

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
 Data File : BF142063.D
 Acq On : 24 Mar 2025 19:23
 Operator : RC/JU
 Sample : Q1624-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-03212025

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 : T:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142063.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.152	3	10	24	rVB	843828	1339968	45.23%	6.159%
2	5.093	506	510	522	rVB	26064	46630	1.57%	0.214%
3	5.493	571	578	597	rBV	1923228	2587192	87.33%	11.892%
4	6.157	686	691	698	rVB	72408	92362	3.12%	0.425%
5	6.328	712	720	725	rBV	107285	137289	4.63%	0.631%
6	6.498	742	749	760	rBV	1750214	2478049	83.65%	11.390%
7	6.628	766	771	779	rVB	28892	40040	1.35%	0.184%
8	6.875	808	813	819	rBV	656508	813068	27.45%	3.737%
9	6.987	828	832	836	rBV	39536	52993	1.79%	0.244%
10	7.028	836	839	846	rVB	53849	66577	2.25%	0.306%
11	7.434	898	908	918	rBV	1258116	1665648	56.22%	7.656%
12	7.687	946	951	962	rBV	30241	51259	1.73%	0.236%
13	7.898	983	987	993	rVB2	27275	35053	1.18%	0.161%
14	8.157	1024	1031	1053	rVB	703239	1004466	33.91%	4.617%
15	8.728	1123	1128	1135	rBV2	79602	110013	3.71%	0.506%
16	9.228	1207	1213	1223	rBV	2345334	2962501	100.00%	13.617%
17	9.833	1311	1316	1322	rVV2	17542	30684	1.04%	0.141%
18	9.910	1323	1329	1343	rVB	685508	935169	31.57%	4.299%
19	10.333	1395	1401	1405	rBV2	30453	43573	1.47%	0.200%
20	10.622	1445	1450	1457	rBV	145683	201661	6.81%	0.927%
21	10.692	1457	1462	1477	rVV	1112968	1496750	50.52%	6.880%
22	10.816	1478	1483	1490	rVB2	30325	57157	1.93%	0.263%
23	11.392	1576	1581	1592	rBV	571401	798907	26.97%	3.672%
24	11.916	1665	1670	1682	rBV2	245166	405445	13.69%	1.864%
25	12.445	1756	1760	1761	rBV2	24975	29813	1.01%	0.137%
26	12.469	1762	1764	1772	rVB2	43651	67930	2.29%	0.312%
27	12.604	1783	1787	1793	rBV	76715	117456	3.96%	0.540%
28	12.698	1799	1803	1810	rBV	80278	143345	4.84%	0.659%
29	12.833	1822	1826	1833	rBV	94417	168426	5.69%	0.774%
30	12.974	1845	1850	1859	rBV	1689686	2175895	73.45%	10.002%
31	14.033	2025	2030	2040	rBV	581659	891666	30.10%	4.099%
32	15.510	2277	2281	2291	rVB	373511	708698	23.92%	3.258%

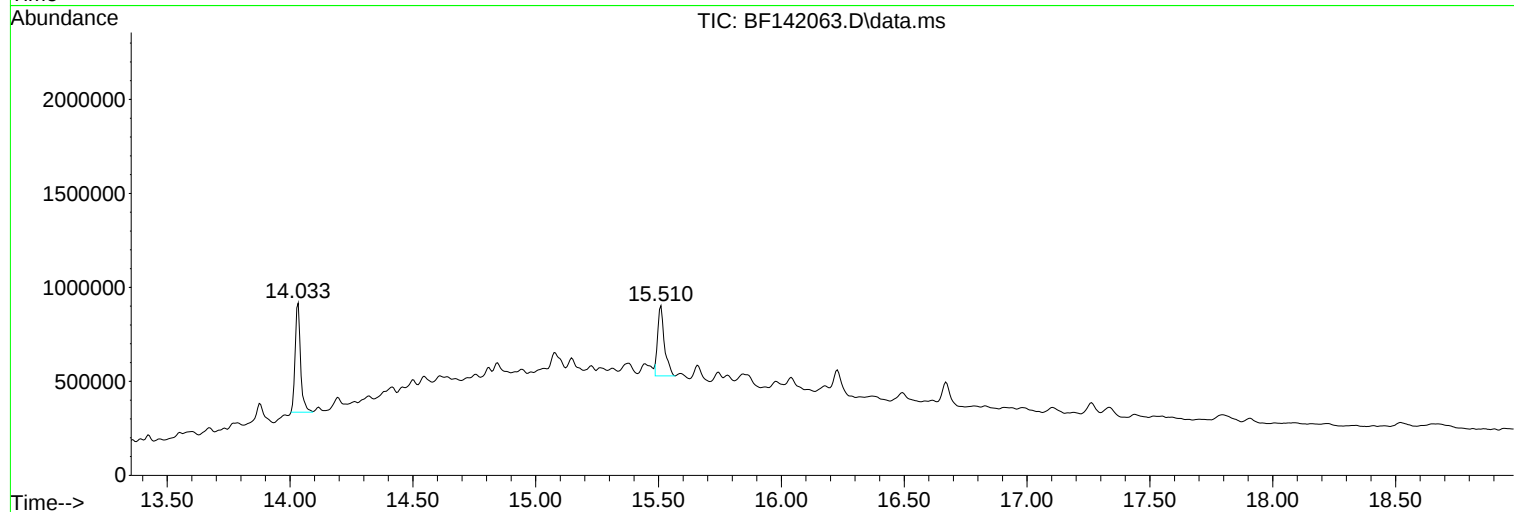
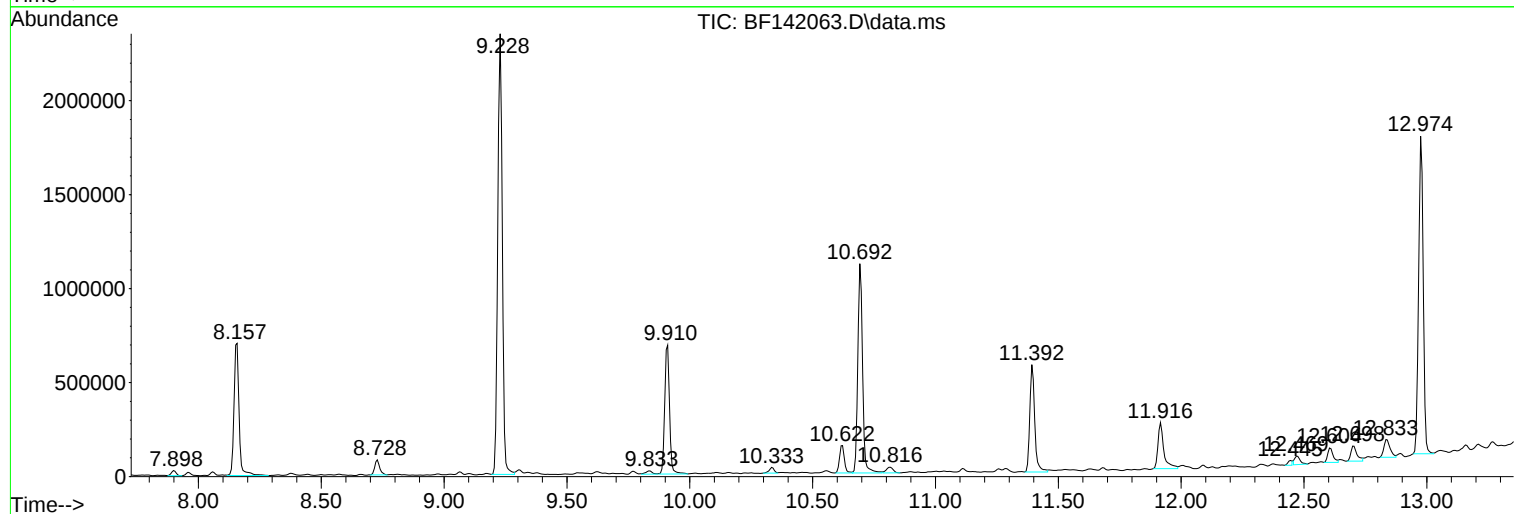
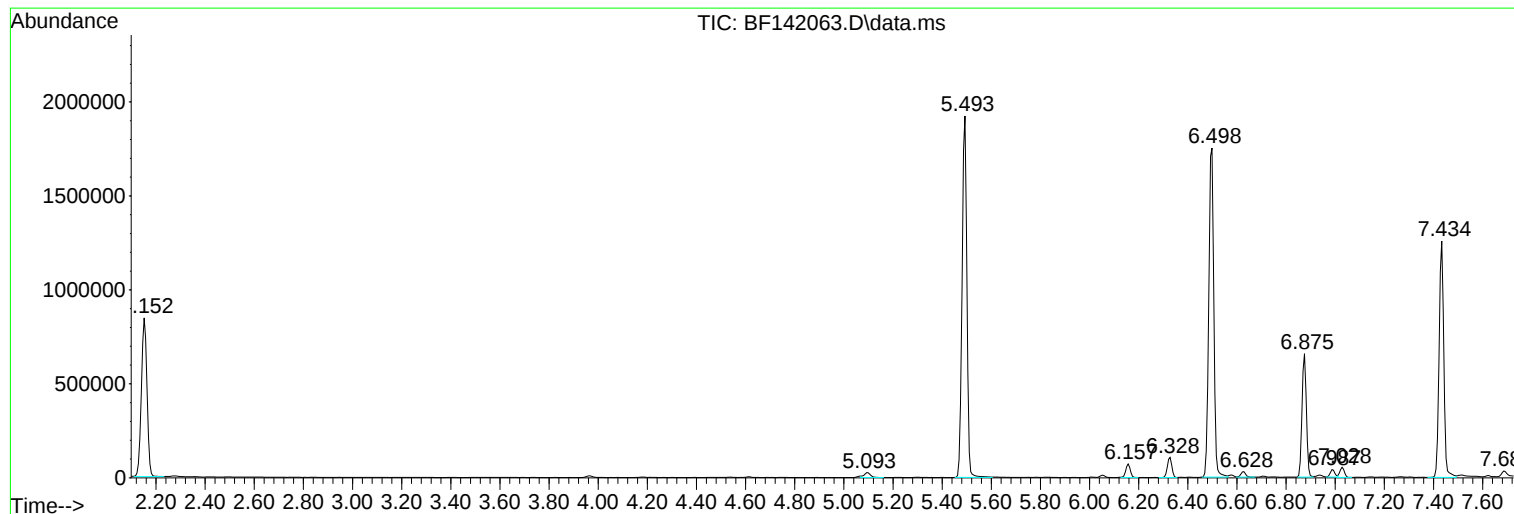
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Quant Method : T:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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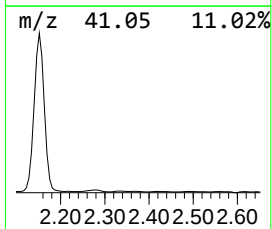
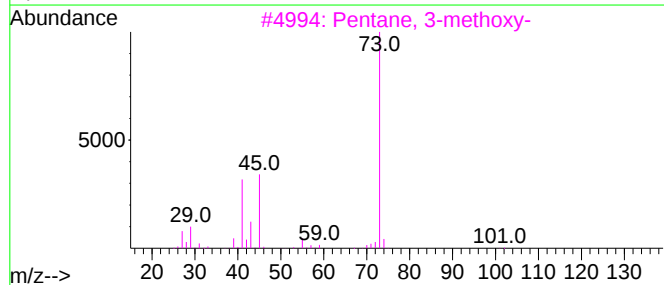
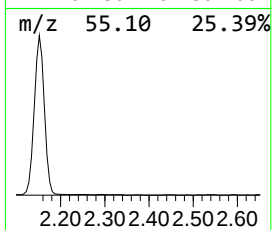
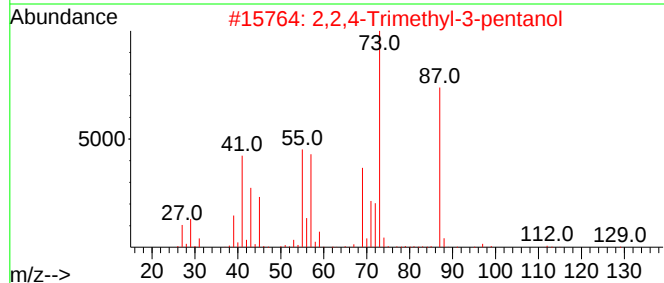
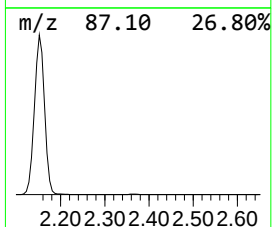
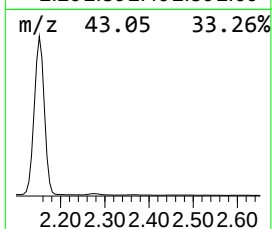
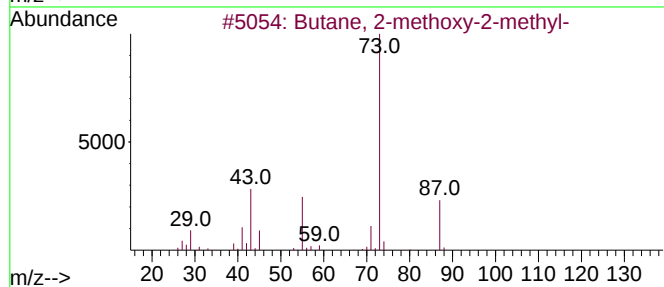
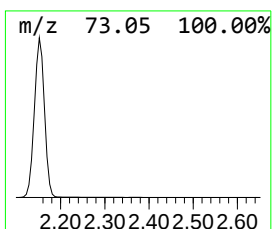
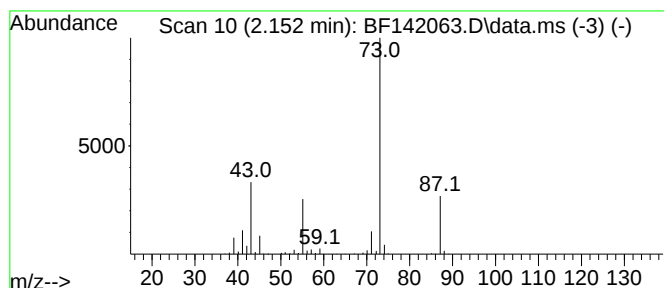
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.152	32.96 ng	1339970	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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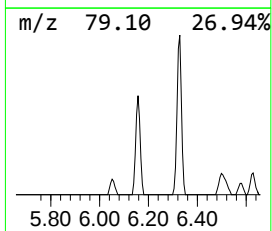
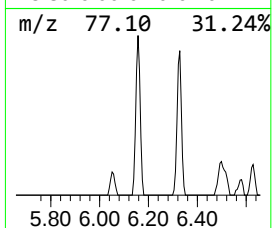
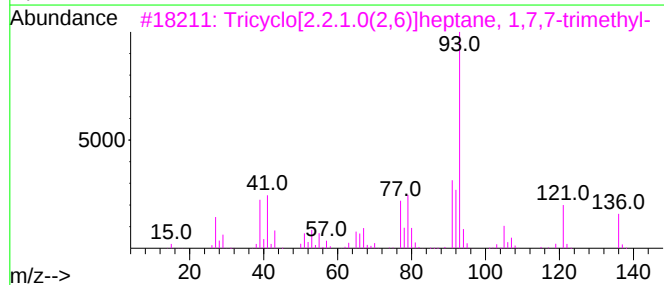
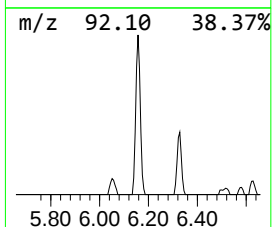
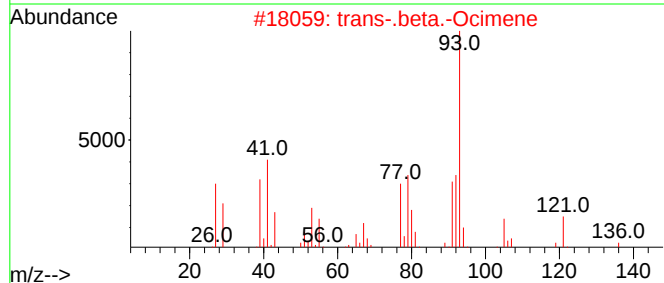
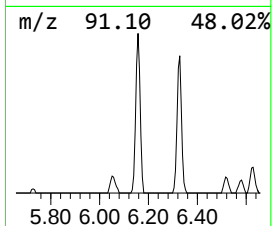
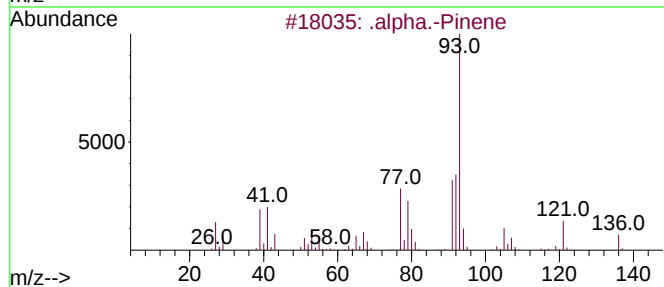
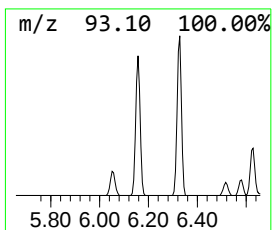
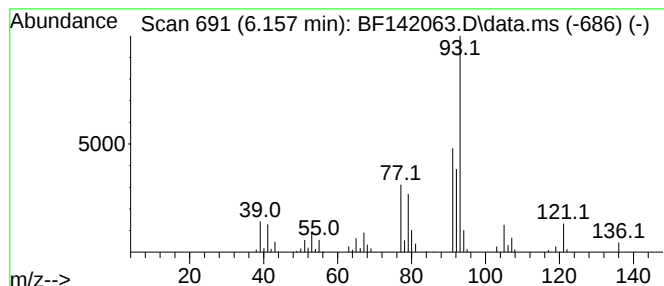
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 .alpha.-Pinene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.157	2.27 ng	92362	1,4-Dichlorobenzene-d4	6.875

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.alpha.-Pinene	136	C10H16	000080-56-8	94
2		trans-.beta.-Ocimene	136	C10H16	003779-61-1	94
3		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
4		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	91
5		(1S)-2,6,6-Trimethylbicyclo[3.1...	136	C10H16	007785-26-4	91



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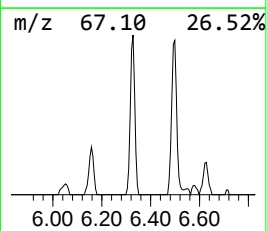
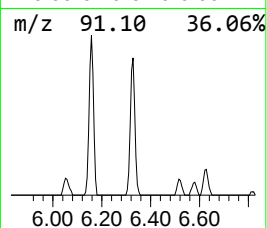
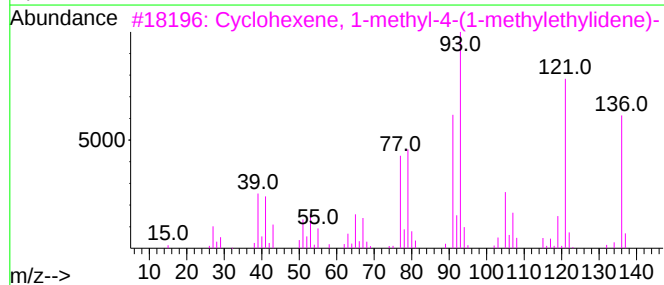
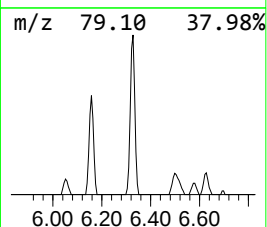
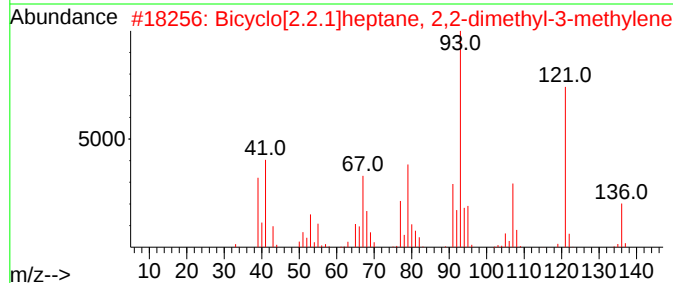
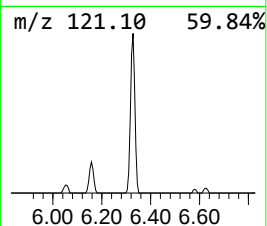
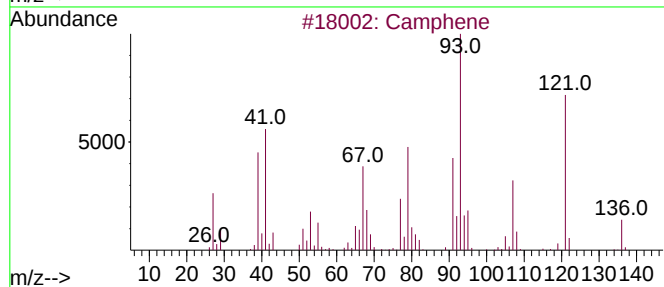
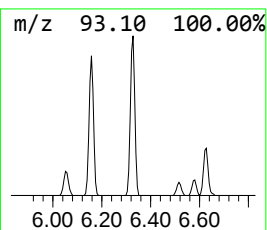
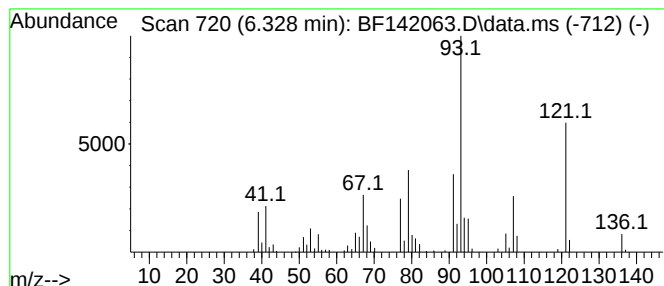
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Camphene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.328	3.38 ng	137289	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Camphene	136	C10H16	000079-92-5	96
2			Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	94
3			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	74
4			(+)-4-Carene	136	C10H16	029050-33-7	74
5			Bicyclo[3.1.0]hexane, 6-isopropy...	136	C10H16	024524-57-0	72



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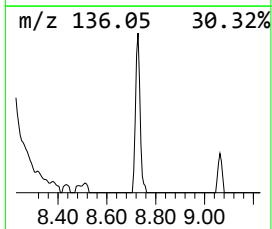
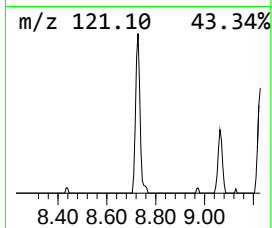
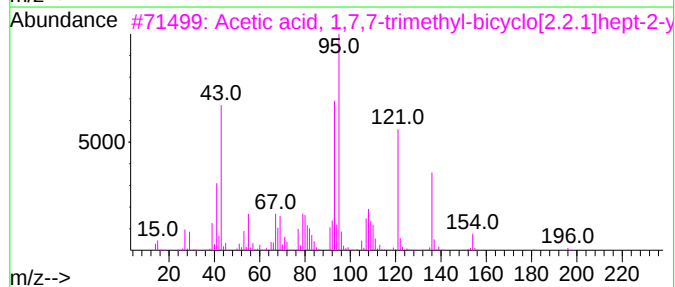
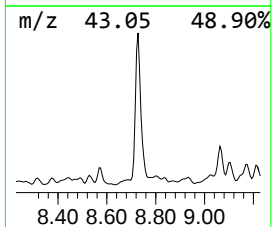
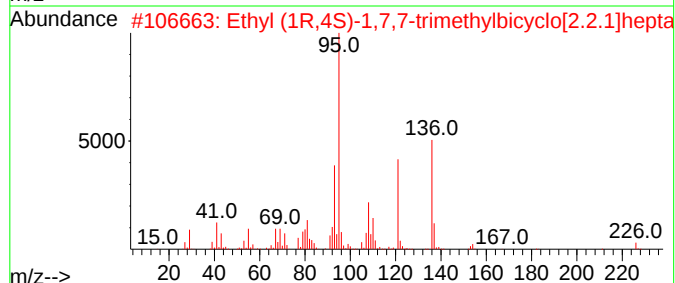
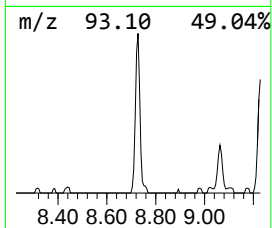
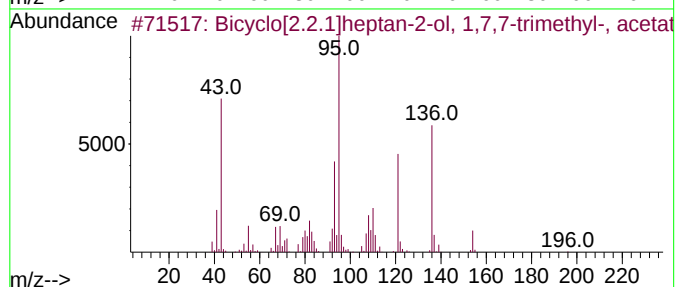
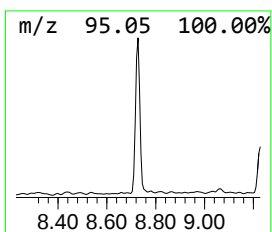
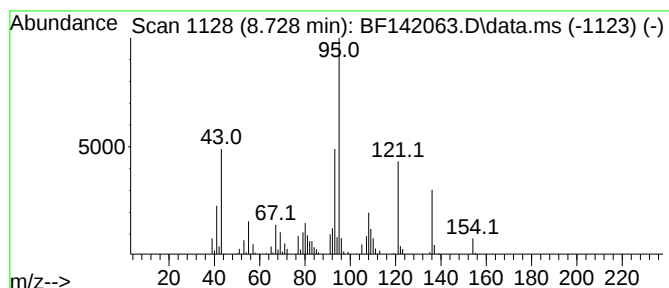
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Peak Number 4 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.728	2.19 ng	110013	Naphthalene-d8	8.157

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	196	C12H20O2	005655-61-8	90
2		Ethyl (1R,4S)-1,7,7-trimethylbic...	226	C13H22O3	1010373-77-2	80
3		Acetic acid, 1,7,7-trimethyl-bic...	196	C12H20O2	092618-89-8	68
4		Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	182	C11H18O2	007492-41-3	64
5		Bornyl acetate	196	C12H20O2	000076-49-3	53



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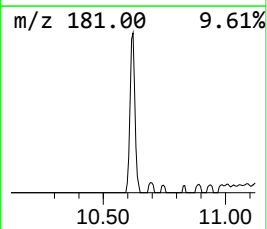
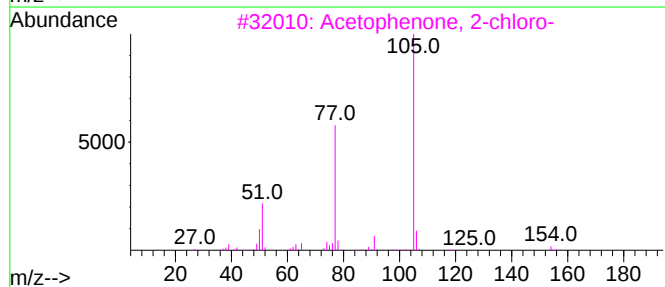
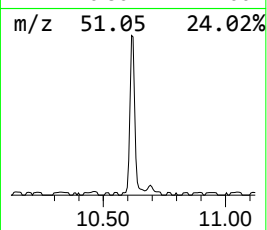
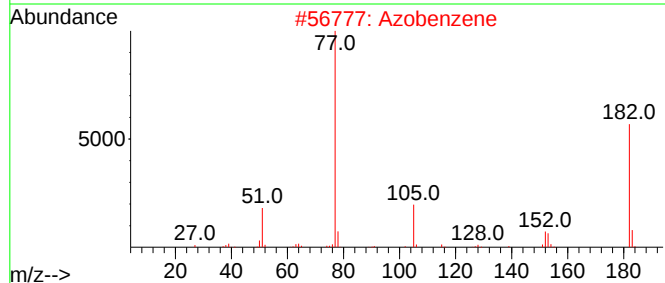
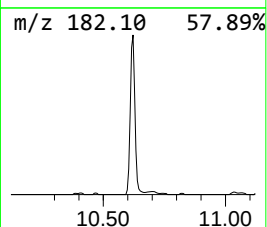
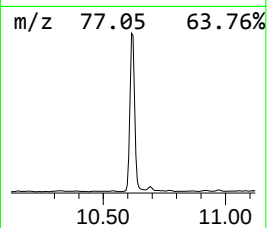
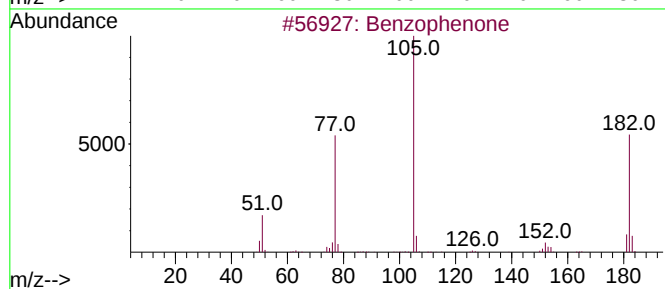
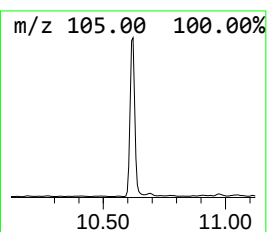
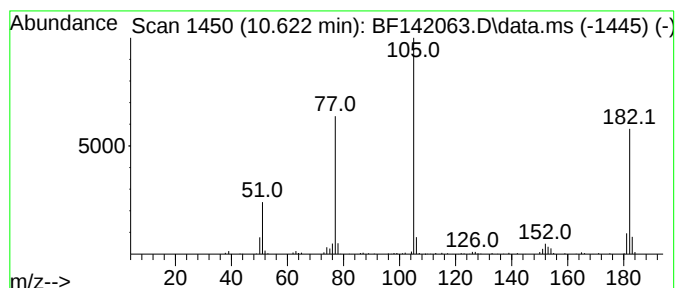
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Peak Number 5 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	4.31 ng	201661	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Azobenzene	182	C12H10N2	000103-33-3	64
3			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4			1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47
5			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47



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Misc :
ALS Vial : 21 Sample Multiplier: 1

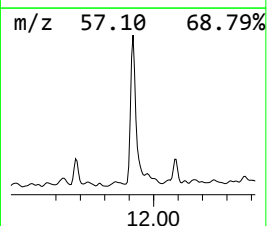
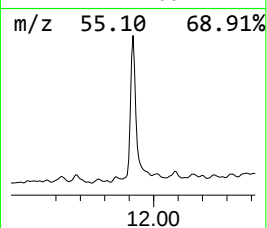
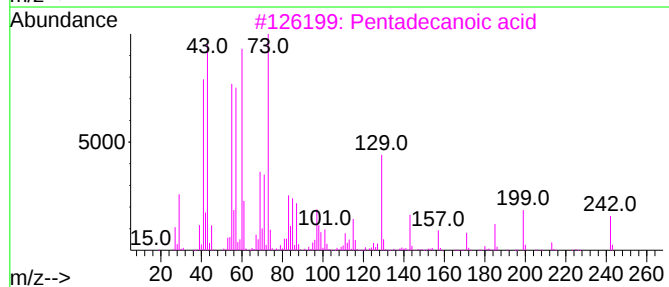
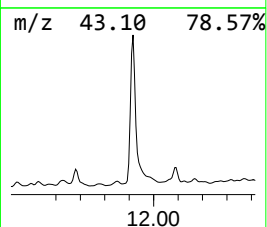
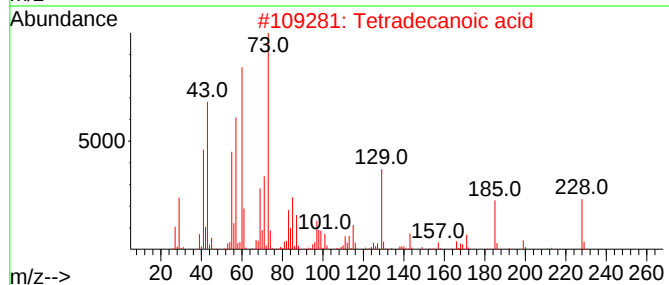
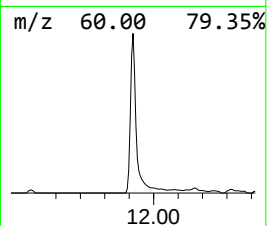
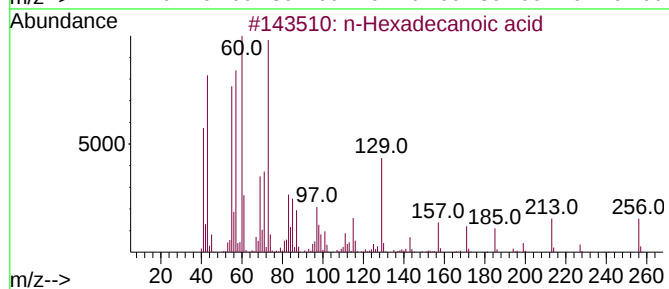
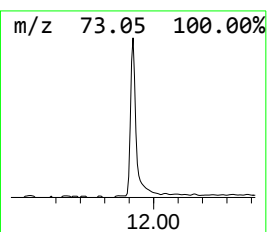
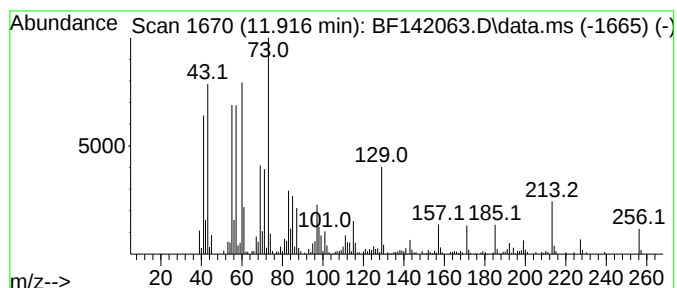
Instrument :
BNA_F
ClientSampleId :
OK-01-03212025

Quant Method : T:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.916	10.15 ng	405445	Phenanthrene-d10	11.392	
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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68



Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142063.D
Acq On : 24 Mar 2025 19:23
Operator : RC/JU
Sample : Q1624-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-03212025

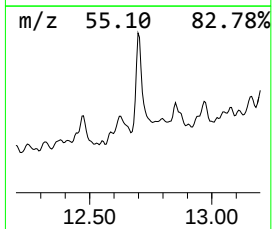
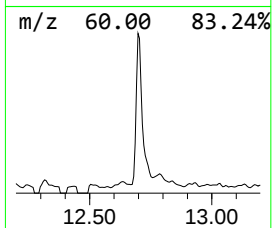
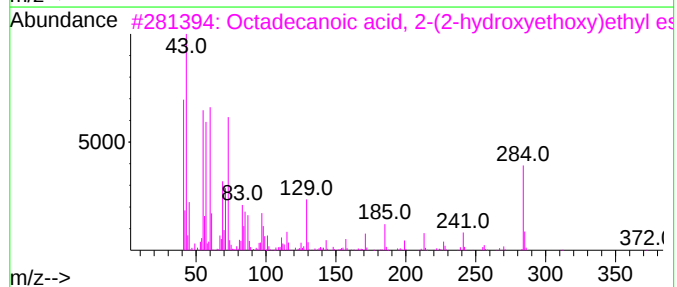
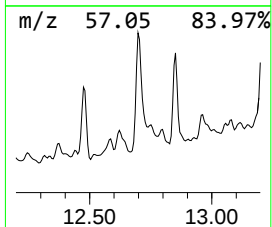
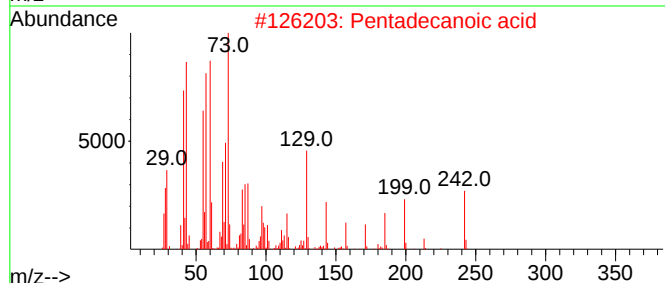
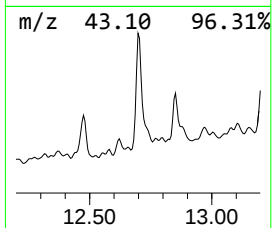
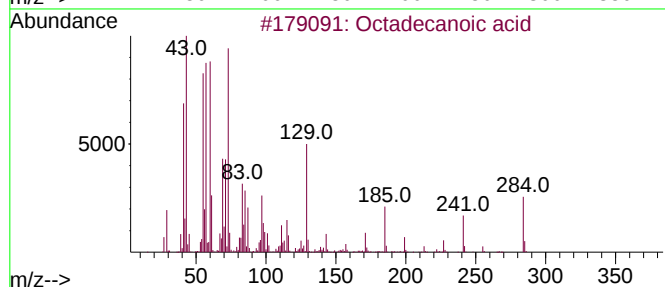
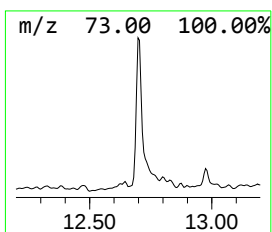
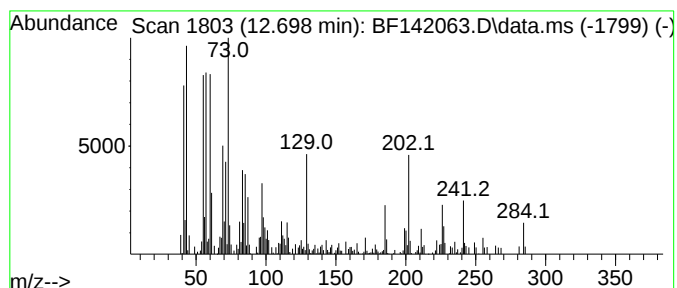
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.698	3.59 ng	143345	Phenanthrene-d10	11.392

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	78
3		Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	60
5		n-Decanoic acid	172	C10H20O2	000334-48-5	50



Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142063.D
Acq On : 24 Mar 2025 19:23
Operator : RC/JU
Sample : Q1624-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-03212025

Quant Method : T:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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
Butane, 2-metho...	2.152	33.0	ng	1339970	1	6.875	813068	20.0
.alpha.-Pinene	6.157	2.3	ng	92362	1	6.875	813068	20.0
Camphene	6.328	3.4	ng	137289	1	6.875	813068	20.0
Bicyclo[2.2.1]h...	8.728	2.2	ng	110013	2	8.157	1004470	20.0
Benzophenone	10.622	4.3	ng	201661	3	9.910	935169	20.0
n-Hexadecanoic ...	11.916	10.2	ng	405445	4	11.392	798907	20.0
Octadecanoic acid	12.698	3.6	ng	143345	4	11.392	798907	20.0