

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011525\
 Data File : BF141173.D
 Acq On : 15 Jan 2025 14:13
 Operator : RC/JU
 Sample : Q1069-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW7B-CARBON-20250109

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_F\Methods\8270-BF011025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141173.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	8	26	rVB3	77456	212109	2.28%	1.001%
2	2.434	42	58	64	rBV	4564522	9304909	100.00%	43.911%
3	3.305	202	206	227	rVB	44506	107232	1.15%	0.506%
4	4.093	333	340	352	rVB	853689	1297729	13.95%	6.124%
5	4.987	484	492	496	rBV	719850	1202673	12.93%	5.676%
6	5.034	496	500	505	rVB	107577	154536	1.66%	0.729%
7	5.422	559	566	577	rBV	166432	231450	2.49%	1.092%
8	6.434	733	738	743	rBV	187589	252731	2.72%	1.193%
9	6.822	798	804	811	rBV	628178	794956	8.54%	3.751%
10	7.375	887	898	903	rBV2	199779	309188	3.32%	1.459%
11	8.098	1016	1021	1027	rBV	797984	1043340	11.21%	4.924%
12	9.175	1199	1204	1209	rBV	376437	459948	4.94%	2.171%
13	9.775	1301	1306	1315	rBV	45098	115480	1.24%	0.545%
14	9.857	1315	1320	1332	rVB	979618	1235112	13.27%	5.829%
15	10.569	1436	1441	1448	rBV	241360	298077	3.20%	1.407%
16	10.639	1448	1453	1464	rVB	185315	237804	2.56%	1.122%
17	11.339	1567	1572	1579	rBV	940278	1228022	13.20%	5.795%
18	11.869	1657	1662	1676	rBV2	156122	271441	2.92%	1.281%
19	12.657	1791	1796	1808	rBV	58592	103155	1.11%	0.487%
20	12.927	1837	1842	1851	rVB	362487	453127	4.87%	2.138%
21	13.980	2014	2021	2032	rVB2	738425	1053913	11.33%	4.974%
22	15.439	2263	2269	2284	rBV	510111	823618	8.85%	3.887%

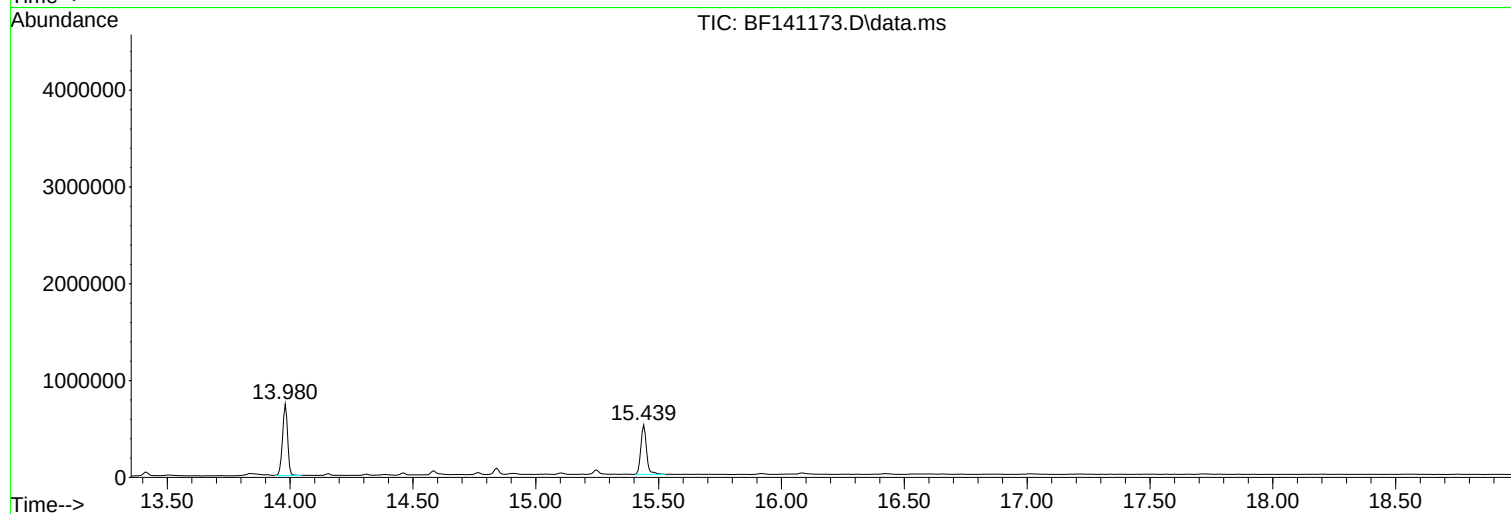
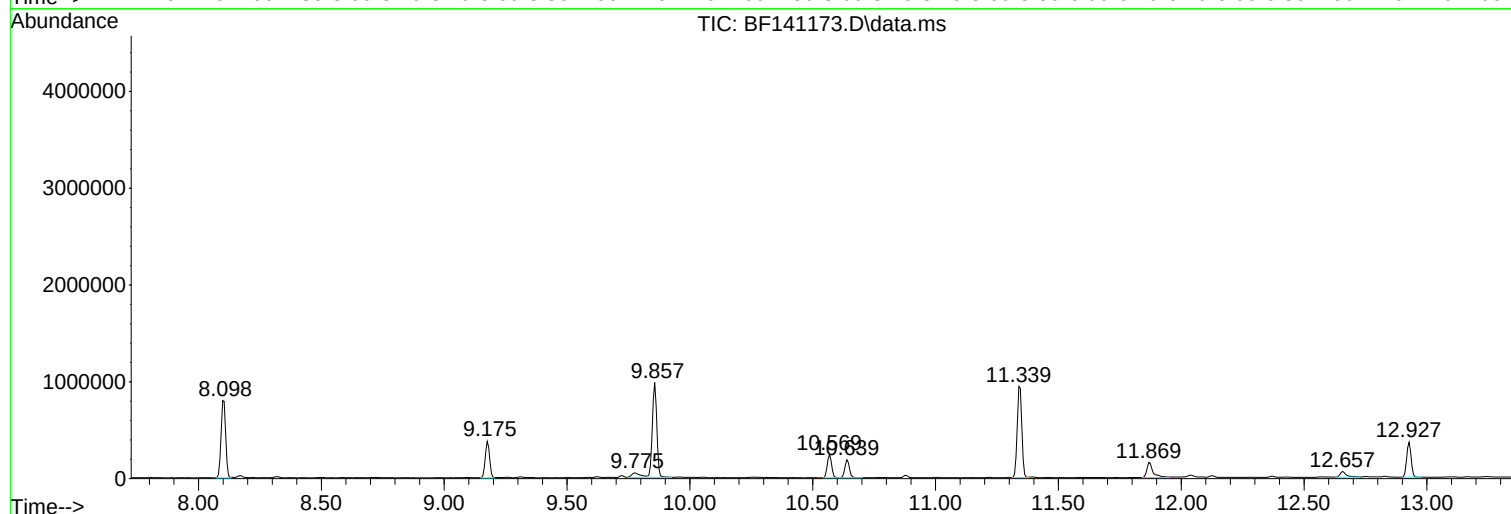
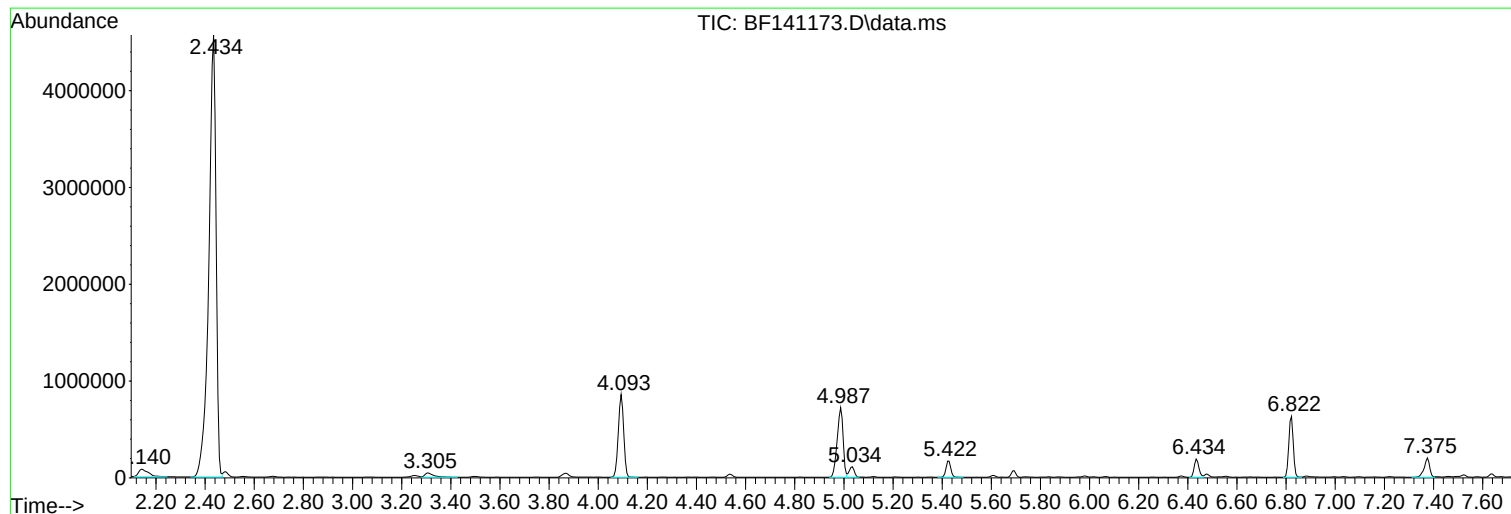
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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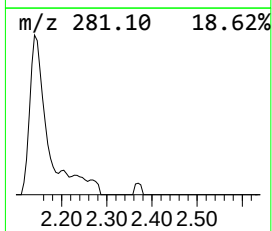
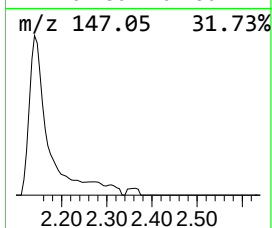
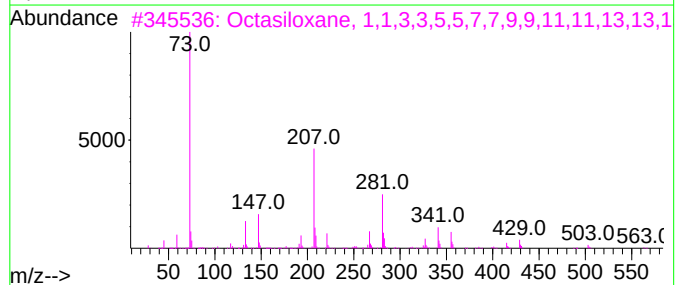
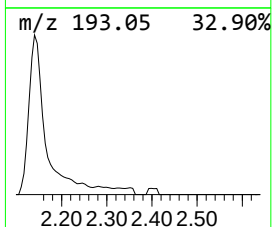
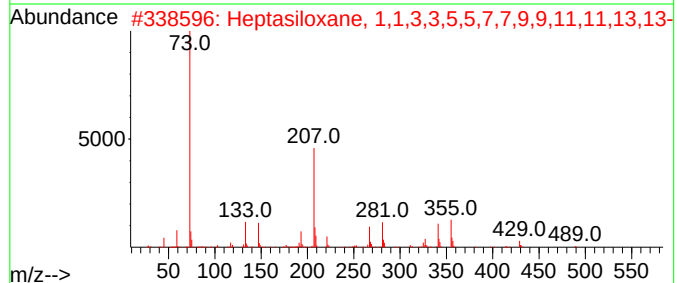
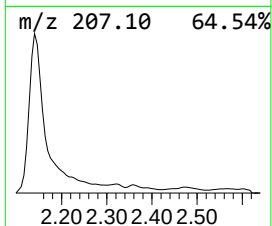
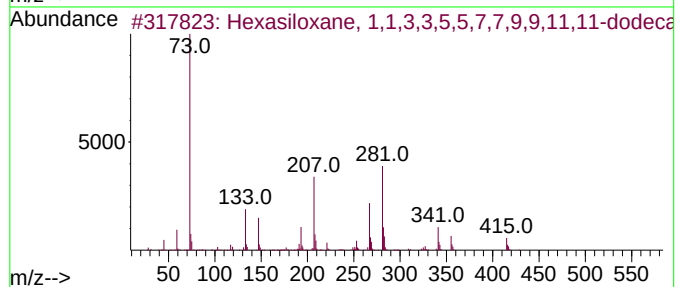
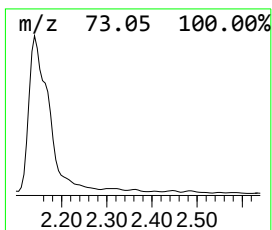
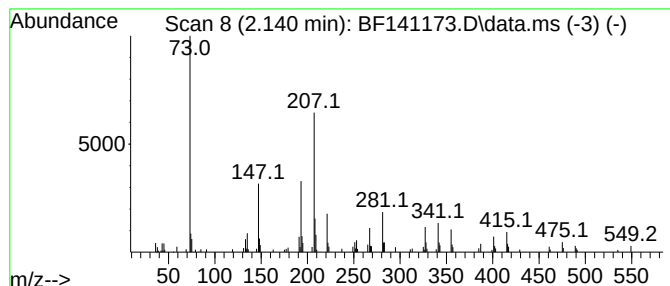
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Hexasiloxane, 1,1,3,3,5,5,7... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	5.34 ng	212109	1,4-Dichlorobenzene-d4	6.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexasiloxane, 1,1,3,3,5,5,7,7,9...	430	C12H38O5Si6	000995-82-4	59
2			Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	58
3			Octasiloxane, 1,1,3,3,5,5,7,7,9...	578	C16H50O7Si8	019095-24-0	40
4			Methyltris(trimethylsiloxy)silane	310	C10H30O3Si4	017928-28-8	27
5			2-(1H-Benzimidazol-2-ylthio)-N,N...	293	C14H23N3SSi	1000485-02-6	27



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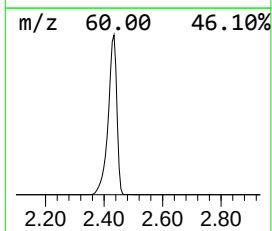
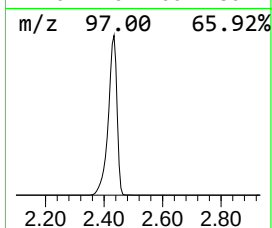
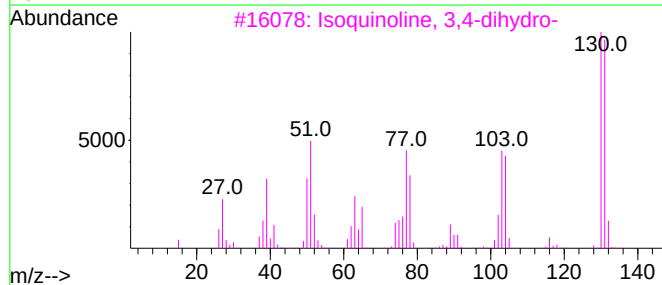
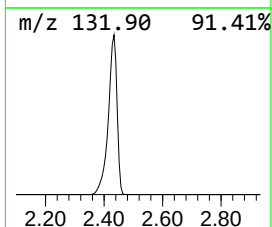
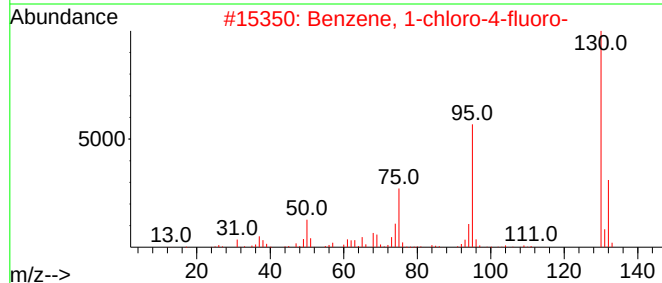
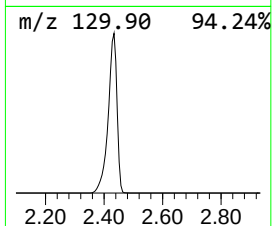
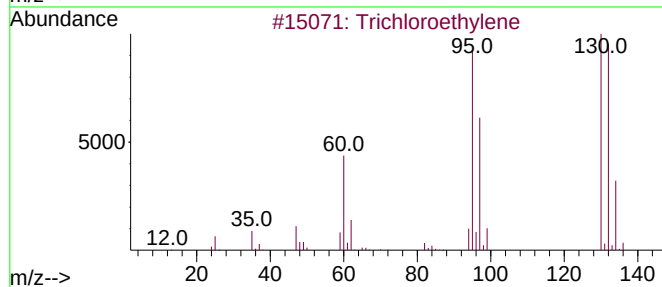
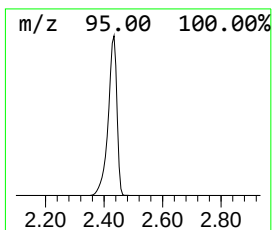
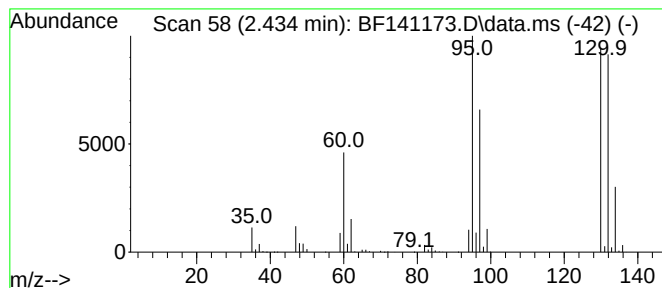
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Trichloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.434	234.10 ng	9304910	1,4-Dichlorobenzene-d4	6.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroethylene	130	C2HCl3	000079-01-6	99
2			Benzene, 1-chloro-4-fluoro-	130	C6H4ClF	000352-33-0	22
3			Isoquinoline, 3,4-dihydro-	131	C9H9N	003230-65-7	12
4			1,3-Oxathiane, 4,6-dimethyl-, tr...	132	C6H12OS	022452-26-2	10
5			1H-1,2,4-Triazol-3-amine, 5-(met...	130	C3H6N4S	045534-08-5	10



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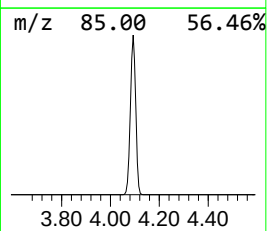
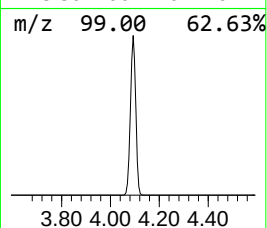
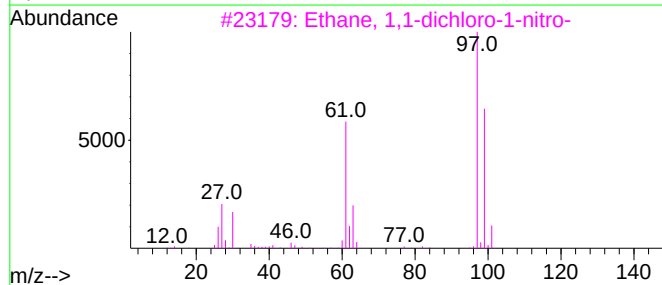
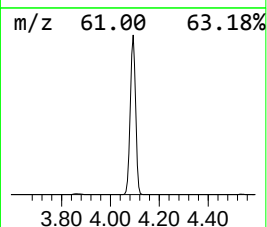
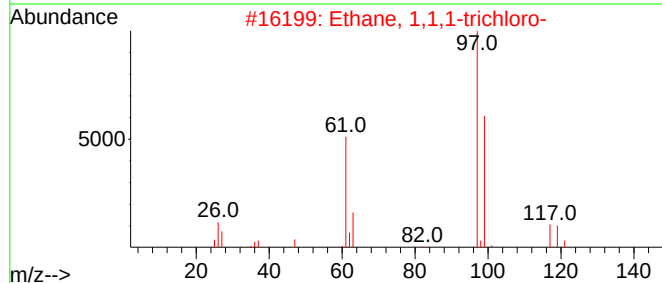
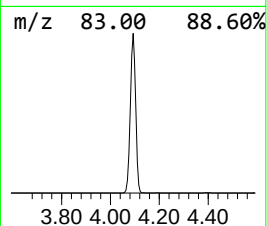
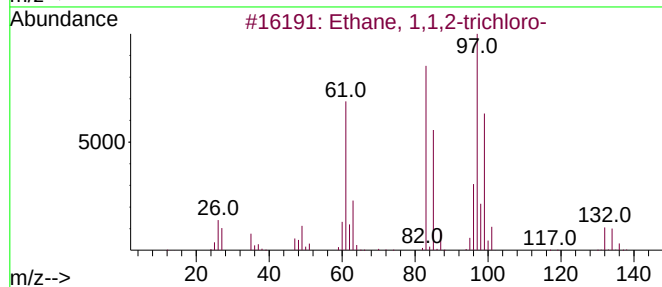
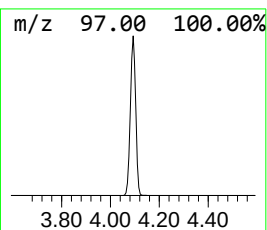
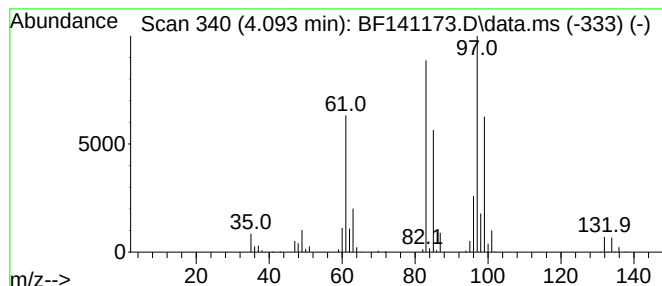
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Ethane, 1,1,2-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.093	32.65 ng	1297730	1,4-Dichlorobenzene-d4	6.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethane, 1,1,2-trichloro-	132	C2H3Cl3	000079-00-5	97
2			Ethane, 1,1,1-trichloro-	132	C2H3Cl3	000071-55-6	43
3			Ethane, 1,1-dichloro-1-nitro-	143	C2H3Cl2NO2	000594-72-9	43
4			Propanoyl chloride, 2,2-dichloro-	160	C3H3Cl3O	026073-26-7	32
5			Propane, 1,2,2-trichloro-	146	C3H5Cl3	003175-23-3	25



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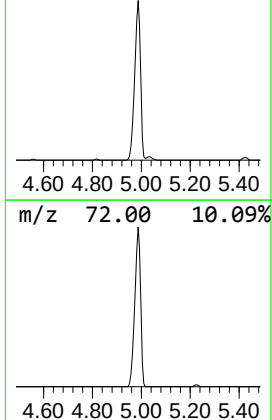
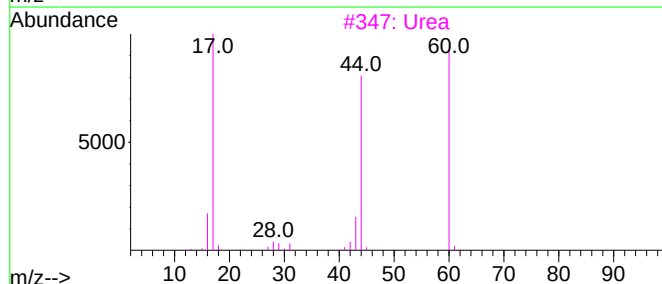
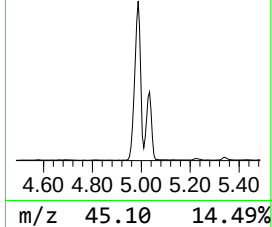
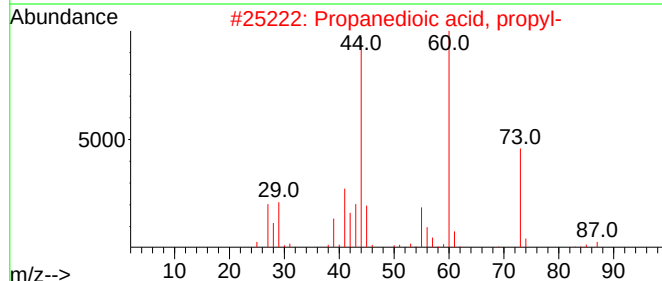
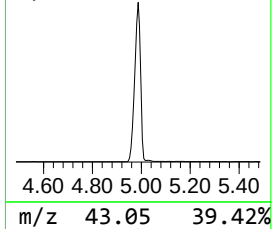
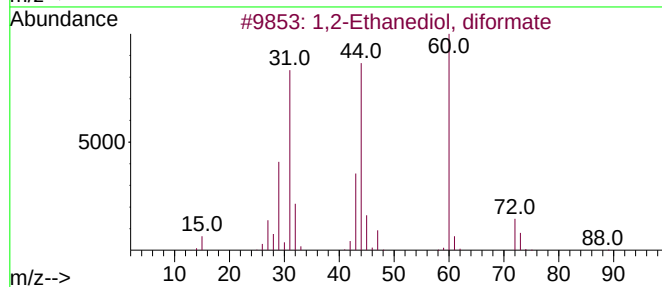
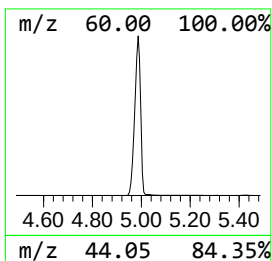
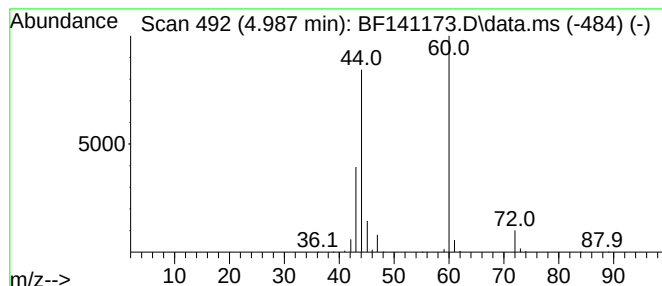
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 1,2-Ethanediol, diformate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.987	30.26 ng	1202670	1,4-Dichlorobenzene-d4	6.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Ethanediol, diformate	118	C4H6O4	000629-15-2	78
2			Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	72
3			Urea	60	CH4N2O	000057-13-6	9
4			1,2-Propanediamine	74	C3H10N2	000078-90-0	7
5			Ethyne, chloro-	60	C2HCl	000593-63-5	7



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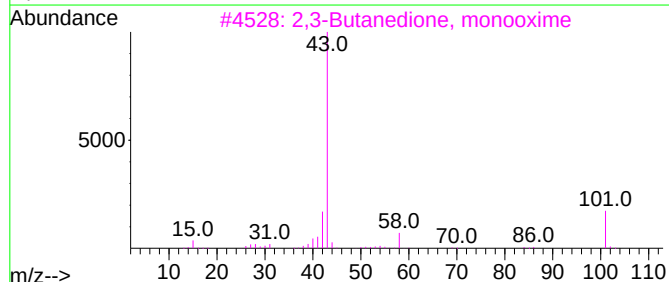
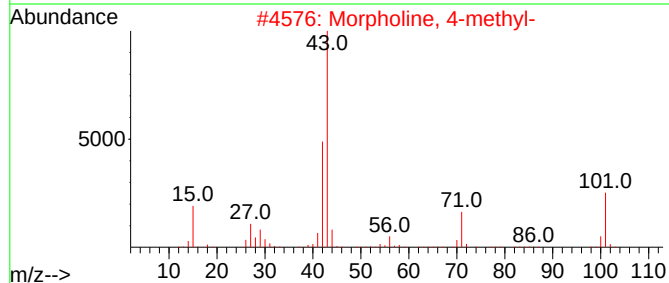
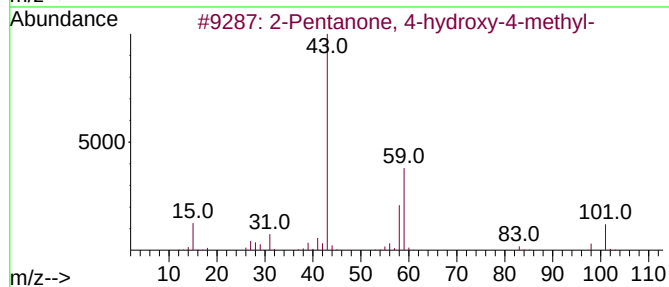
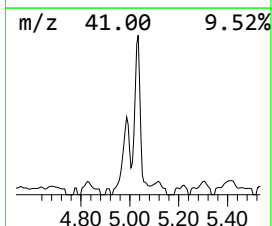
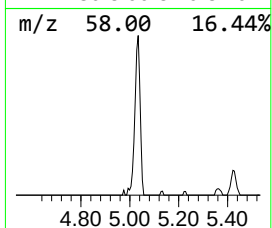
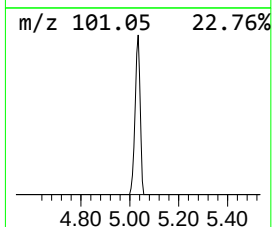
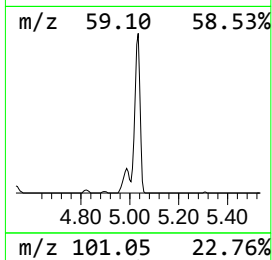
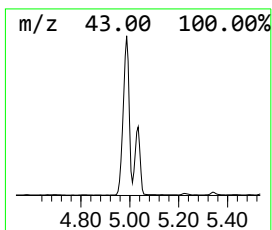
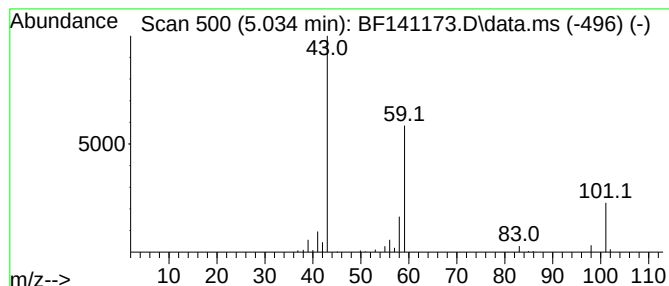
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.034	3.89 ng	154536	1,4-Dichlorobenzene-d4	6.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9
5			n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	9



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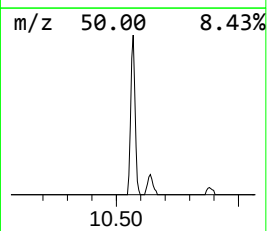
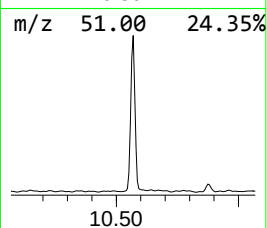
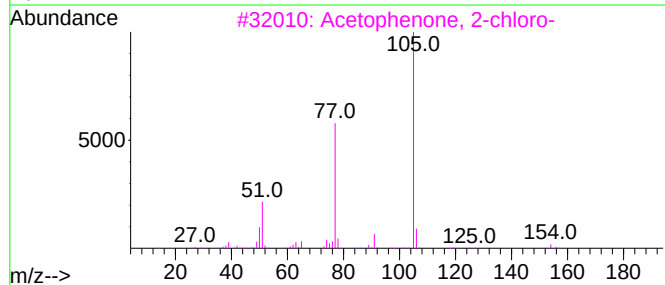
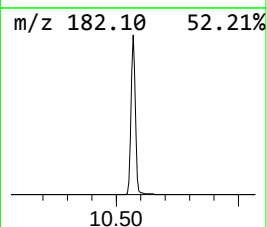
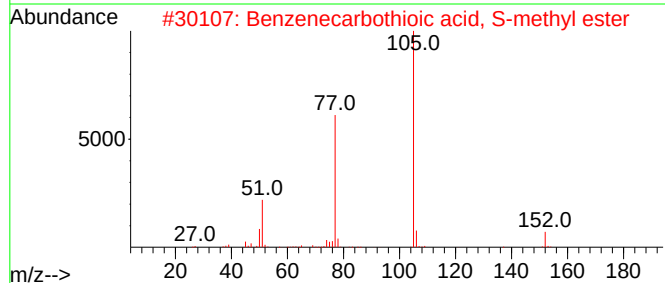
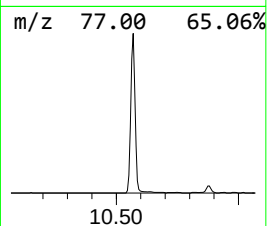
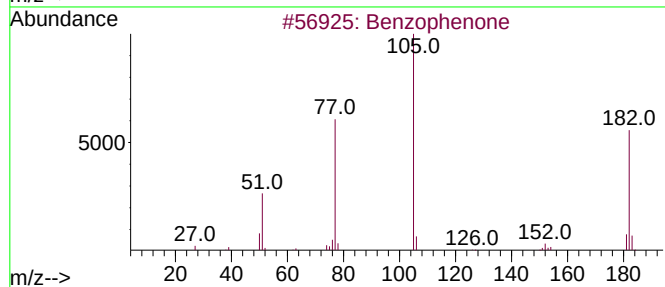
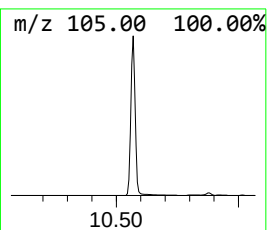
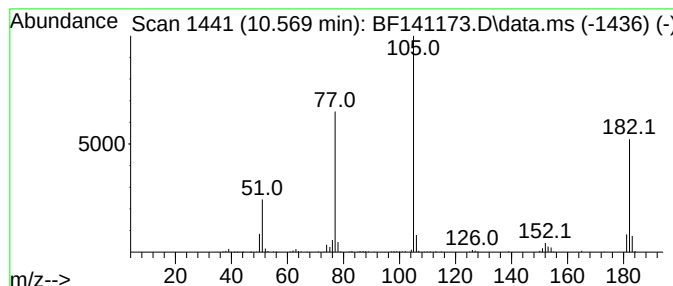
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.569	4.83 ng	298077	Acenaphthene-d10	9.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	50
3			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4			N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47
5			1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011525\
Data File : BF141173.D
Acq On : 15 Jan 2025 14:13
Operator : RC/JU
Sample : Q1069-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW7B-CARBON-20250109

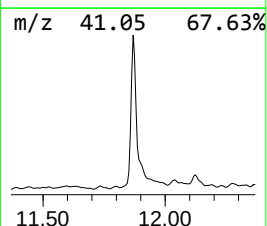
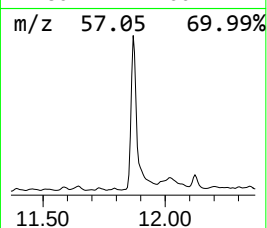
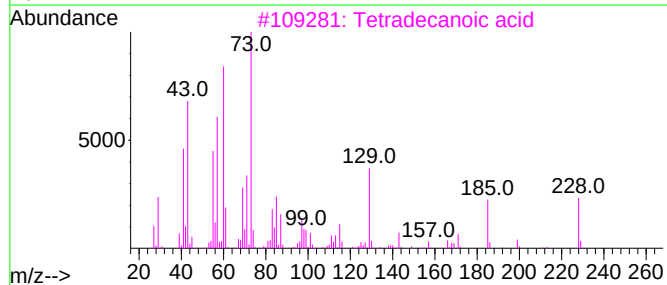
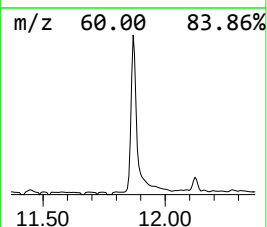
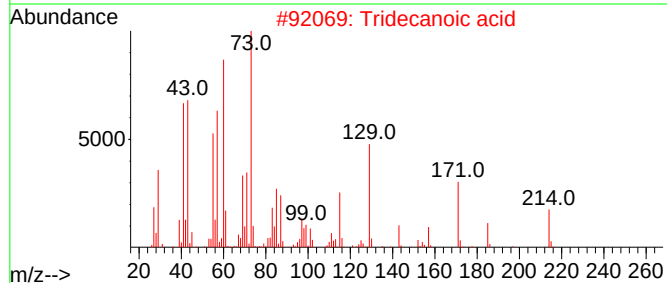
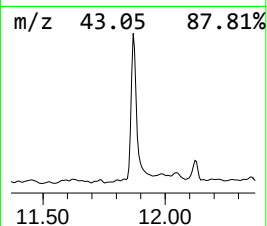
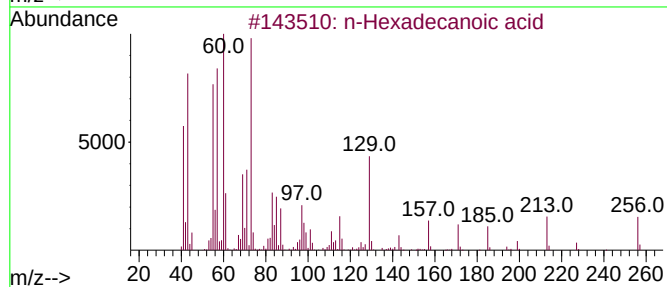
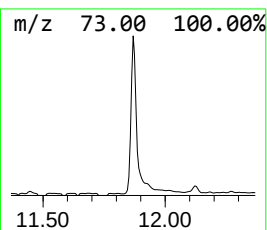
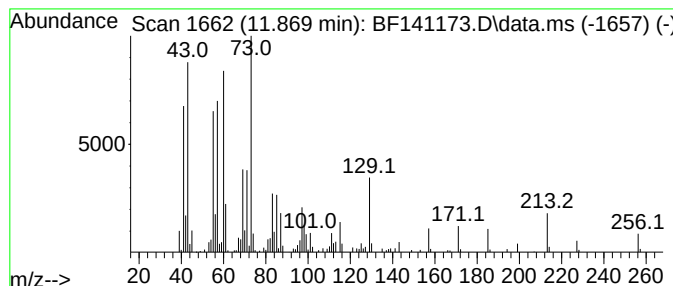
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.869	4.42 ng	271441	Phenanthrene-d10	11.339

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	92
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011525\
Data File : BF141173.D
Acq On : 15 Jan 2025 14:13
Operator : RC/JU
Sample : Q1069-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW7B-CARBON-20250109

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.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
Hexasiloxane, 1...	2.140	5.3	ng	212109	1	6.822	794956	20.0
Trichloroethylene	2.434	234.1	ng	9304910	1	6.822	794956	20.0
Ethane, 1,1,2-t...	4.093	32.6	ng	1297730	1	6.822	794956	20.0
1,2-Ethanediol,...	4.987	30.3	ng	1202670	1	6.822	794956	20.0
2-Pentanone, 4-...	5.034	3.9	ng	154536	1	6.822	794956	20.0
Benzophenone	10.569	4.8	ng	298077	3	9.857	1235110	20.0
n-Hexadecanoic ...	11.869	4.4	ng	271441	4	11.339	1228020	20.0