

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
 Data File : BP024968.D
 Acq On : 16 Jun 2025 19:46
 Operator : RC/JU
 Sample : Q2324-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HD-01-6132025

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-BP060625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024968.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.778	305	313	322	rBV	159994	244165	3.73%	0.395%
2	5.243	386	392	408	rBV	1554923	2547874	38.93%	4.124%
3	6.825	654	661	685	rBV	1380495	2676618	40.89%	4.332%
4	7.613	785	795	803	rBV	1130965	1852730	28.31%	2.999%
5	8.760	983	990	1010	rBV	936373	1750377	26.74%	2.833%
6	10.384	1253	1266	1280	rBV	1439247	2684963	41.02%	4.346%
7	12.860	1680	1687	1697	rBV	2477583	4077030	62.29%	6.599%
8	13.731	1828	1835	1838	rBV4	41925	88464	1.35%	0.143%
9	13.978	1872	1877	1885	rBV	118488	194145	2.97%	0.314%
10	14.154	1901	1907	1912	rBV4	51516	94296	1.44%	0.153%
11	14.254	1918	1924	1931	rBV	2200428	3363982	51.40%	5.445%
12	14.325	1931	1936	1942	rVB	93101	154001	2.35%	0.249%
13	14.666	1990	1994	1999	rVB	95361	134217	2.05%	0.217%
14	15.325	2101	2106	2118	rBV	244962	391843	5.99%	0.634%
15	15.542	2138	2143	2147	rBV3	72038	116554	1.78%	0.189%
16	15.642	2154	2160	2166	rBV2	358899	552635	8.44%	0.894%
17	15.784	2178	2184	2196	rBV	1890220	3161803	48.31%	5.118%
18	16.025	2218	2225	2231	rVB5	111091	262726	4.01%	0.425%
19	16.872	2365	2369	2380	rVB	204079	308762	4.72%	0.500%
20	17.066	2396	2402	2405	rBV2	2494912	3792775	57.95%	6.139%
21	17.107	2405	2409	2414	rVB	1688891	2243077	34.27%	3.631%
22	17.195	2420	2424	2430	rVB	522467	737481	11.27%	1.194%
23	17.495	2468	2475	2483	rBV	115742	294763	4.50%	0.477%
24	17.960	2551	2554	2557	rBV	194077	288644	4.41%	0.467%
25	18.001	2557	2561	2572	rVB2	768243	1423178	21.74%	2.304%
26	18.095	2574	2577	2583	rVB	156101	220543	3.37%	0.357%
27	18.160	2583	2588	2592	rBV2	492527	854455	13.05%	1.383%
28	18.489	2640	2644	2648	rBV	131634	182615	2.79%	0.296%
29	18.919	2713	2717	2720	rBV	215840	328410	5.02%	0.532%
30	19.195	2758	2764	2769	rBV	2760379	4546036	69.46%	7.358%
31	19.436	2803	2805	2809	rBV2	145900	214426	3.28%	0.347%
32	19.572	2819	2828	2834	rBV	2564665	4561899	69.70%	7.384%
33	19.783	2859	2864	2869	rBV	4762619	5648641	86.30%	9.143%
34	21.154	3094	3097	3103	rBV2	603758	931125	14.23%	1.507%
35	21.489	3147	3154	3159	rBV2	3047724	6545278	100.00%	10.594%
36	21.542	3160	3163	3170	rVB	1122421	1541603	23.55%	2.495%

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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-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	24.607	3680	3684	3685	rBV	669938	877059	13.40%	1.420%
38	24.760	3705	3710	3711	rBV	1428802	1892564	28.91%	3.063%

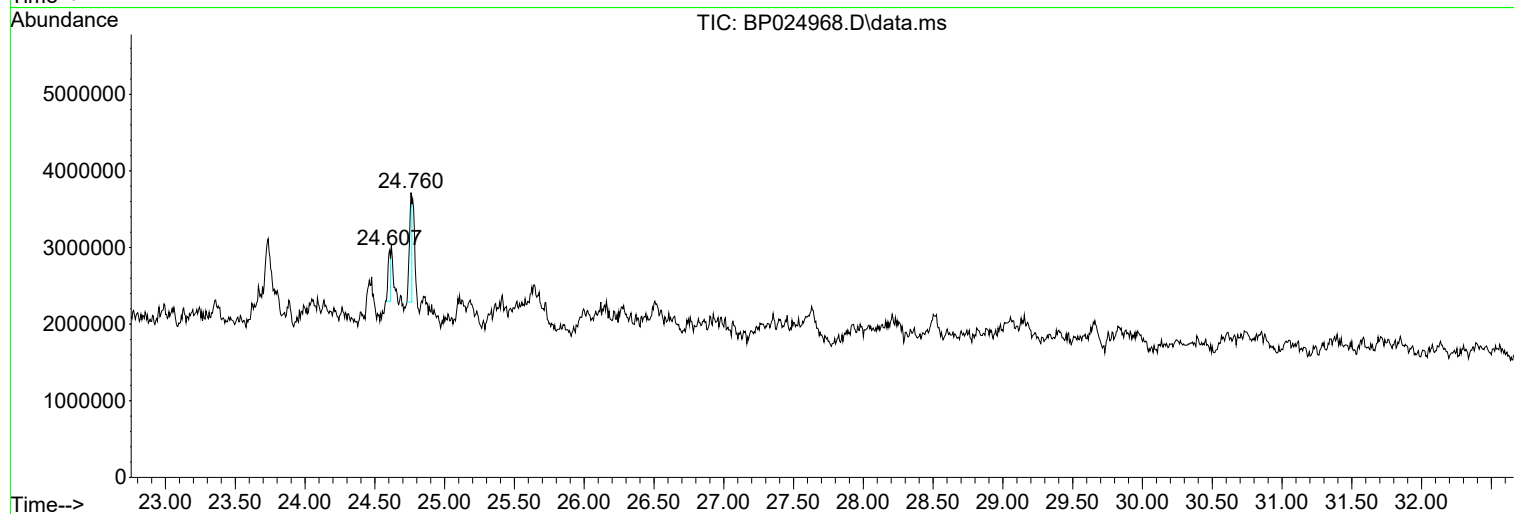
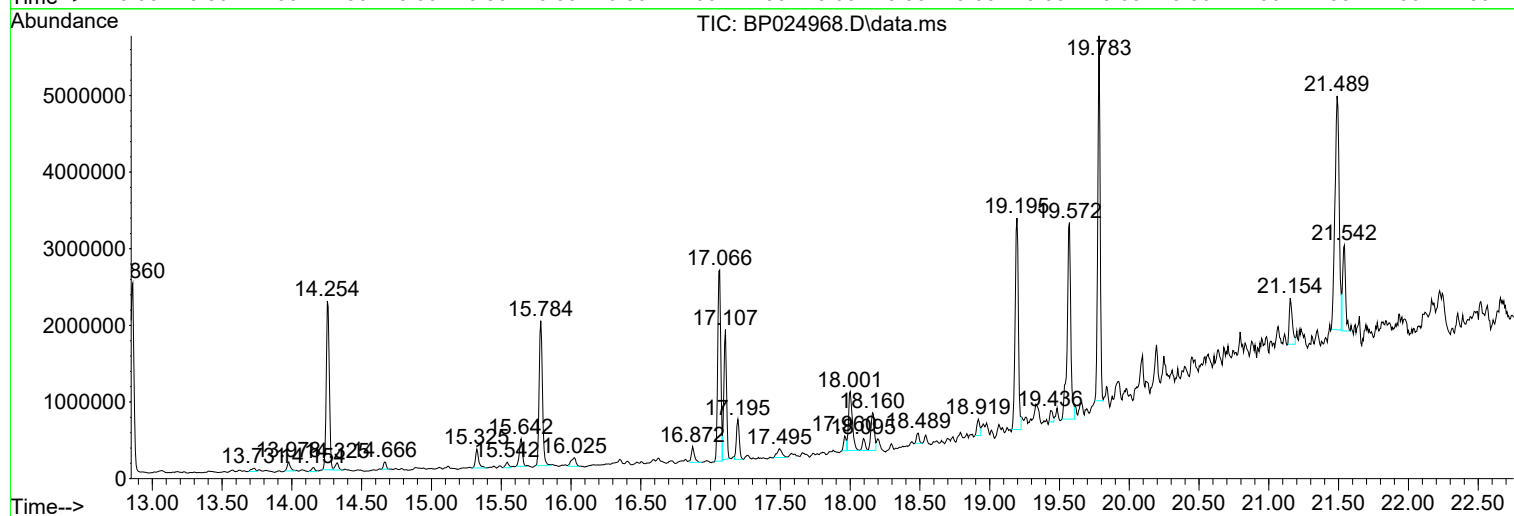
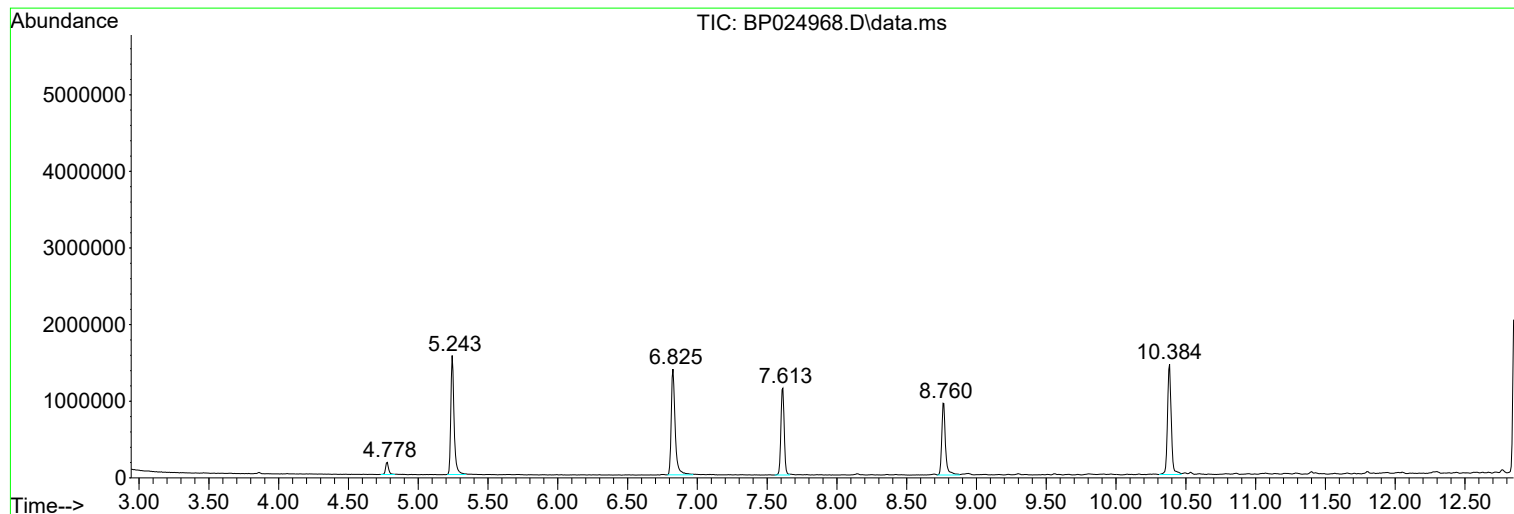
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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BNA_P
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HD-01-6132025

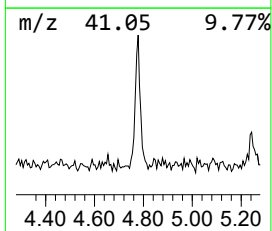
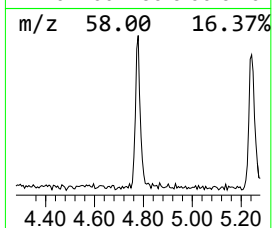
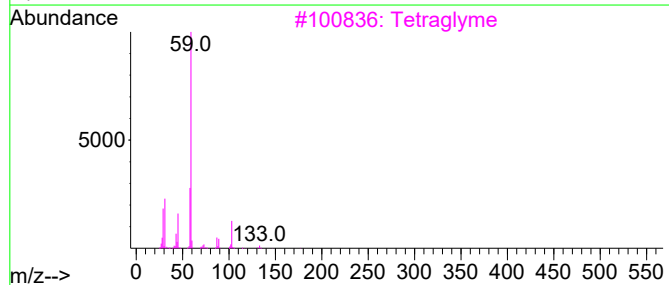
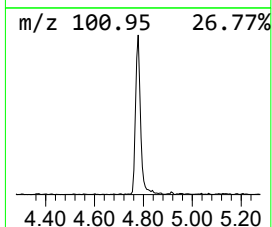
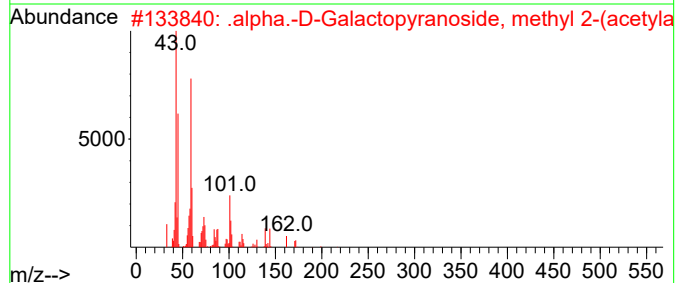
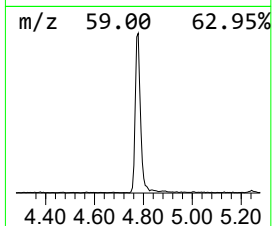
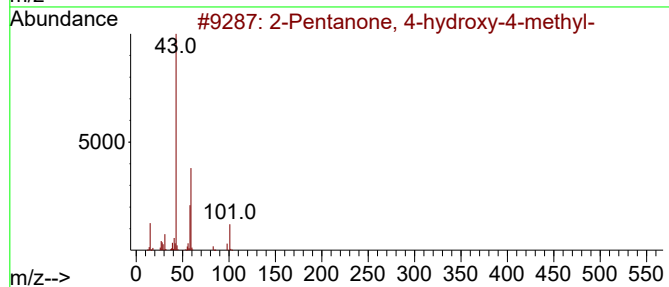
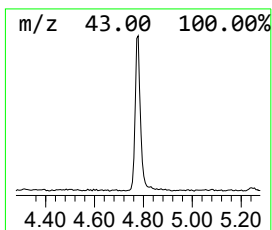
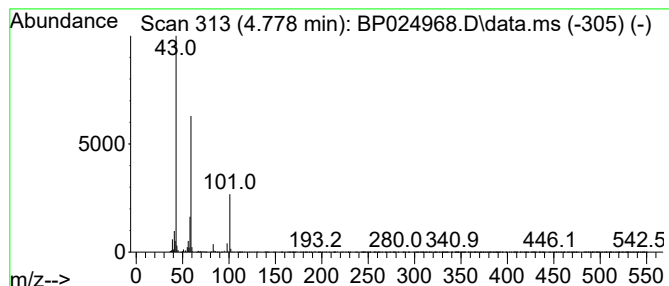
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.778	2.64 ng	244165	1,4-Dichlorobenzene-d4	7.613

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	.alpha.-D-Galactopyranoside, met...	249	C10H19NO6	017296-07-0	36		
3	Tetraglyme	222	C10H22O5	000143-24-8	23		
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17		
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17		



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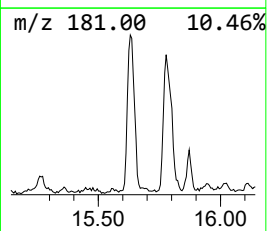
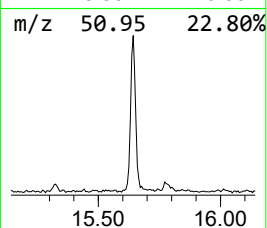
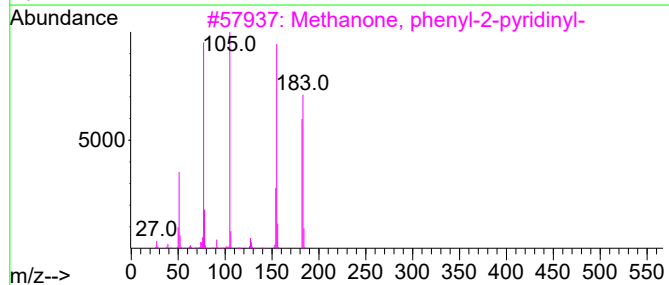
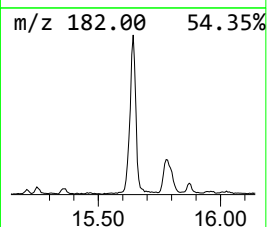
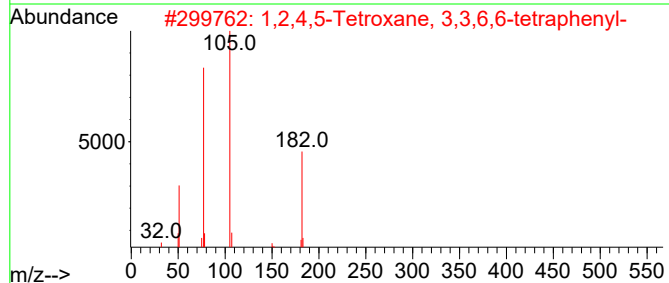
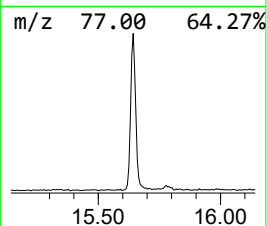
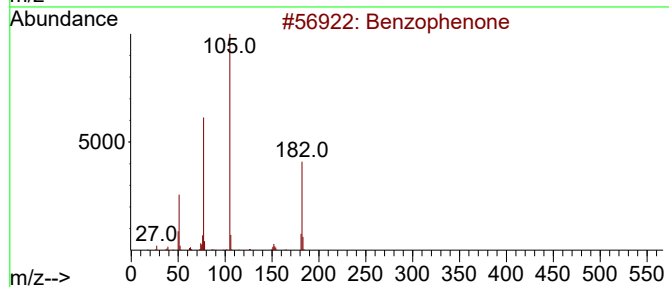
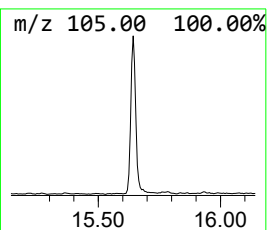
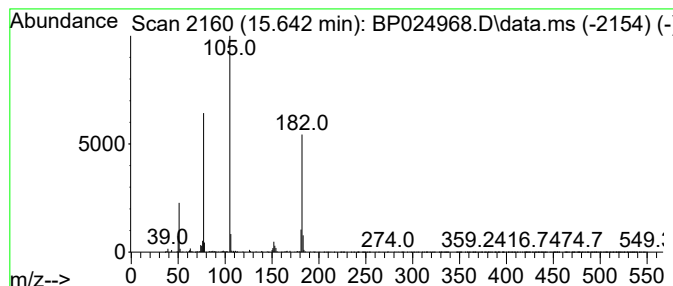
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.642	3.29 ng	552635	Acenaphthene-d10	14.254

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3			Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	45
4			Azobenzene	182	C12H10N2	000103-33-3	42
5			1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	40



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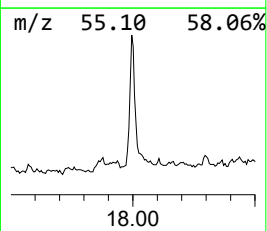
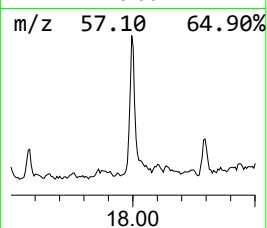
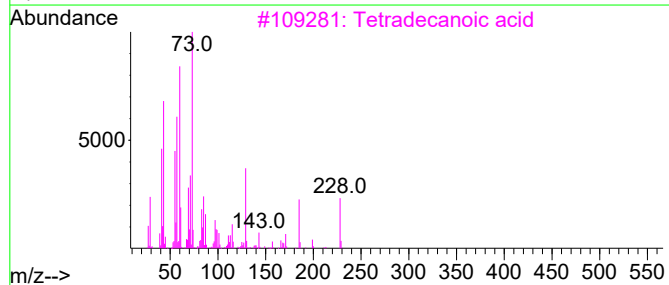
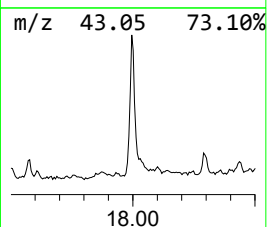
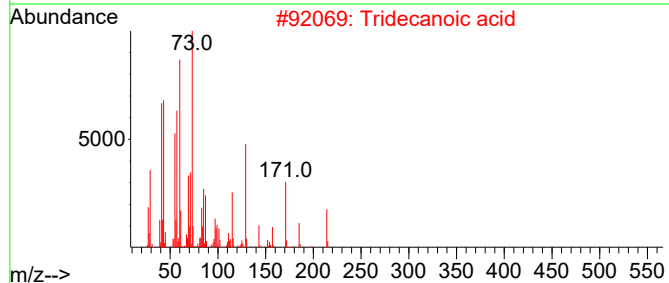
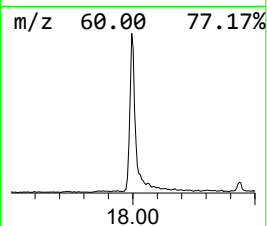
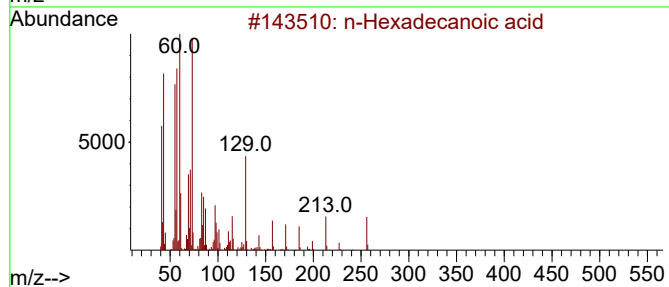
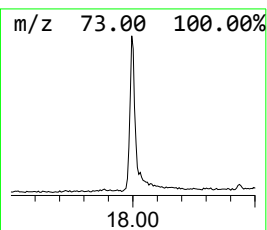
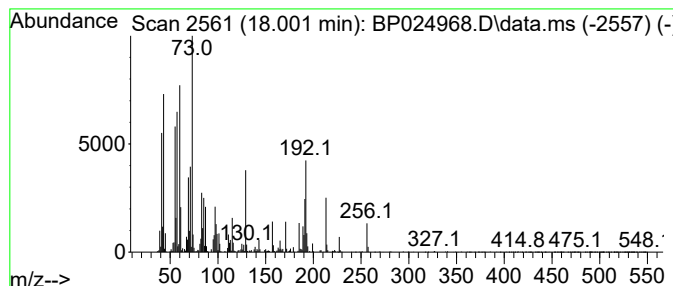
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.001	7.50 ng	1423180	Phenanthrene-d10	17.060

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	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5			Octadecanoic acid	284	C18H36O2	000057-11-4	70



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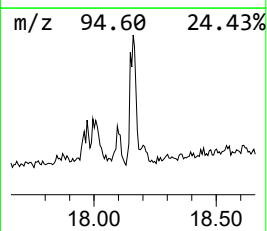
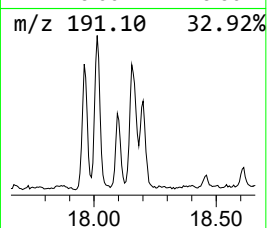
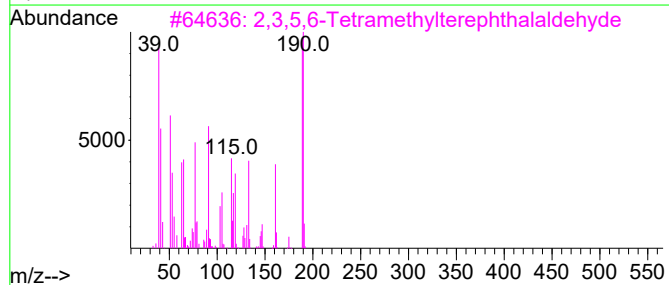
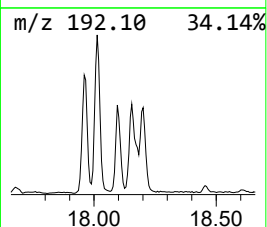
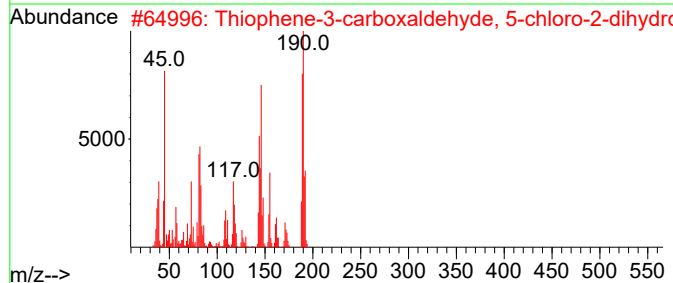
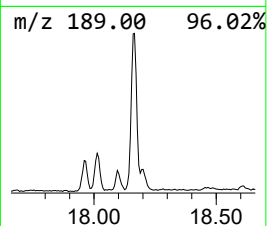
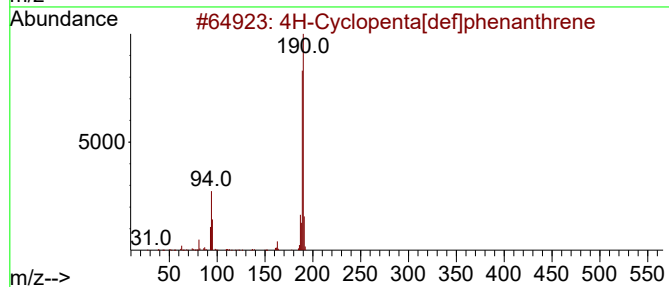
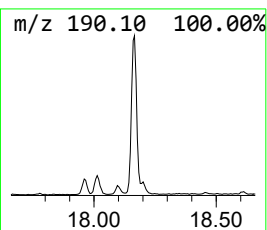
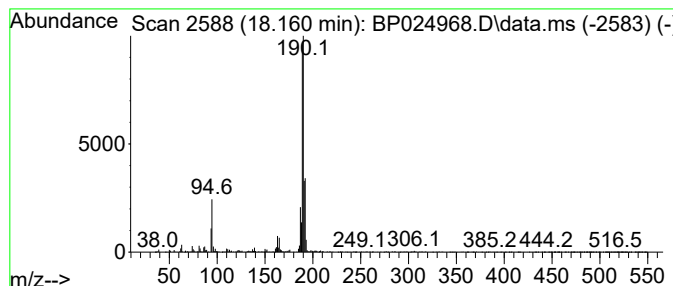
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.160	4.51 ng	854455	Phenanthrene-d10	17.060

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5			Epilupeol; 20(29)-Lupen-3alpha-o...	468	C32H52O2	1010513-01-8	38



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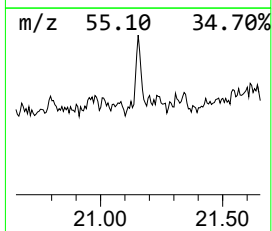
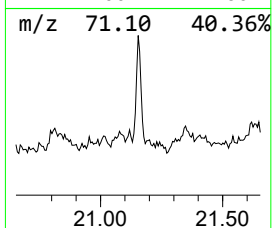
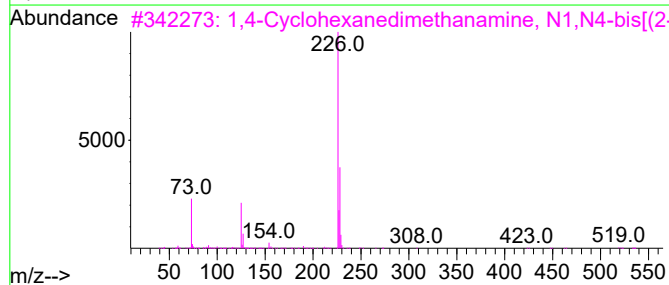
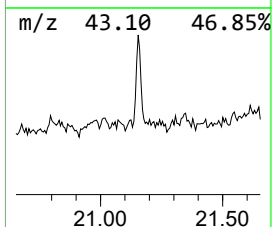
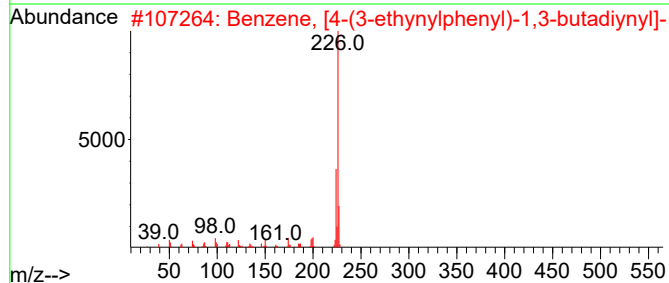
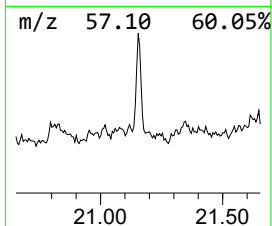
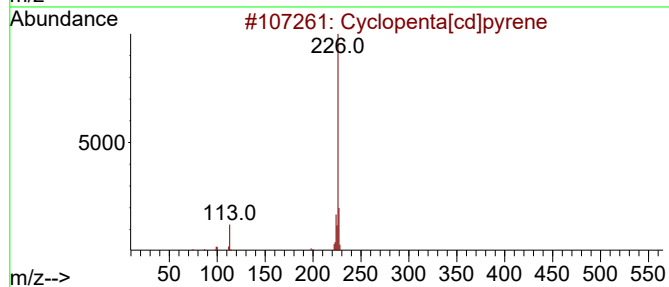
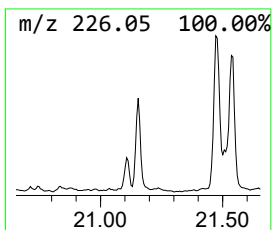
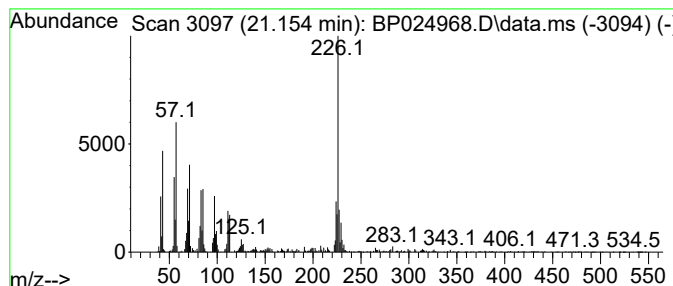
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Cyclopenta[cd]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.154	2.85 ng	931125	Chrysene-d12	21.495

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	50
2			Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	38
3			1,4-Cyclohexanedimethanamine, N1...	534	C28H44Cl2N2Si2	1000498-77-1	35
4			Valeramide, 2-methyl-N-(2-phenyl...	415	C28H49NO	1000491-52-3	32
5			4-Amino-5-(4-chlorophenyl)-4H-1,...	226	C8H7ClN4S	1010476-96-9	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
Data File : BP024968.D
Acq On : 16 Jun 2025 19:46
Operator : RC/JU
Sample : Q2324-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-01-6132025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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
2-Pentanone, 4-...	4.778	2.6	ng	244165	1	7.613	1852730	20.0
Benzophenone	15.642	3.3	ng	552635	3	14.254	3363980	20.0
n-Hexadecanoic ...	18.001	7.5	ng	1423180	4	17.060	3792780	20.0
4H-Cyclopenta[d]...	18.160	4.5	ng	854455	4	17.060	3792780	20.0
Cyclopenta[cd]p...	21.154	2.9	ng	931125	5	21.495	6545280	20.0