

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
 Data File : BP025166.D
 Acq On : 16 Jul 2025 20:22
 Operator : CG/JU
 Sample : Q2592-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-SOIL-20250711

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: BP025166.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.660	288	293	299	rVB	96309	137782	1.37%	0.220%
2	5.102	362	368	376	rVB	1020201	1427318	14.18%	2.281%
3	6.643	624	630	639	rVB	1026560	1579594	15.70%	2.524%
4	7.443	759	766	773	rBV	1999225	3039986	30.21%	4.858%
5	8.572	952	958	965	rVB	639101	1006265	10.00%	1.608%
6	9.907	1179	1185	1198	rBV	279463	667547	6.63%	1.067%
7	10.190	1225	1233	1240	rBV	2569141	4259804	42.33%	6.807%
8	10.384	1260	1266	1272	rBV	270350	463328	4.60%	0.740%
9	11.654	1477	1482	1488	rBV	228408	373689	3.71%	0.597%
10	12.689	1652	1658	1665	rVB	1947313	2746429	27.29%	4.389%
11	13.554	1798	1805	1813	rBV4	36022	110114	1.09%	0.176%
12	14.101	1891	1898	1906	rBV	3967708	5789402	57.53%	9.251%
13	14.960	2040	2044	2050	rBV	231865	291783	2.90%	0.466%
14	15.501	2131	2136	2144	rBV2	386081	678189	6.74%	1.084%
15	15.625	2152	2157	2163	rBV	1444315	2200682	21.87%	3.517%
16	15.725	2171	2174	2183	rVB3	120691	215582	2.14%	0.344%
17	16.078	2229	2234	2236	rBV3	169954	289770	2.88%	0.463%
18	16.113	2236	2240	2248	rVB3	402352	712956	7.08%	1.139%
19	16.719	2339	2343	2348	rBV4	228871	374303	3.72%	0.598%
20	16.919	2371	2377	2382	rBV2	4146580	6659122	66.17%	10.641%
21	16.966	2382	2385	2390	rVB	314451	410628	4.08%	0.656%
22	17.901	2540	2544	2552	rVB	1124602	1500609	14.91%	2.398%
23	19.066	2738	2742	2746	rBV	1100318	1790737	17.79%	2.862%
24	19.254	2771	2774	2781	rVB	1328262	1781504	17.70%	2.847%
25	19.495	2811	2815	2821	rBV	2076482	3381618	33.60%	5.404%
26	19.683	2843	2847	2852	rVB	3401284	4312062	42.85%	6.890%
27	21.348	3123	3130	3135	rVB2	5378542	10063901	100.00%	16.082%
28	24.495	3662	3665	3674	rVB	3269594	6315321	62.75%	10.092%

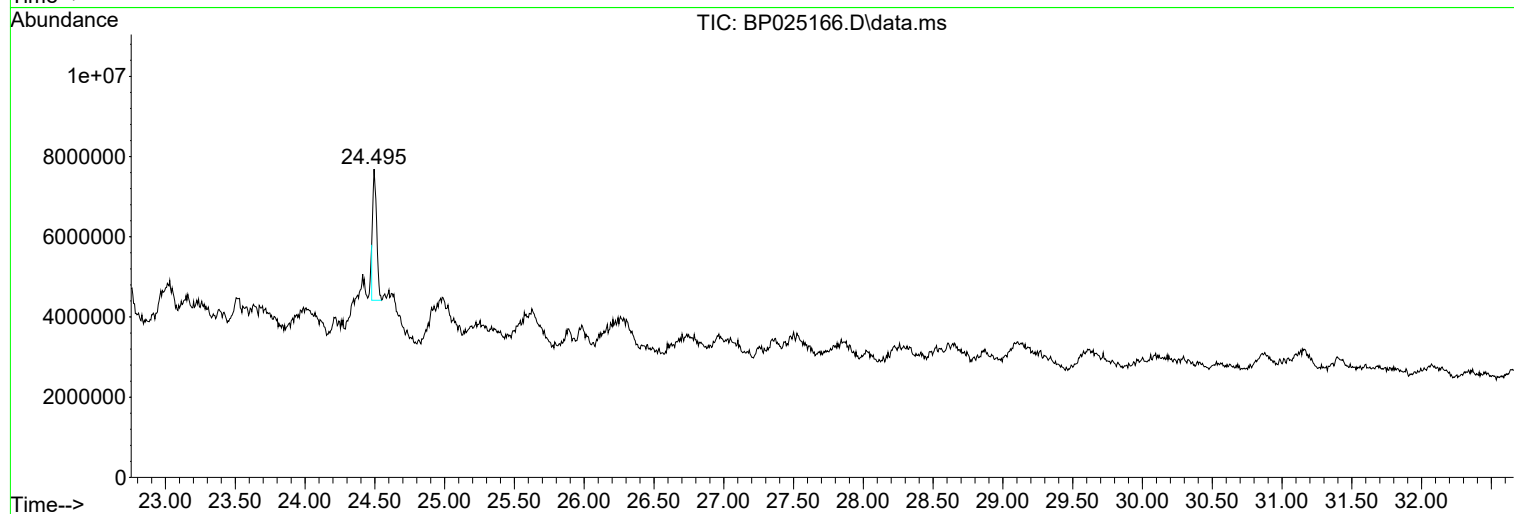
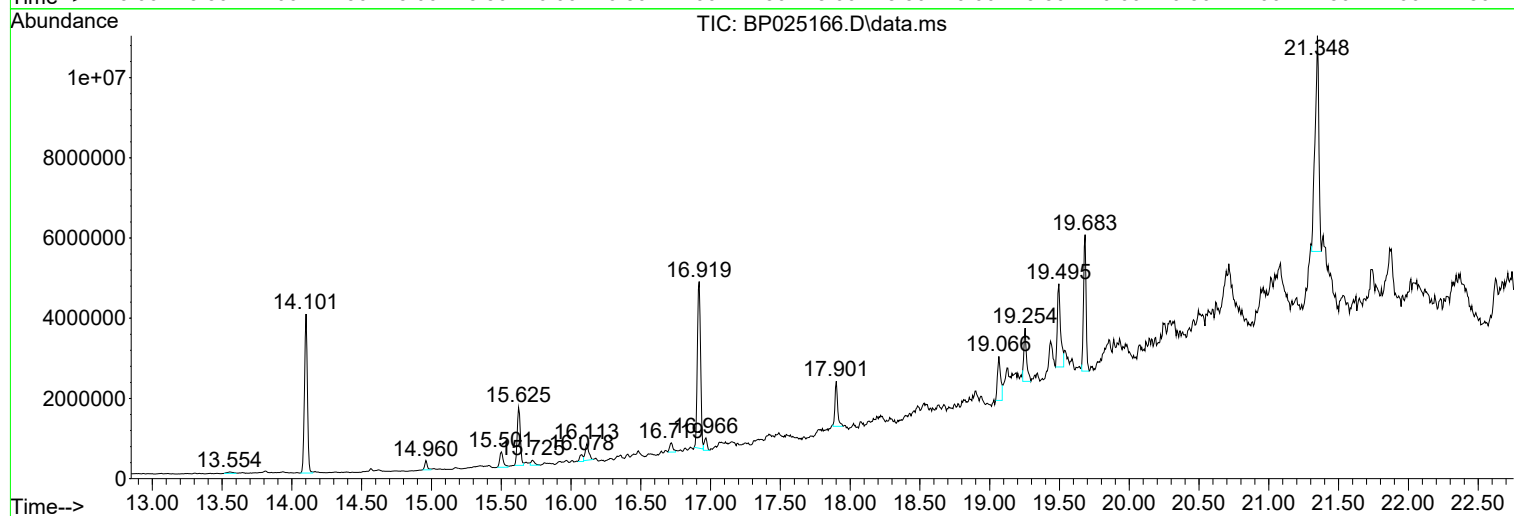
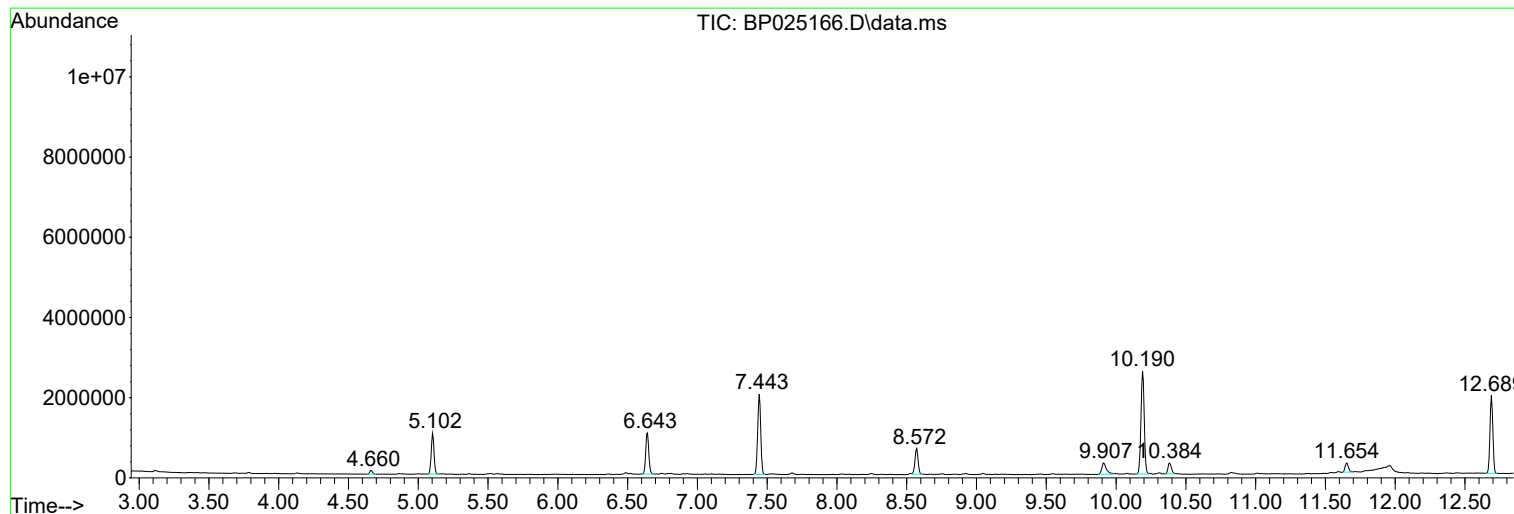
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ALS Vial : 13 Sample Multiplier: 1

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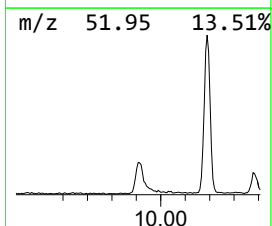
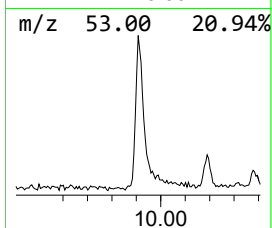
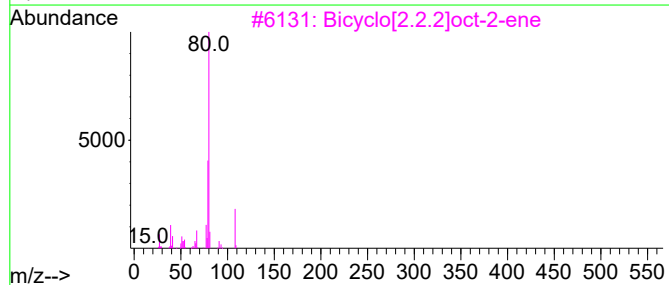
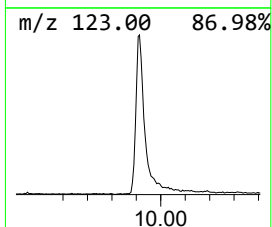
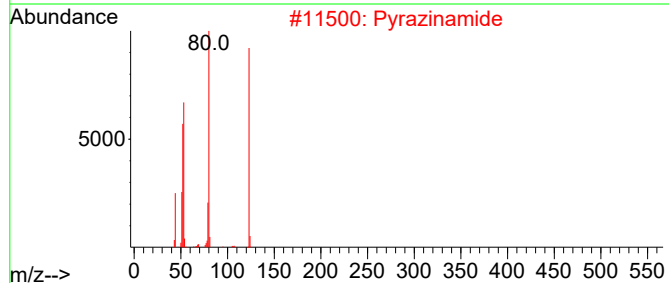
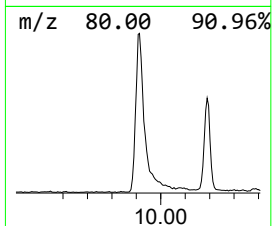
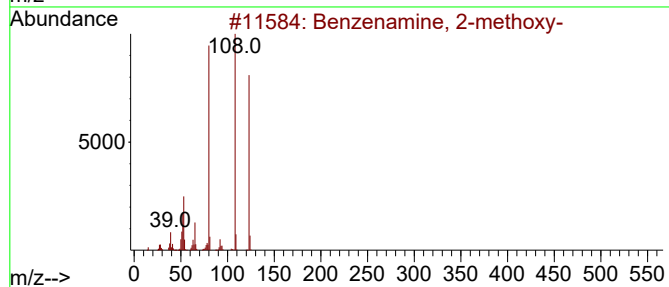
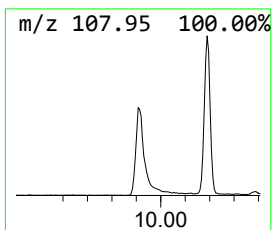
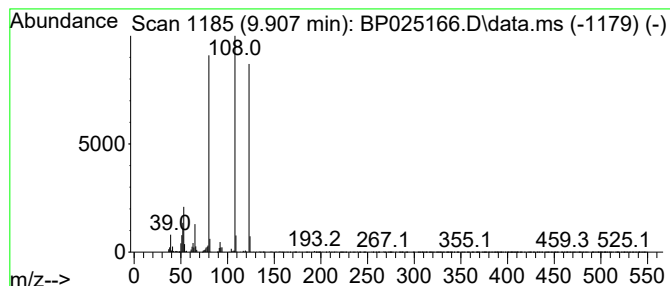
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzenamine, 2-methoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.907	3.13 ng	667547	Naphthalene-d8	10.190

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenamine, 2-methoxy-	123	C7H9NO	000090-04-0	96
2			Pyrazinamide	123	C5H5N3O	000098-96-4	74
3			Bicyclo[2.2.2]oct-2-ene	108	C8H12	000931-64-6	64
4			1,3-Phenylenediamine	108	C6H8N2	000108-45-2	64
5			Pyrazine	80	C4H4N2	000290-37-9	50



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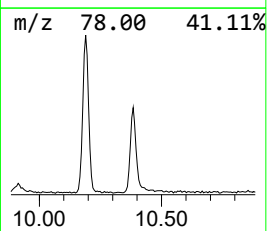
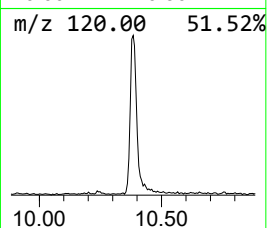
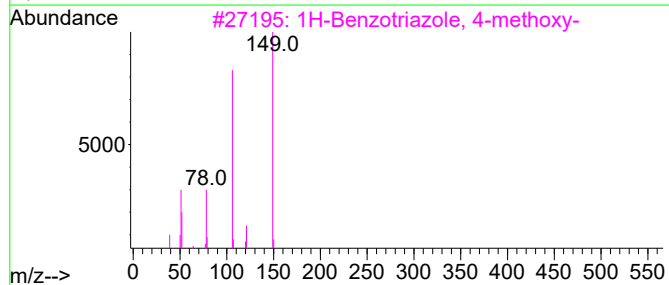
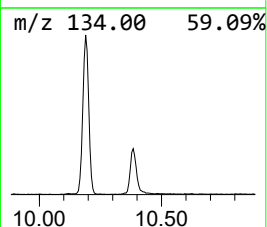
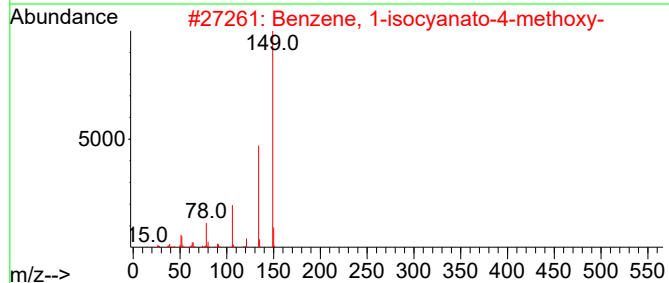
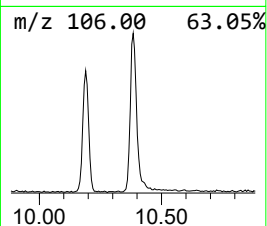
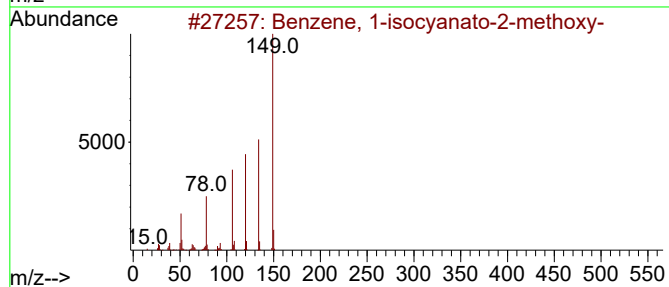
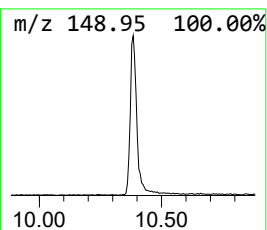
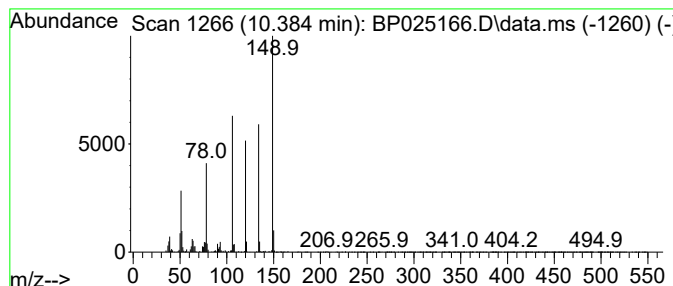
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, 1-isocyanato-2-met... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.384	2.18 ng	463328	Naphthalene-d8	10.190

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-isocyanato-2-methoxy-	149	C8H7NO2	000700-87-8	94
2			Benzene, 1-isocyanato-4-methoxy-	149	C8H7NO2	005416-93-3	49
3			1H-Benzotriazole, 4-methoxy-	149	C7H7N3O	027799-90-2	47
4			3',4'-Formoxylidide	149	C9H11NO	006639-60-7	47
5			1H-Benzotriazole, 5-methoxy-	149	C7H7N3O	027799-91-3	46



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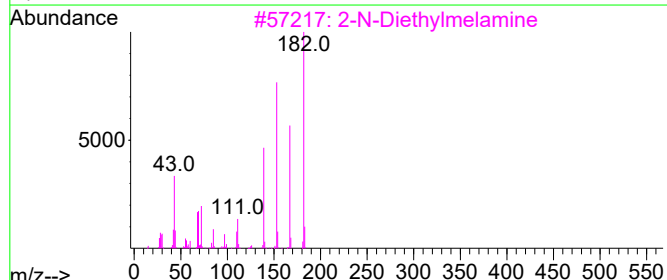
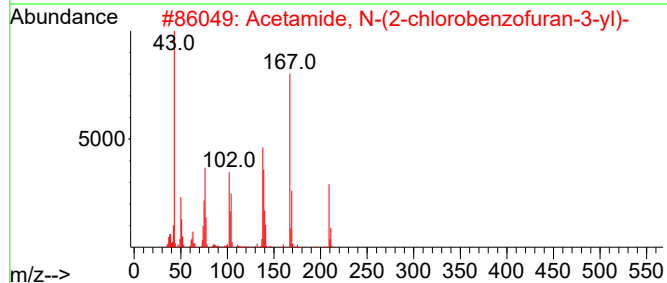
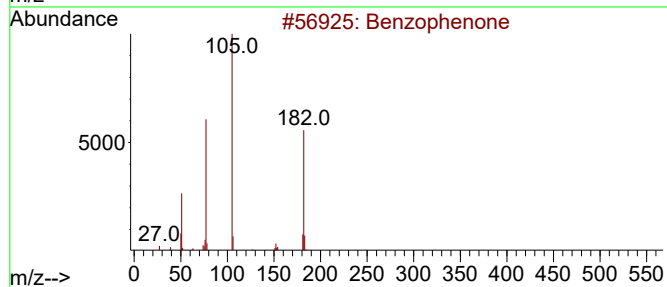
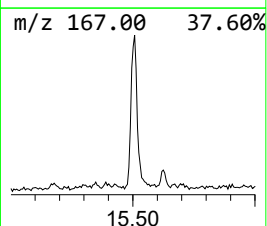
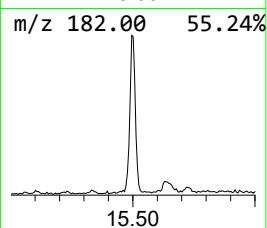
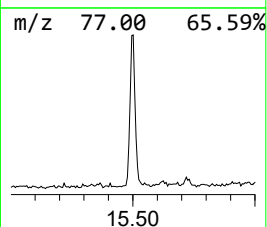
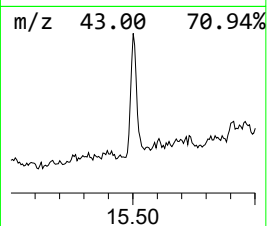
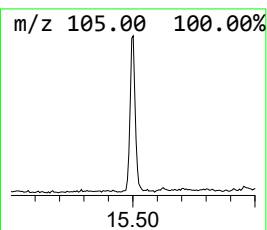
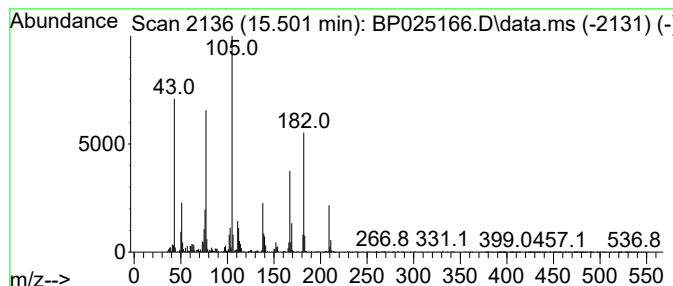
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.501	2.34 ng	678189	Acenaphthene-d10	14.101

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	86
2			Acetamide, N-(2-chlorobenzofuran...	209	C10H8ClNO2	067382-11-0	27
3			2-N-Diethylmelamine	182	C7H14N6	002073-31-6	22
4			7-Phosphabicyclo[2.2.1]hept-2-en...	182	C11H19P	1000151-83-5	22
5			Sydnone, 4-chloro-3-phenyl-	196	C8H5ClN2O2	005226-93-7	14



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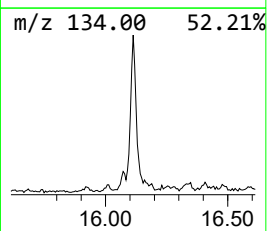
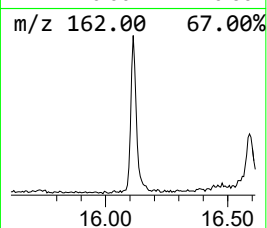
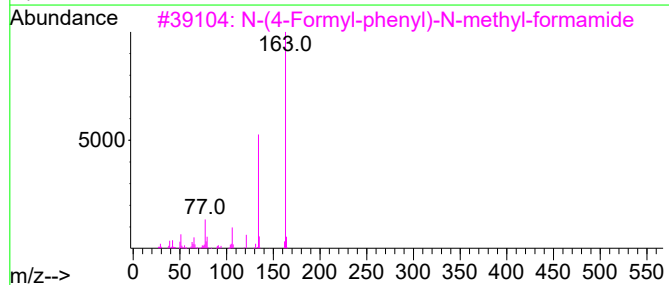
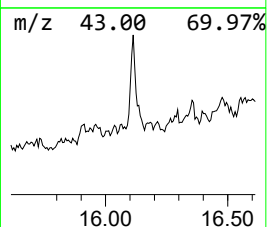
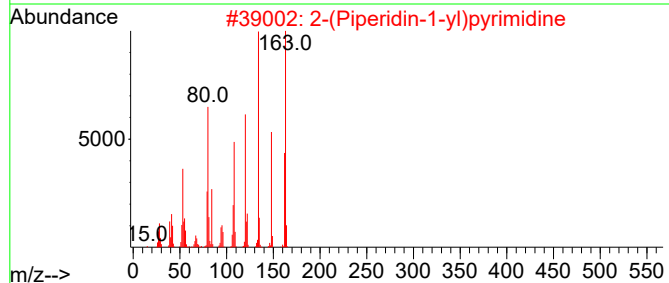
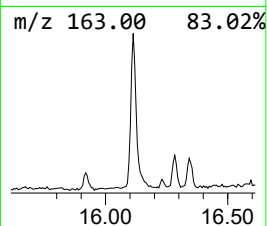
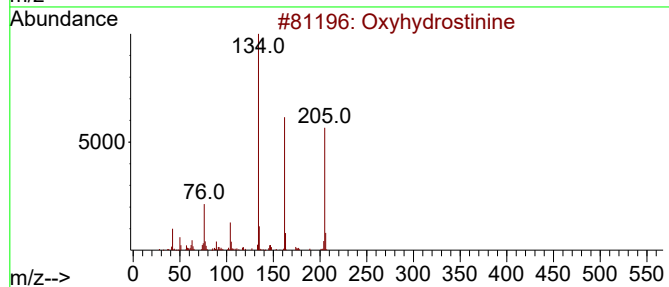
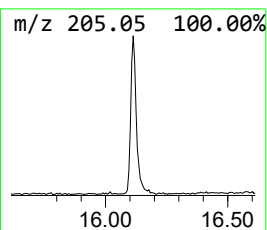
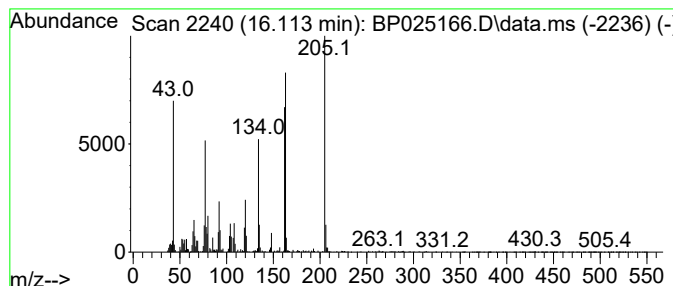
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 unknown16.113 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.113	2.14 ng	712956	Phenanthrene-d10		16.919	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Oxyhydrostinine		205	C11H11NO3	000552-29-4	45
2	2-(Piperidin-1-yl)pyrimidine		163	C9H13N3	051957-36-9	38
3	N-(4-Formyl-phenyl)-N-methyl-for...		163	C9H9NO2	079213-80-2	30
4	1-Amino-4,6-dimethyl-2-oxo-1,2-d...		163	C8H9N3O	001562-12-5	30
5	2H-1-Benzopyran-2-one, 3,4-dihyd...		162	C10H10O2	000092-47-7	30



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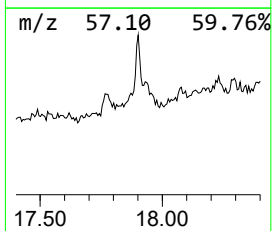
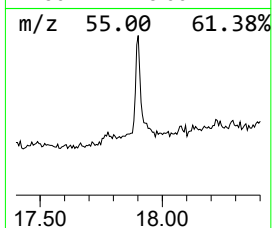
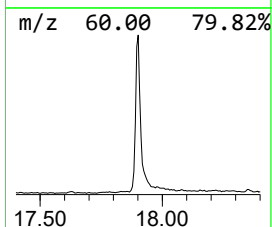
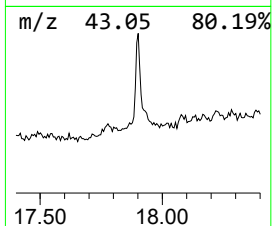
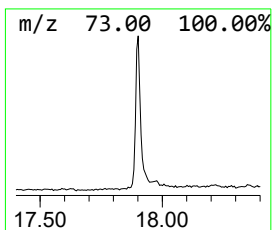
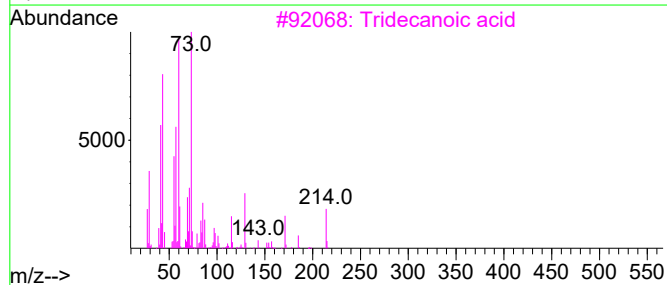
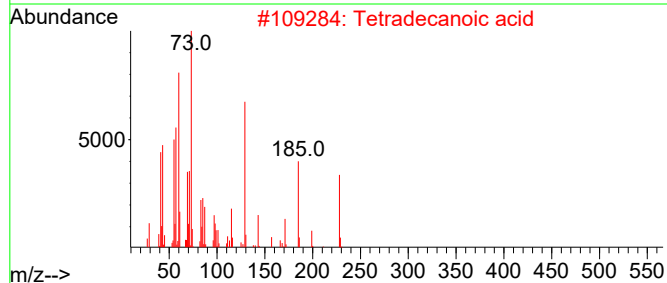
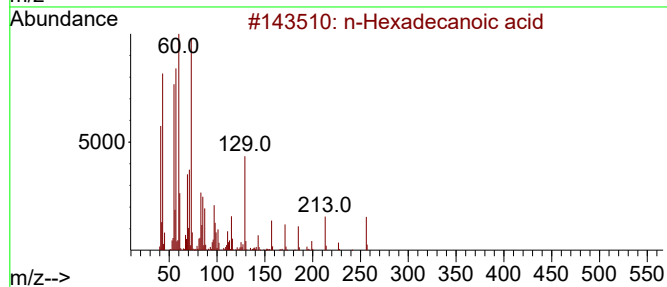
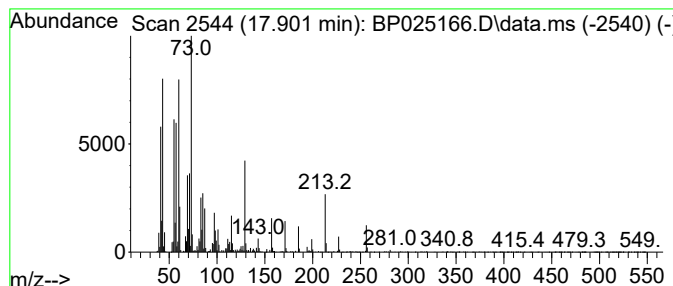
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.901	4.51 ng	1500610	Phenanthrene-d10	16.919

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3			Tridecanoic acid	214	C13H26O2	000638-53-9	89
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5			Octadecanoic acid	284	C18H36O2	000057-11-4	83



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WC-SOIL-20250711

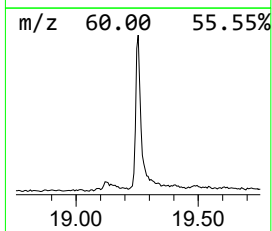
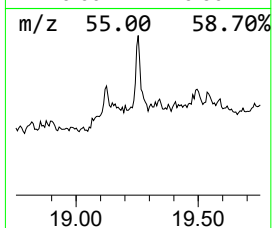
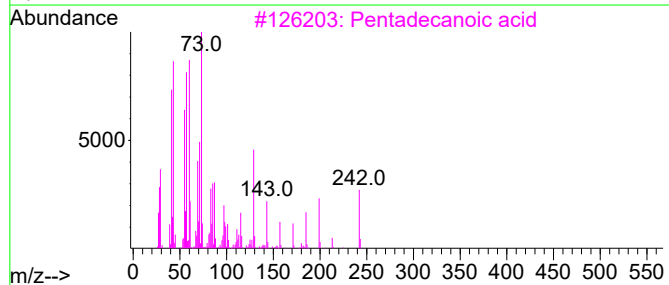
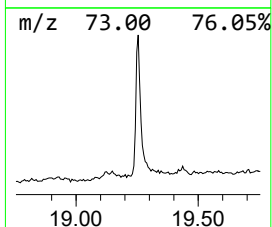
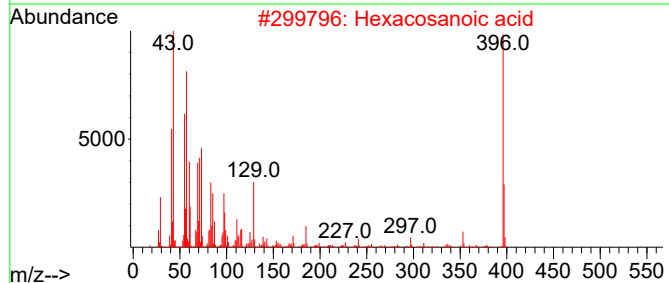
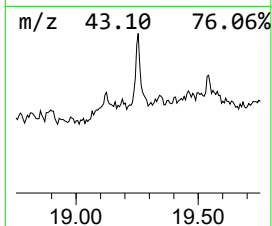
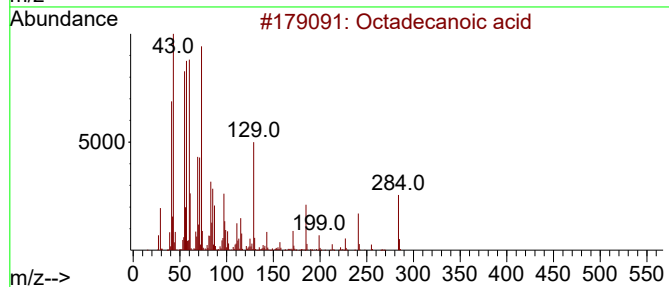
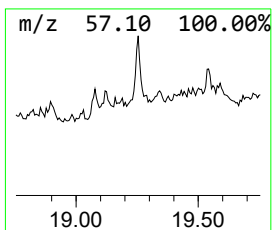
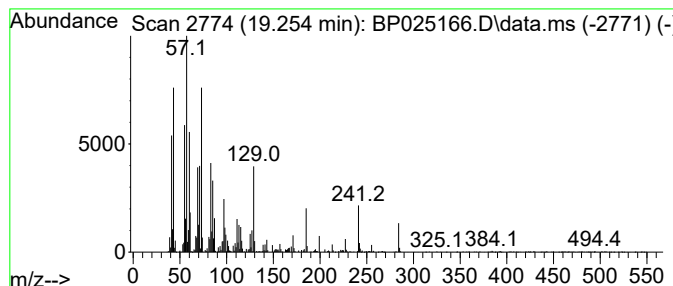
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.254	3.54 ng	1781500	Chrysene-d12	21.348

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			Hexacosanoic acid	396	C26H52O2	000506-46-7	72
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	60
5			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025166.D
Acq On : 16 Jul 2025 20:22
Operator : CG/JU
Sample : Q2592-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

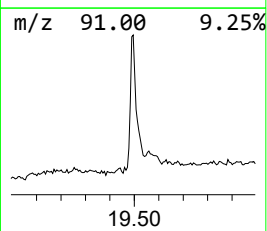
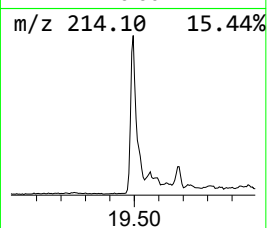
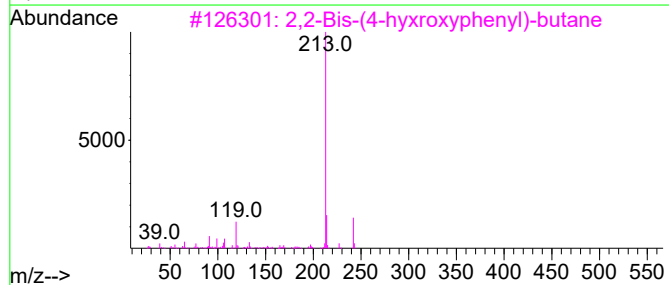
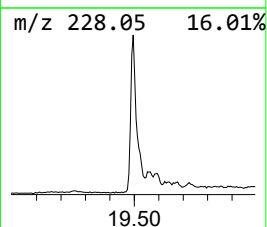
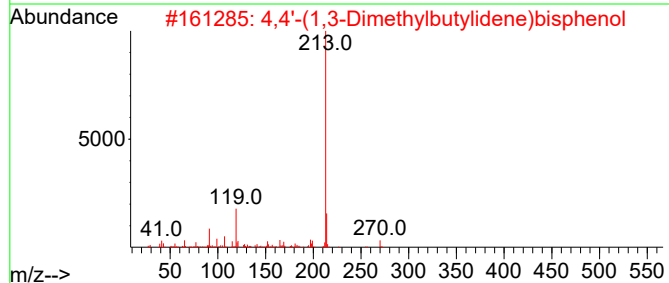
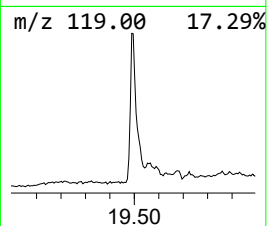
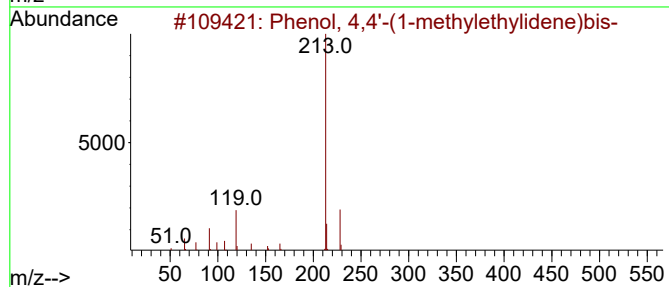
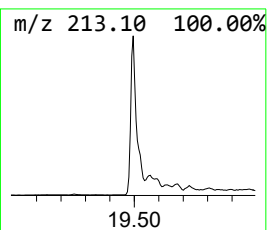
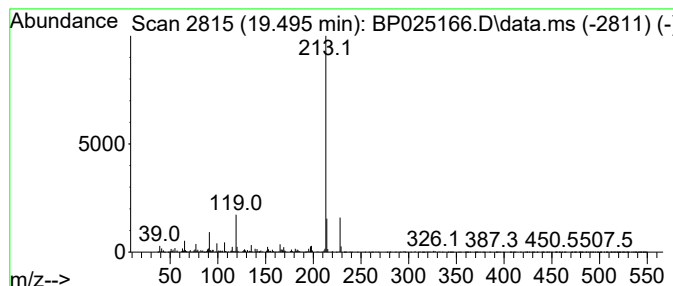
Instrument :
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ClientSampleId :
WC-SOIL-20250711

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 7 Phenol, 4,4'-(1-methylethyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.495	6.72 ng	3381620	Chrysene-d12	21.348	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	97
2	4,4'-(1,3-Dimethylbutylidene)bis...	270	C18H22O2	006807-17-6	83
3	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	72
4	2,5-bis(Trimethylsilyl)thiophene	228	C10H20SSi2	017906-71-7	59
5	4-Hydroxy-.gamma.-(4-hydroxyphen...	300	C18H20O4	007297-85-0	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025166.D
Acq On : 16 Jul 2025 20:22
Operator : CG/JU
Sample : Q2592-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-SOIL-20250711

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
Benzenamine, 2-...	9.907	3.1	ng	667547	2	10.190	4259800	20.0
Benzene, 1-isoc...	10.384	2.2	ng	463328	2	10.190	4259800	20.0
Benzophenone	15.501	2.3	ng	678189	3	14.101	5789400	20.0
unknown16.113	16.113	2.1	ng	712956	4	16.919	6659120	20.0
n-Hexadecanoic ...	17.901	4.5	ng	1500610	4	16.919	6659120	20.0
Octadecanoic acid	19.254	3.5	ng	1781500	5	21.348	10063900	20.0
Phenol, 4,4'-(1...	19.495	6.7	ng	3381620	5	21.348	10063900	20.0