

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025509.D
 Acq On : 20 Aug 2025 15:34
 Operator : CG/JU
 Sample : Q2865-02 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ARS10-0047

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: BP025509.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.043	13	18	27	rVB	152233	216729	9.20%	1.035%
2	3.325	61	66	72	rBV2	26581	52142	2.21%	0.249%
3	4.943	337	341	349	rVB	38358	56802	2.41%	0.271%
4	5.402	412	419	426	rBV	348713	521272	22.13%	2.490%
5	6.960	676	684	693	rBV	358054	598896	25.43%	2.861%
6	7.784	816	824	831	rBV	610106	991130	42.08%	4.735%
7	8.919	1011	1017	1024	rBV	225789	377679	16.04%	1.804%
8	10.413	1266	1271	1277	rVB2	32434	52476	2.23%	0.251%
9	10.548	1286	1294	1303	rBV	722697	1283067	54.48%	6.129%
10	12.307	1584	1593	1602	rBV4	26496	90027	3.82%	0.430%
11	13.013	1706	1713	1719	rVB	547308	789684	33.53%	3.772%
12	13.889	1859	1862	1866	rBV2	45358	63088	2.68%	0.301%
13	14.237	1918	1921	1929	rVB6	48733	81913	3.48%	0.391%
14	14.401	1941	1949	1955	rBV	1071885	1714873	72.81%	8.192%
15	14.460	1956	1959	1966	rVB	57436	86324	3.67%	0.412%
16	15.207	2083	2086	2094	rVB5	55557	97385	4.13%	0.465%
17	15.460	2126	2129	2133	rBV	112544	154029	6.54%	0.736%
18	15.695	2165	2169	2174	rVB2	108743	181912	7.72%	0.869%
19	15.907	2200	2205	2212	rBV	414175	649434	27.57%	3.102%
20	16.178	2248	2251	2256	rVB	288699	387242	16.44%	1.850%
21	16.489	2301	2304	2307	rBV	132797	154552	6.56%	0.738%
22	16.742	2345	2347	2351	rBV	98607	113320	4.81%	0.541%
23	17.195	2420	2424	2428	rBV	1120393	1680772	71.36%	8.029%
24	17.236	2428	2431	2437	rVB	996814	1270222	53.93%	6.068%
25	17.330	2444	2447	2452	rVB	228066	293134	12.45%	1.400%
26	18.142	2582	2585	2591	rBV3	636159	919339	39.03%	4.392%
27	19.324	2782	2786	2793	rVB	1583451	2259220	95.92%	10.792%
28	19.395	2794	2798	2803	rVV	1597410	1892154	80.34%	9.039%
29	19.466	2808	2810	2815	rVB2	393785	456015	19.36%	2.178%
30	19.701	2846	2850	2853	rBV	823713	1093210	46.42%	5.222%
31	21.571	3164	3168	3174	rBV	1408547	2355210	100.00%	11.251%

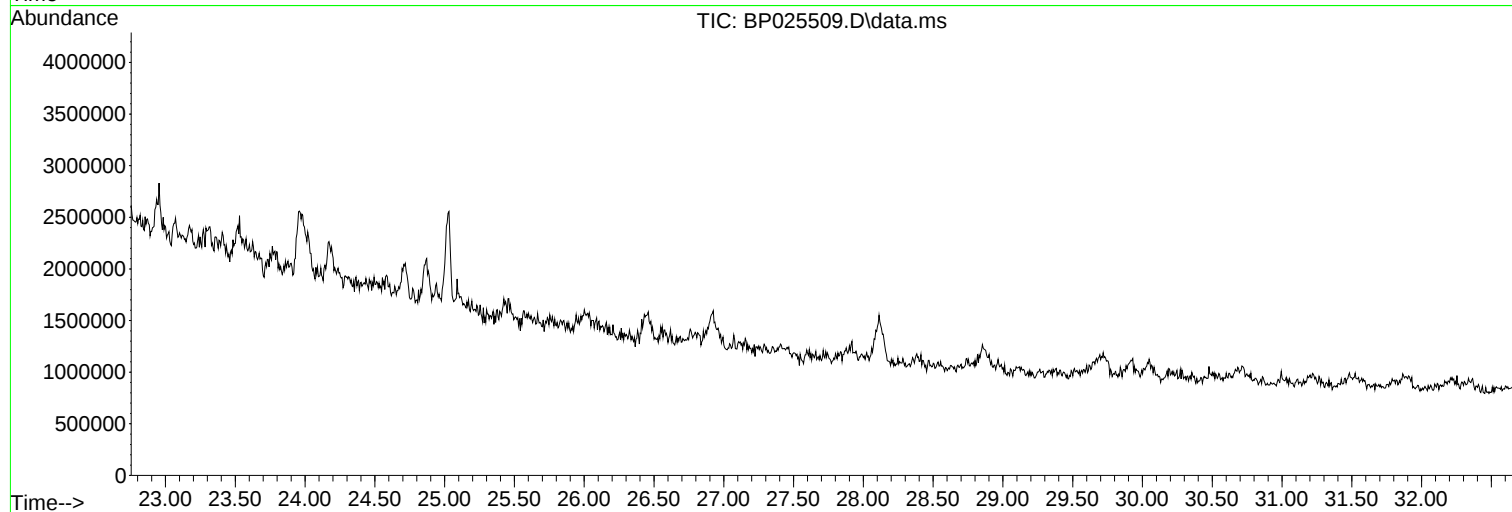
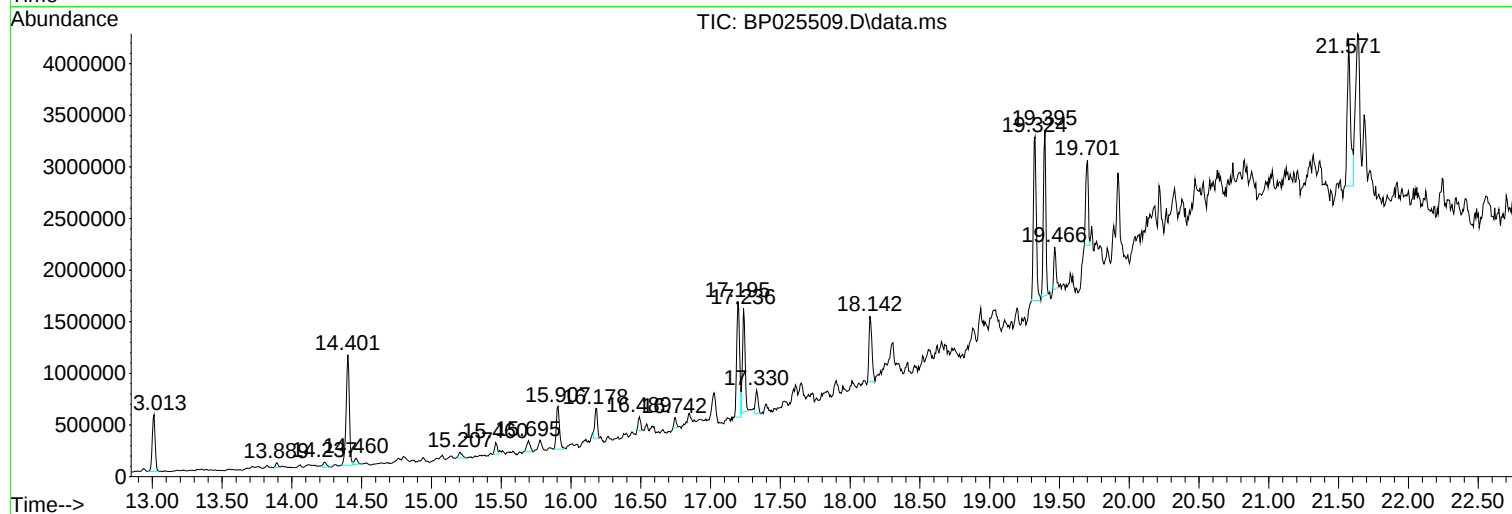
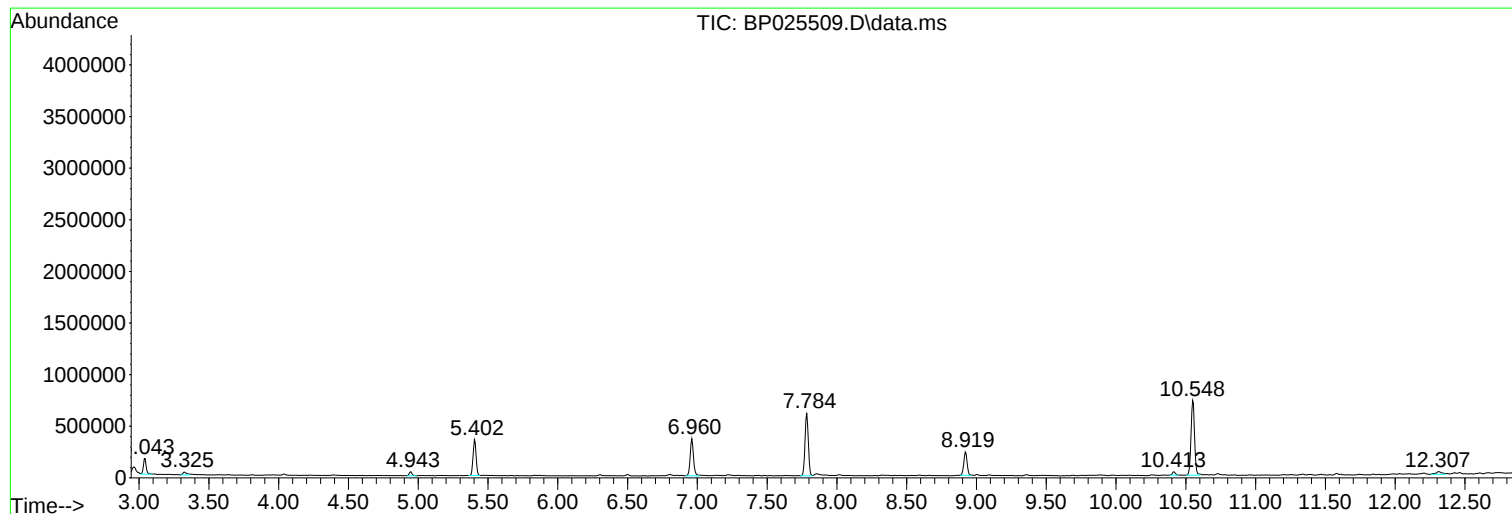
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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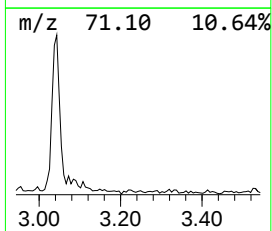
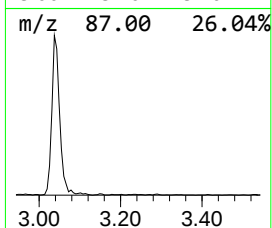
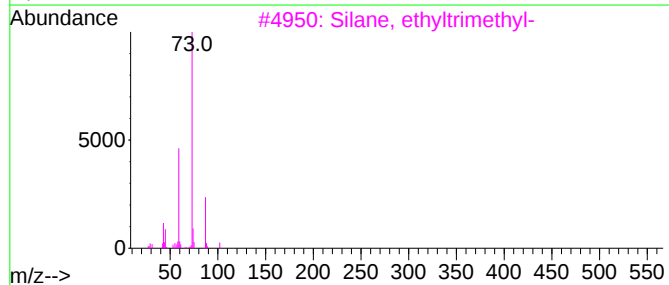
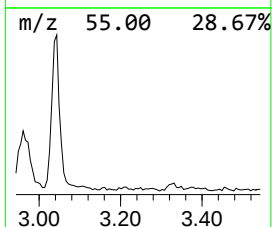
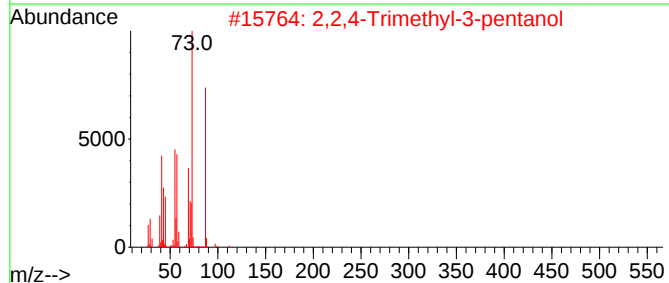
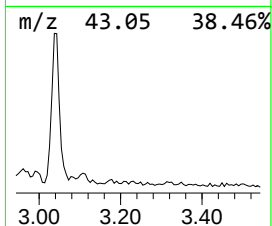
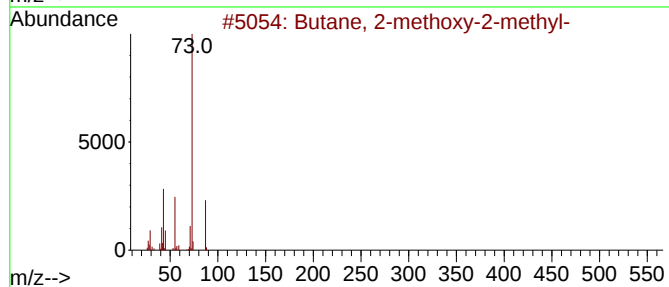
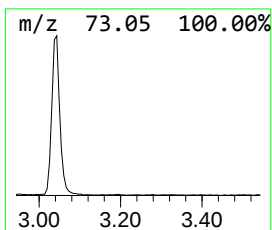
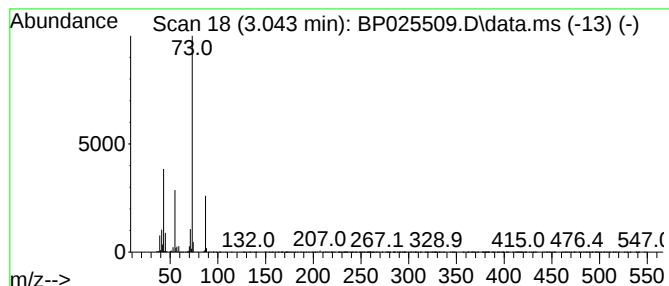
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.043	4.37 ng	216729	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			Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	23
5			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23



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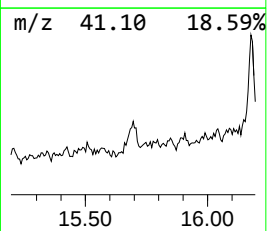
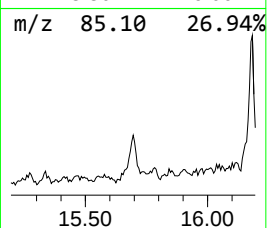
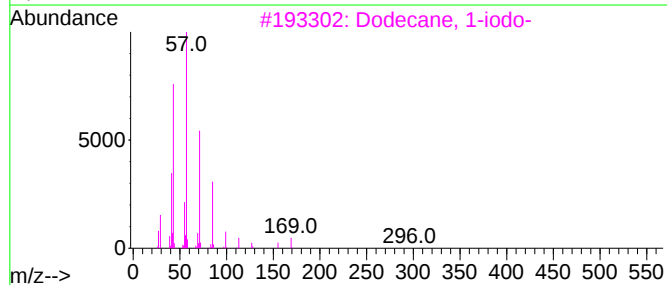
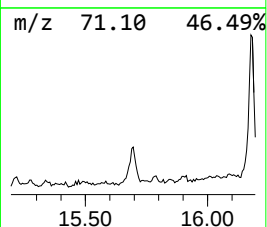
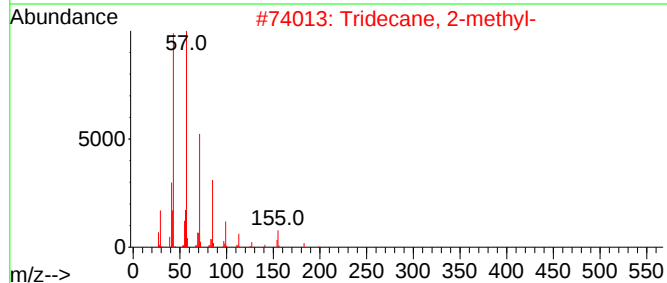
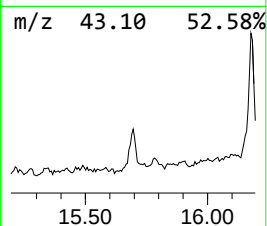
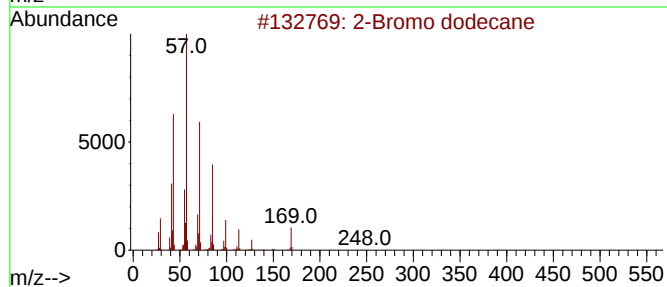
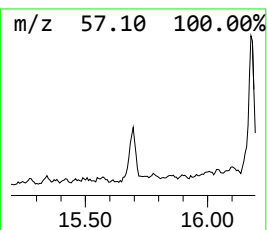
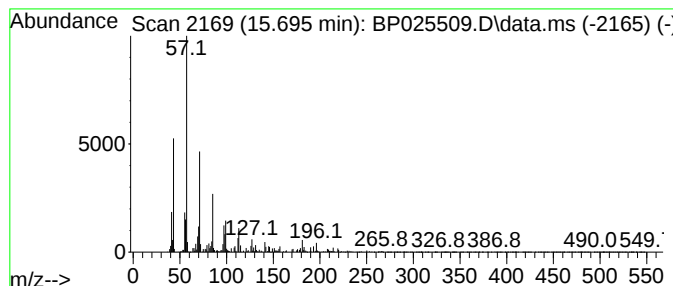
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Bromo dodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.695	2.12 ng	181912	Acenaphthene-d10	14.401

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Bromo dodecane	248	C12H25Br	013187-99-0	81
2			Tridecane, 2-methyl-	198	C14H30	001560-96-9	81
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	70
4			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	70
5			Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	68



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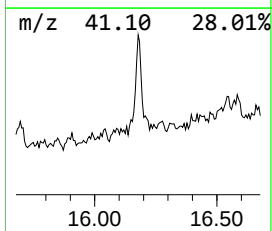
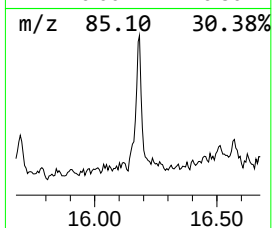
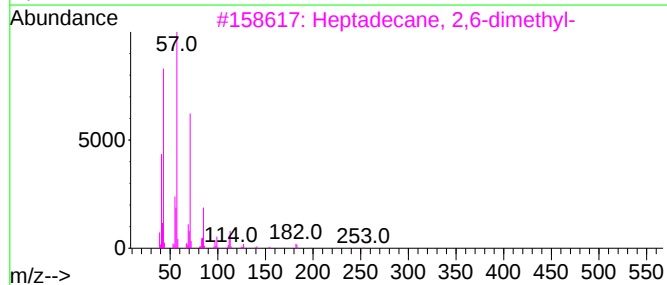
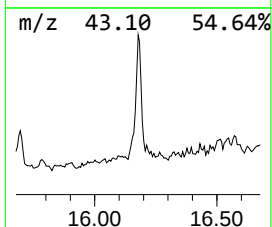
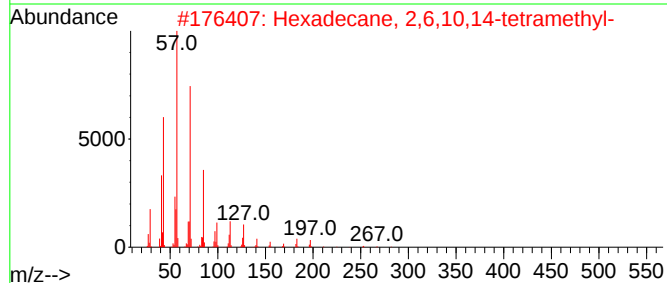
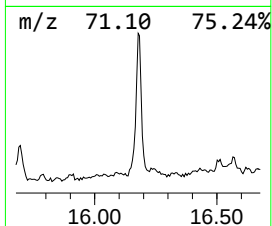
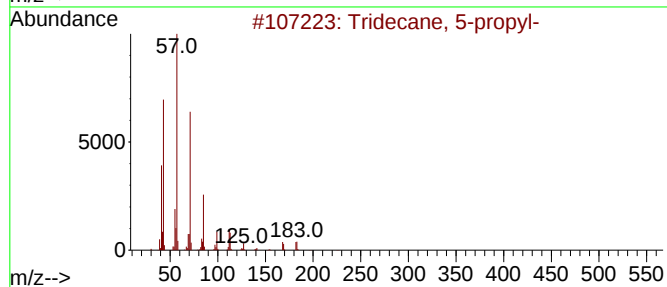
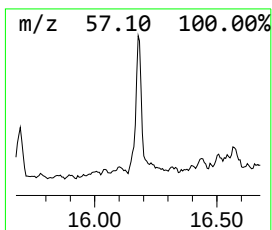
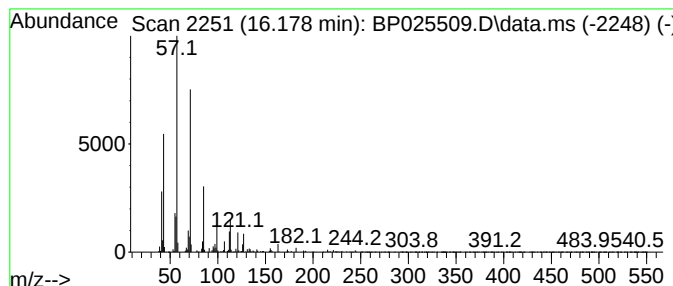
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Tridecane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.178	4.61 ng	387242	Phenanthrene-d10	17.195

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
3			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	76
4			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
5			Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	72



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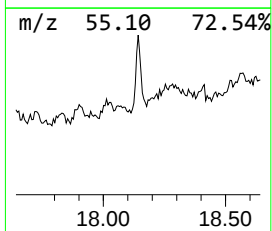
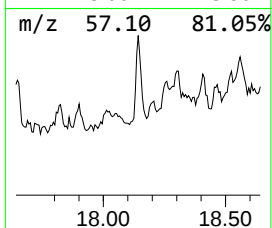
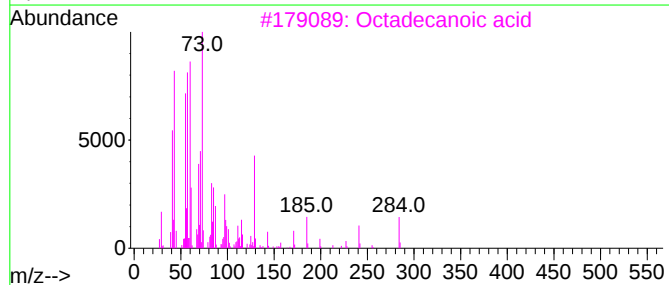
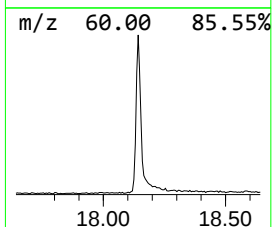
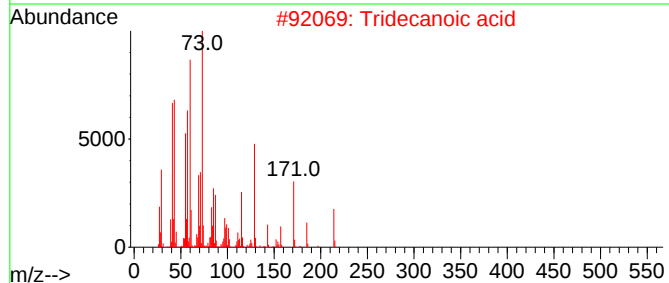
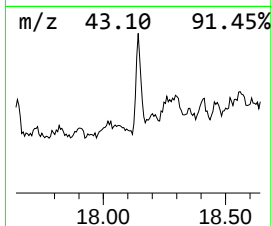
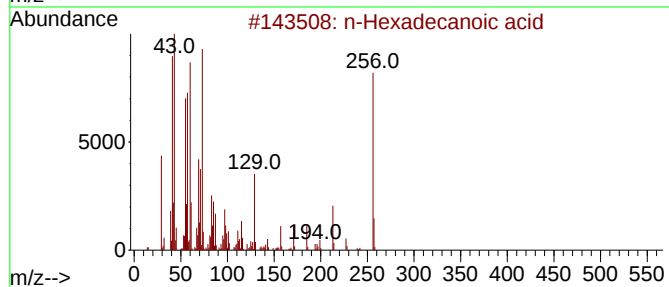
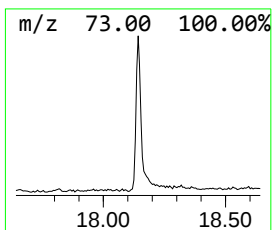
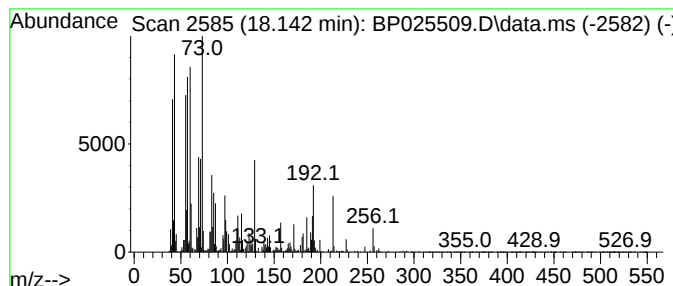
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.142	10.94 ng	919339	Phenanthrene-d10		17.195	
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	93
3	Octadecanoic acid		284	C18H36O2	000057-11-4	83
4	Undecanoic acid		186	C11H22O2	000112-37-8	74
5	Pentadecanoic acid		242	C15H30O2	001002-84-2	74



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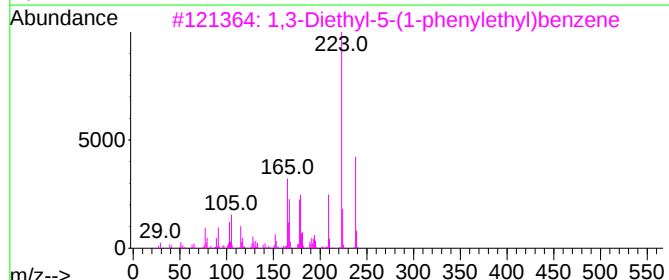
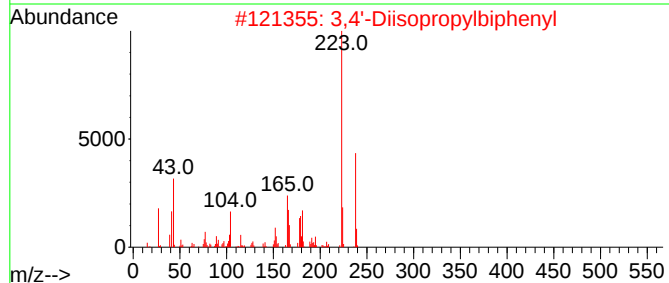
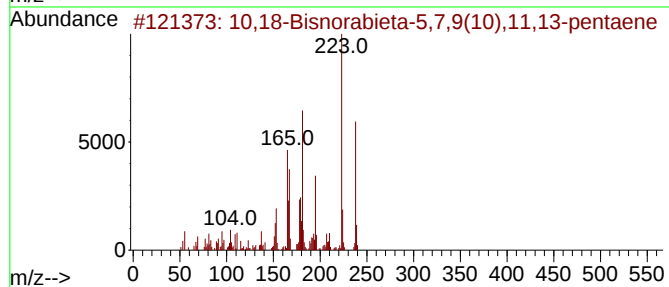
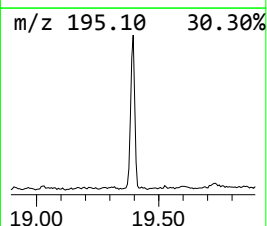
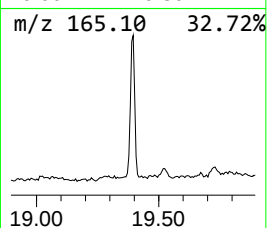
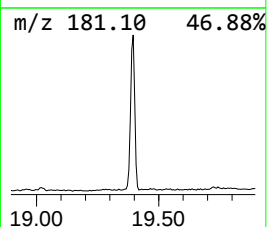
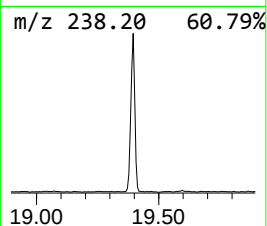
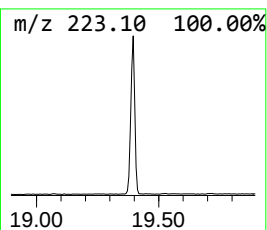
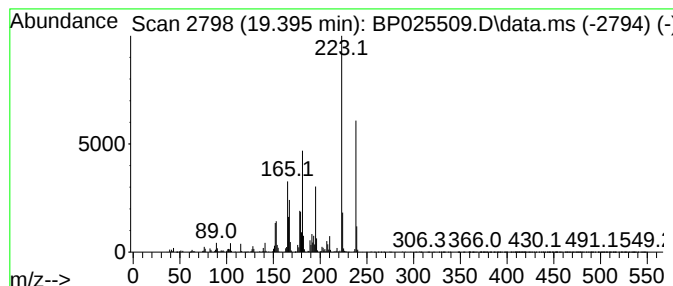
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Peak Number 5 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.395	22.52 ng	1892150	Phenanthrene-d10	17.195	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	76
3	1,3-Diethyl-5-(1-phenylethyl)ben...	238	C18H22	1000482-32-6	70
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60
5	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	53



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ClientSampleId :
ARS10-0047

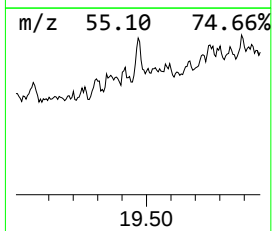
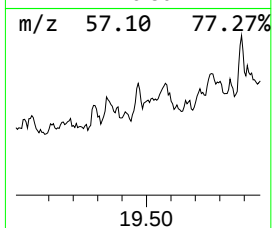
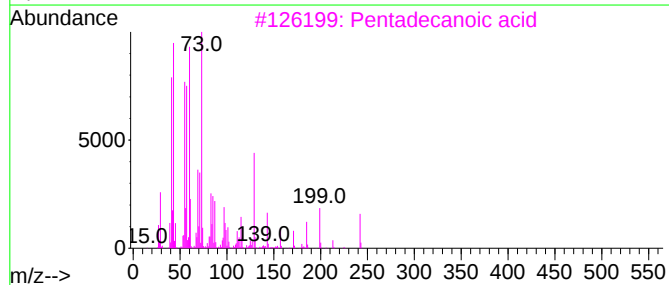
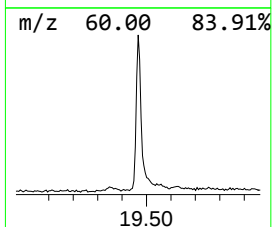
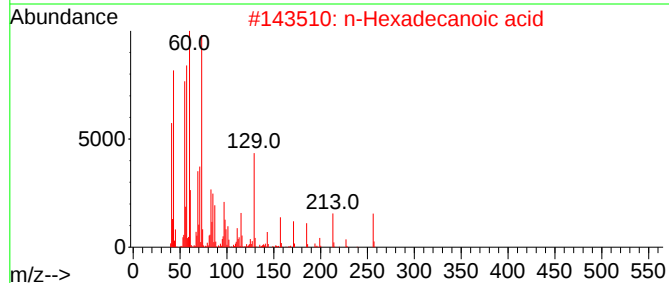
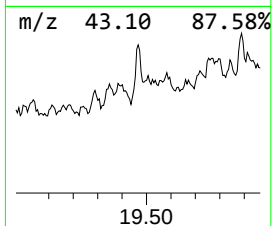
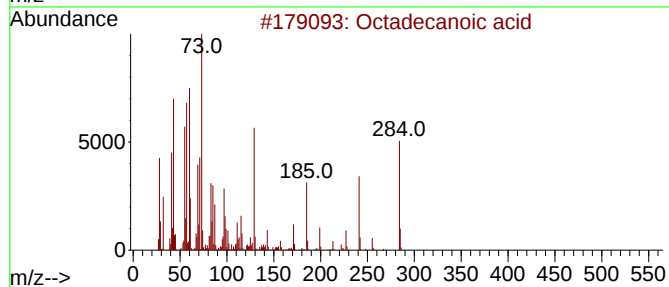
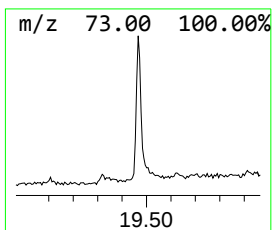
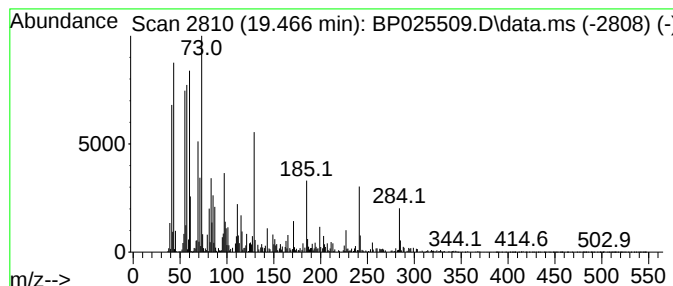
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.466	3.87 ng	456015	Chrysene-d12	21.642

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	97
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5			n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025509.D
Acq On : 20 Aug 2025 15:34
Operator : CG/JU
Sample : Q2865-02 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ARS10-0047

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.043	4.4	ng	216729	1	7.784	991130	20.0
2-Bromo dodecane	15.695	2.1	ng	181912	3	14.401	1714870	20.0
Tridecane, 5-pr...	16.178	4.6	ng	387242	4	17.195	1680770	20.0
n-Hexadecanoic ...	18.142	10.9	ng	919339	4	17.195	1680770	20.0
10,18-Bisnorabi...	19.395	22.5	ng	1892150	4	17.195	1680770	20.0
Octadecanoic acid	19.466	3.9	ng	456015	5	21.642	2355210	20.0