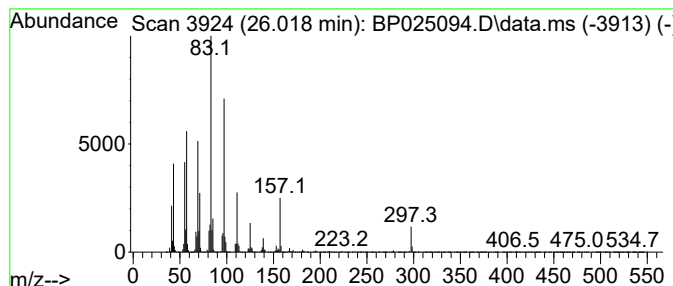
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Nonacosan-10-ol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.018	141.50 ng	74661000	Perylene-d12	24.466

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonacosan-10-ol	424	C29H60O	000504-55-2	91
2		10-Nonadecanol	284	C19H40O	016840-84-9	52
3		17-Pentatriacontene	491	C35H70	006971-40-0	38
4		Undecenyl tiglate, 2E-	252	C16H28O2	1000383-56-5	38
5		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
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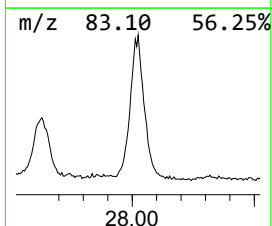
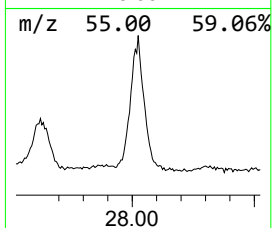
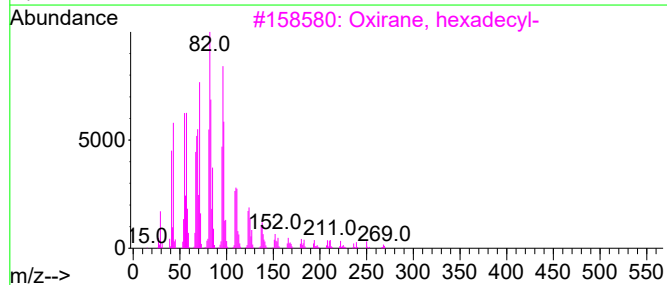
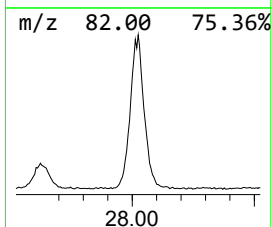
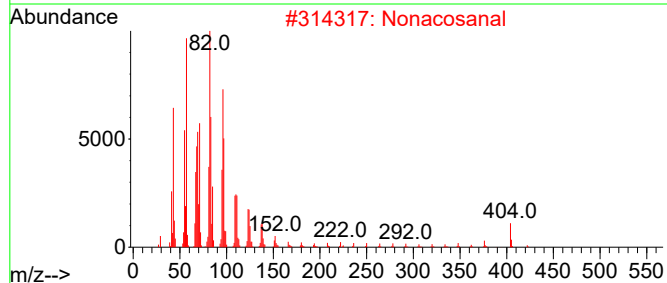
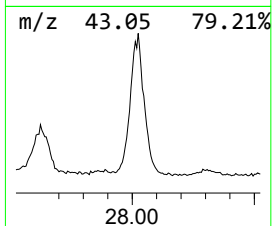
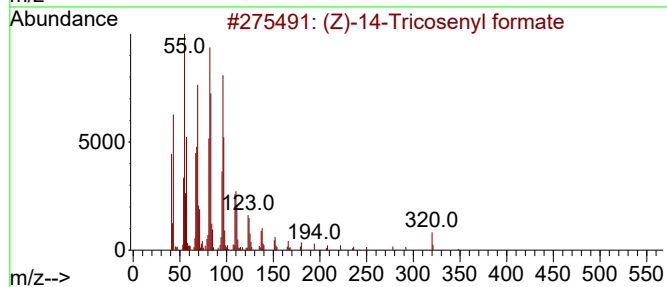
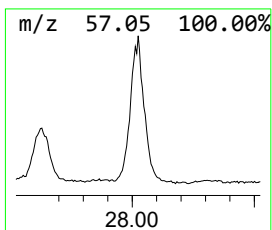
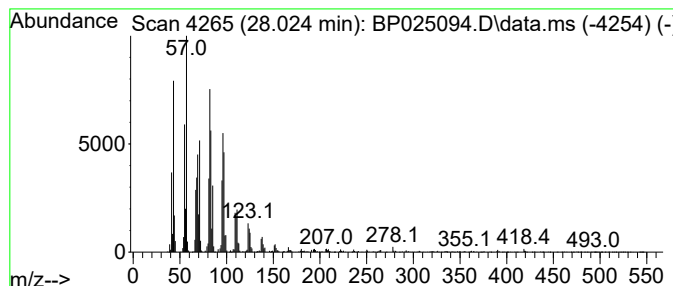
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 (Z)-14-Tricosenyl formate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
28.024	12.87 ng	6791230	Perylene-d12		24.466	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	(Z)-14-Tricosenyl formate		366	C24H46O2	077899-10-6	95
2	Nonacosanal		422	C29H58O	072934-04-4	94
3	Oxirane, hexadecyl-		268	C18H36O	007390-81-0	94
4	Dotriacontanal		464	C32H64O	057878-00-9	91
5	Hexacosanal		380	C26H52O	026627-85-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025094.D
Acq On : 10 Jul 2025 22:31
Operator : CG/JU
Sample : Q2526-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LAW-25-0102

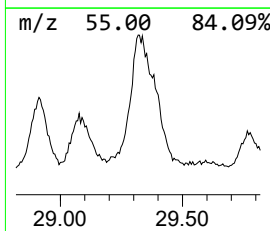
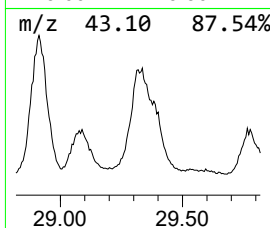
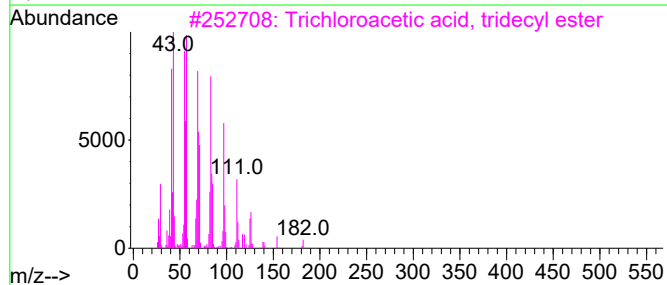
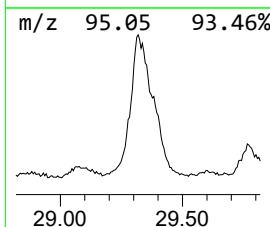
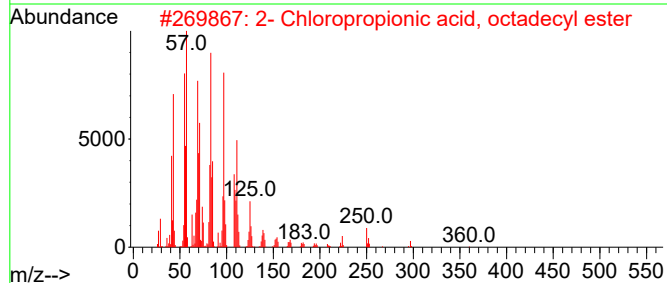
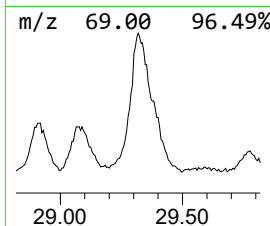
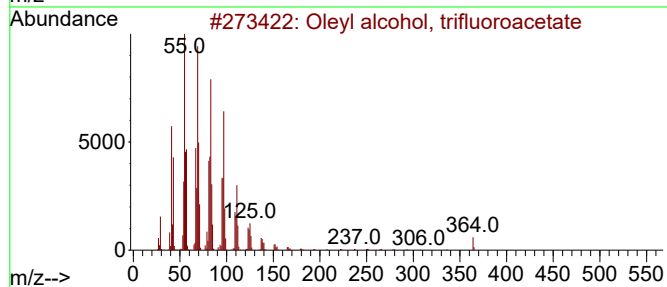
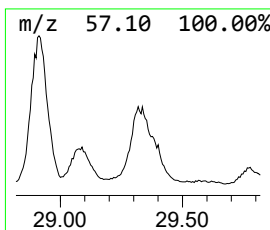
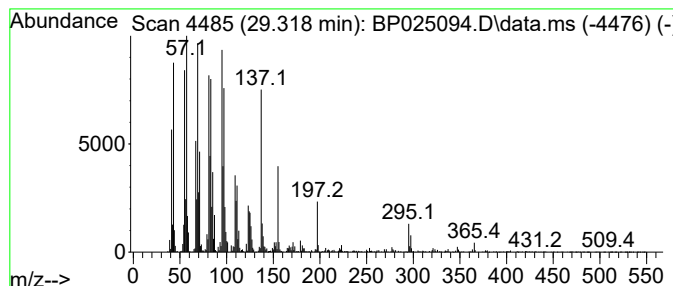
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown29.318 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.318	21.46 ng	11322000	Perylene-d12	24.466

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oleyl alcohol, trifluoroacetate	364	C20H35F3O2	1000352-68-4	45
2			2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	41
3			Trichloroacetic acid, tridecyl e...	344	C15H27Cl3O2	074339-51-8	38
4			Oleyl alcohol, chlorodifluoroace...	380	C20H35ClF2O2	1000447-47-7	38
5			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
 Data File : BP025094.D
 Acq On : 10 Jul 2025 22:31
 Operator : CG/JU
 Sample : Q2526-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LAW-25-0102

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.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
(1S)-2,6,6-Trim...	6.178	35.4	ng	5847610	1	7.443	3302500	20.0
.beta.-Pinene	6.902	16.2	ng	2673800	1	7.443	3302500	20.0
Cyclohexanecarb...	8.902	16.1	ng	3986100	2	10.184	4941610	20.0
Pentadecane	15.960	18.3	ng	6152310	4	16.895	6713140	20.0
Hexadecane	16.272	57.9	ng	19424100	4	16.895	6713140	20.0
Heptadecane, 4-...	16.390	14.7	ng	4922110	4	16.895	6713140	20.0
Hexadecane, 1-i...	16.501	20.0	ng	6706040	4	16.895	6713140	20.0
unknown16.731	16.731	19.0	ng	6381210	4	16.895	6713140	20.0
Heptadecane	16.778	20.0	ng	6713140	4	16.895	6713140	20.0
Undecane, 2-met...	17.060	59.6	ng	20014500	4	16.895	6713140	20.0
Octadecane, 4-m...	17.184	19.1	ng	6424140	4	16.895	6713140	20.0
2-Pentenoic aci...	20.501	35.1	ng	18930100	5	21.330	10770900	20.0
1-Cycloheptene,...	20.625	20.0	ng	10763400	5	21.330	10770900	20.0
5-(2,6-Dimethox...	21.748	27.0	ng	14533200	5	21.330	10770900	20.0
Sulfurous acid,...	22.260	15.4	ng	8285800	5	21.330	10770900	20.0
Octacosane	23.783	52.9	ng	27887400	6	24.466	10553100	20.0
Tetracosane	25.913	42.9	ng	22628900	6	24.466	10553100	20.0
Nonacosan-10-ol	26.018	141.5	ng	74661000	6	24.466	10553100	20.0
(Z)-14-Tricosen...	28.024	12.9	ng	6791230	6	24.466	10553100	20.0
unknown29.318	29.318	21.5	ng	11322000	6	24.466	10553100	20.0