

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
 Data File : BF143238.D
 Acq On : 24 Jul 2025 17:26
 Operator : RC/JU
 Sample : Q2676-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-07222025

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-BF071725.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143238.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.275	8	14	25	rVB	317536	510240	54.34%	5.131%
2	5.181	502	508	516	rVB	60089	80148	8.54%	0.806%
3	5.587	571	577	582	rBV	582164	727625	77.49%	7.318%
4	6.581	740	746	755	rBV	543154	705224	75.11%	7.092%
5	6.963	805	811	817	rVB	408914	509598	54.27%	5.125%
6	7.510	895	904	909	rBV	366114	460254	49.02%	4.629%
7	8.239	1022	1028	1033	rBV	481837	597327	63.62%	6.007%
8	8.298	1035	1038	1042	rVV3	7578	9401	1.00%	0.095%
9	8.422	1051	1059	1060	rBV5	5380	10051	1.07%	0.101%
10	8.533	1074	1078	1084	rBV6	6468	11615	1.24%	0.117%
11	8.663	1096	1100	1103	rBV	10710	14415	1.54%	0.145%
12	9.263	1199	1202	1205	rVB	14281	15527	1.65%	0.156%
13	9.310	1205	1210	1215	rBV	649261	790865	84.23%	7.954%
14	9.398	1221	1225	1230	rBV2	18908	28797	3.07%	0.290%
15	9.716	1275	1279	1282	rBV4	24070	33771	3.60%	0.340%
16	9.869	1300	1305	1308	rBV5	8316	15855	1.69%	0.159%
17	9.922	1311	1314	1319	rVB	17019	22785	2.43%	0.229%
18	9.992	1321	1326	1332	rVV	446842	576495	61.40%	5.798%
19	10.422	1393	1399	1403	rBV2	21633	35163	3.74%	0.354%
20	10.645	1433	1437	1442	rVB	27027	39114	4.17%	0.393%
21	10.704	1442	1447	1454	rVB	62553	82086	8.74%	0.826%
22	10.780	1455	1460	1465	rBV	349283	439302	46.79%	4.418%
23	10.910	1476	1482	1489	rVB	53951	97674	10.40%	0.982%
24	11.345	1552	1556	1559	rBV	22969	33375	3.55%	0.336%
25	11.380	1559	1562	1567	rVB	35280	47391	5.05%	0.477%
26	11.480	1574	1579	1587	rBV	493855	688007	73.27%	6.919%
27	11.774	1625	1629	1633	rVB	23228	28340	3.02%	0.285%
28	11.998	1662	1667	1679	rBV3	61890	120476	12.83%	1.212%
29	12.092	1680	1683	1691	rVB	25400	46212	4.92%	0.465%
30	12.180	1694	1698	1702	rVB	22451	26940	2.87%	0.271%
31	12.533	1755	1758	1760	rBV	11740	14020	1.49%	0.141%
32	12.569	1761	1764	1768	rVB	23555	28921	3.08%	0.291%
33	12.692	1781	1785	1792	rBV	206817	281936	30.03%	2.835%
34	12.786	1798	1801	1808	rBV6	13061	25733	2.74%	0.259%
35	12.921	1818	1824	1831	rBV	192908	300762	32.03%	3.025%
36	13.063	1843	1848	1855	rVB	744787	938959	100.00%	9.443%

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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_F\Methods\8270-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.963	1998	2001	2012	rVB	60823	105405	11.23%	1.060%
38	14.121	2022	2028	2038	rVB2	558574	937108	99.80%	9.424%
39	15.621	2279	2283	2296	rVB	272043	506463	53.94%	5.093%

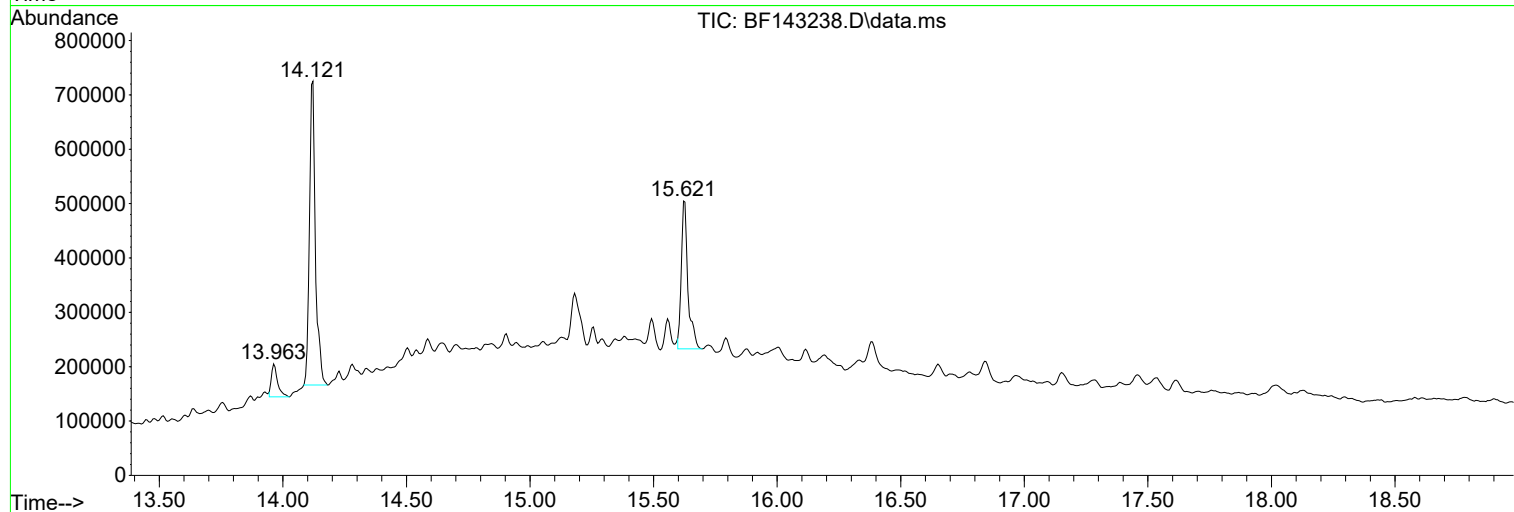
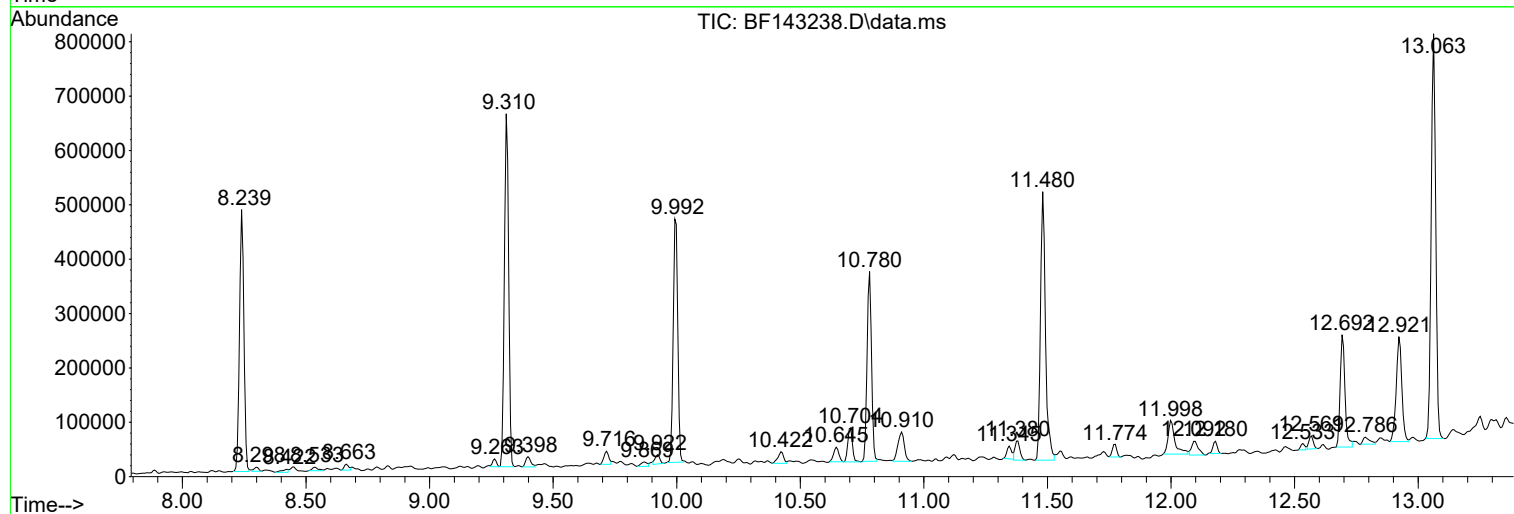
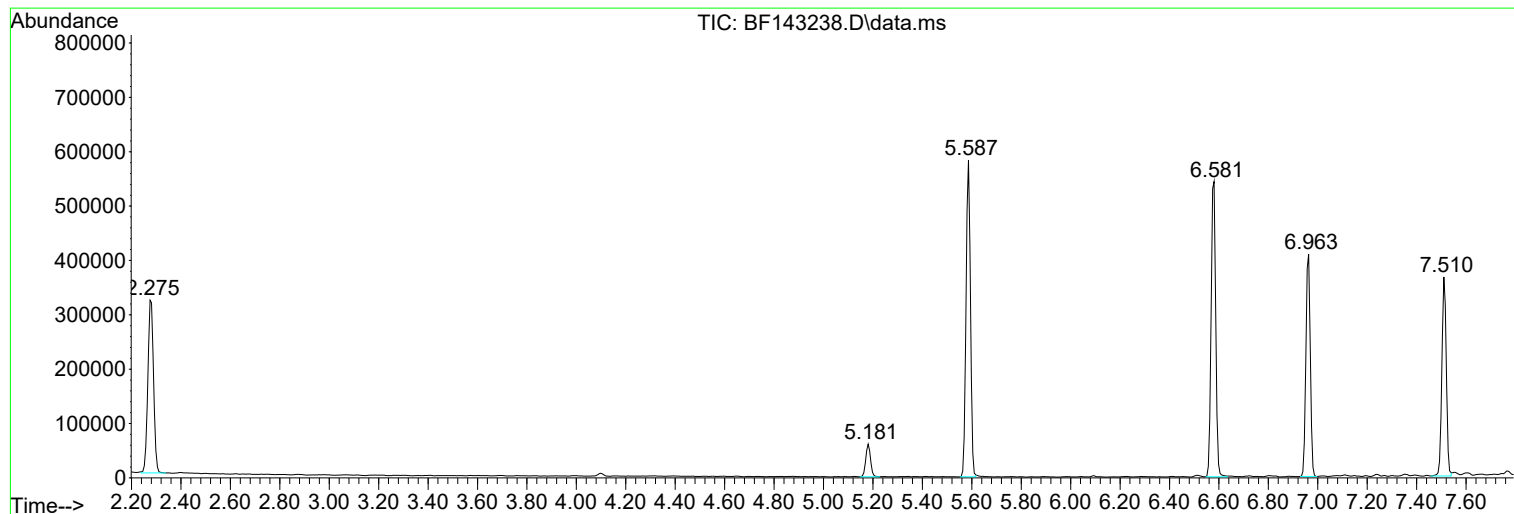
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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HD-01-07222025

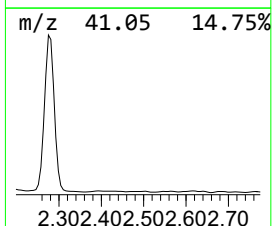
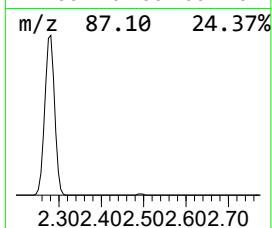
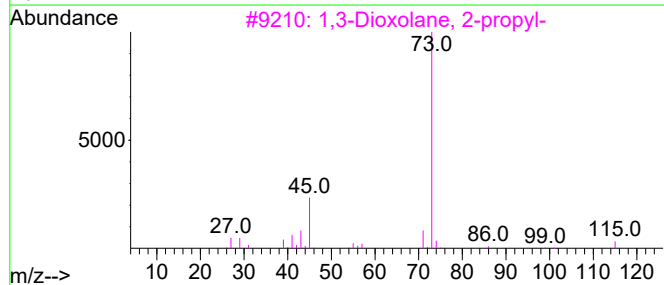
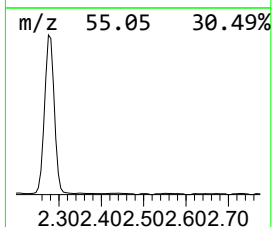
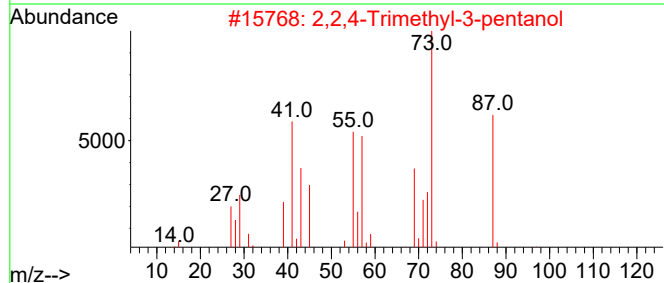
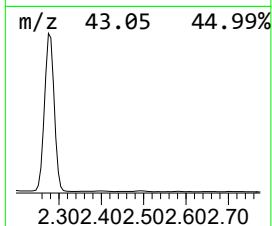
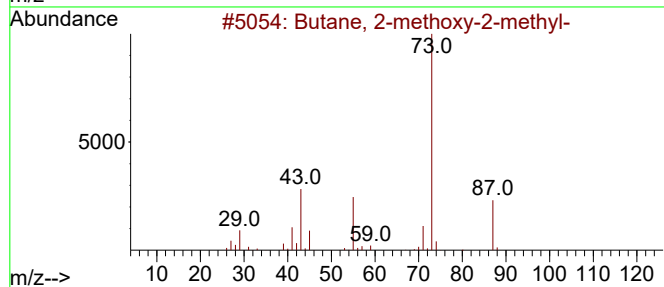
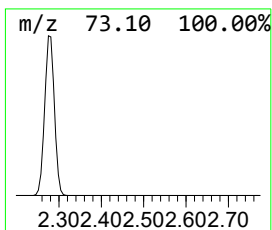
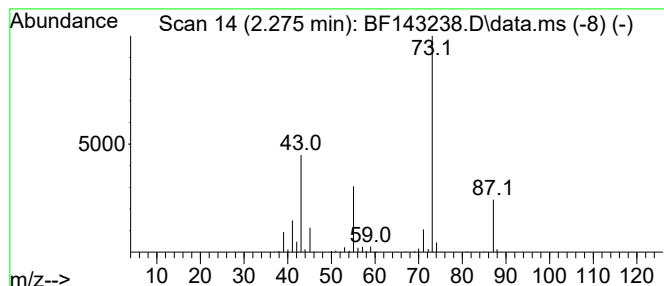
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.275	20.03 ng	510240	1,4-Dichlorobenzene-d4	6.963

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			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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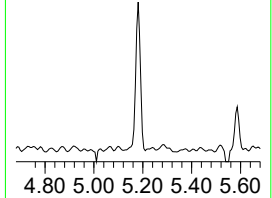
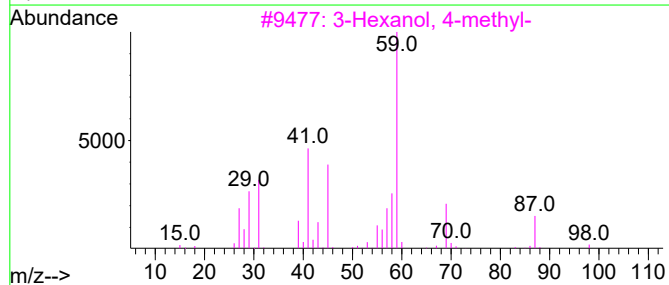
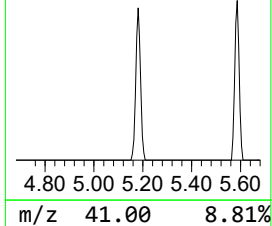
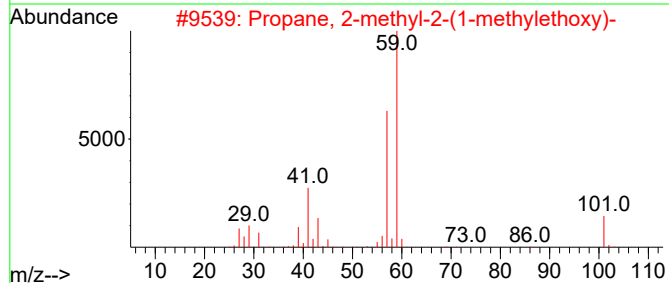
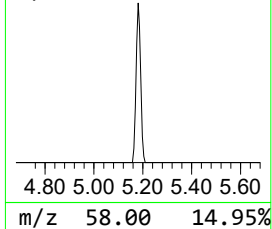
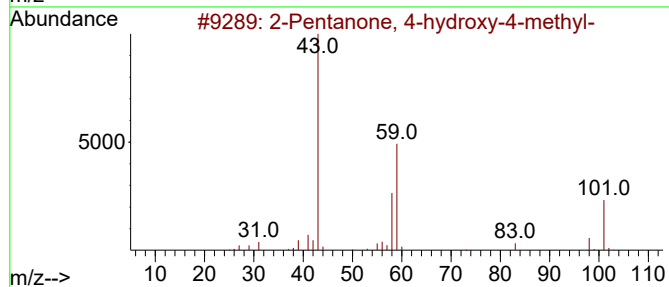
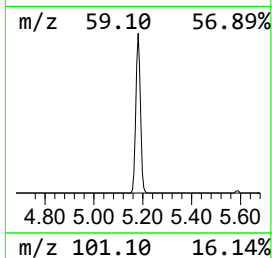
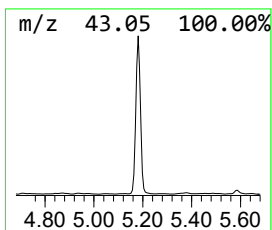
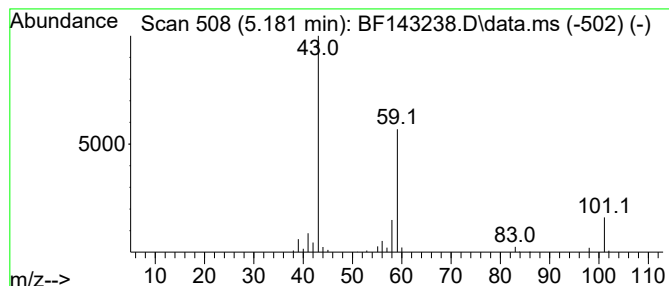
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.181	3.15 ng	80148	1,4-Dichlorobenzene-d4	6.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28



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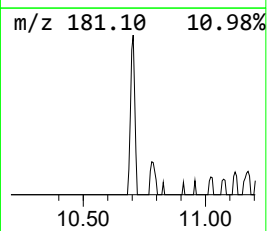
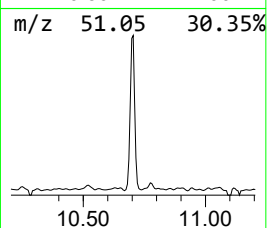
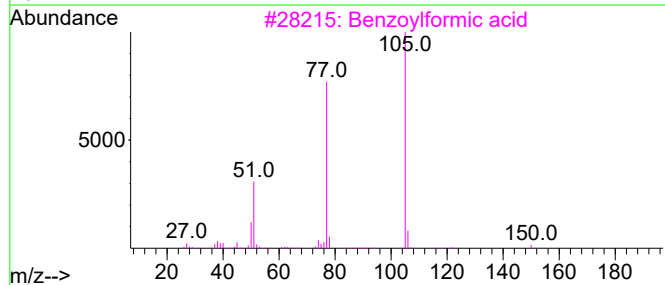
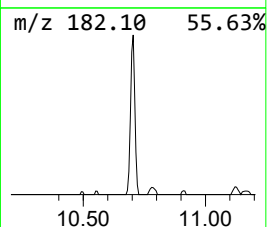
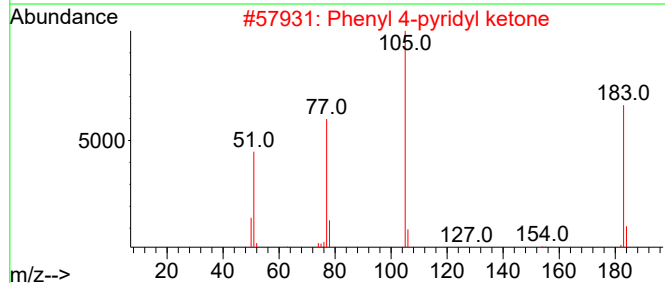
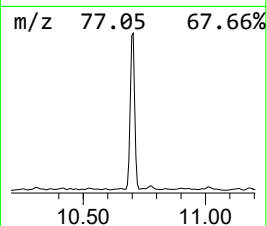
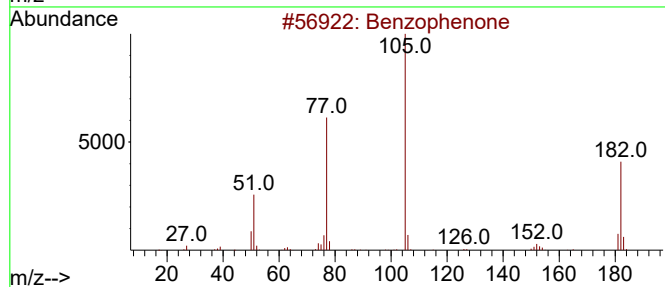
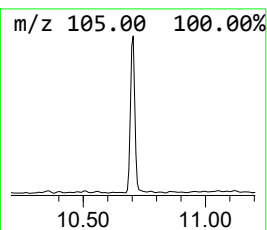
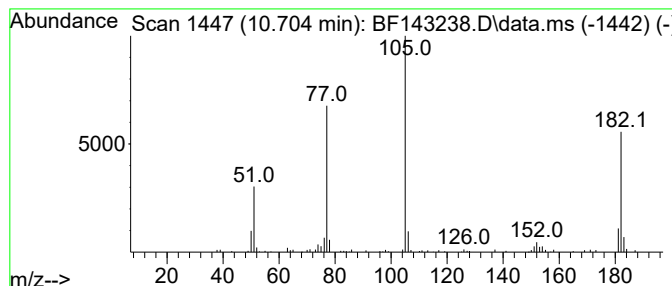
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.704	2.85 ng	82086	Acenaphthene-d10	9.992

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	58
3			Benzoylformic acid	150	C8H6O3	000611-73-4	49
4			Ethyl 2-benzoyl-4-cyanobutanoate	245	C14H15NO3	1000486-83-9	47
5			Benzilamide	227	C14H13NO2	004746-87-6	47



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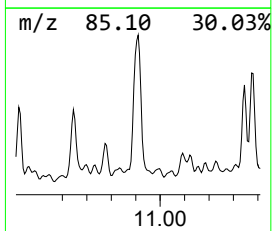
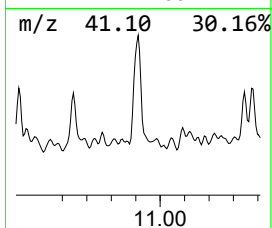
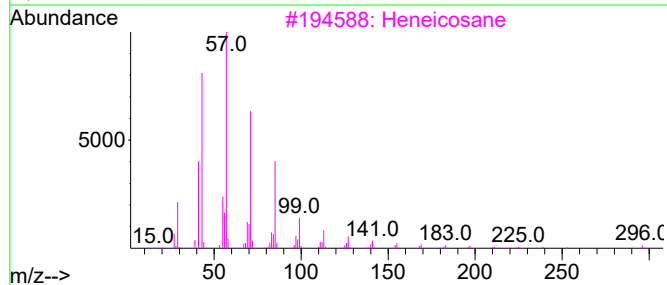
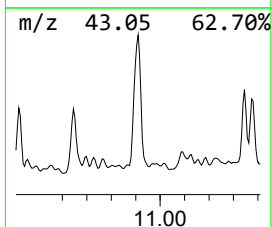
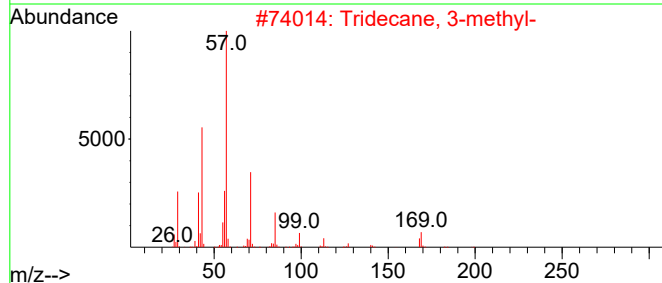
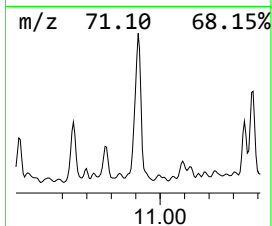
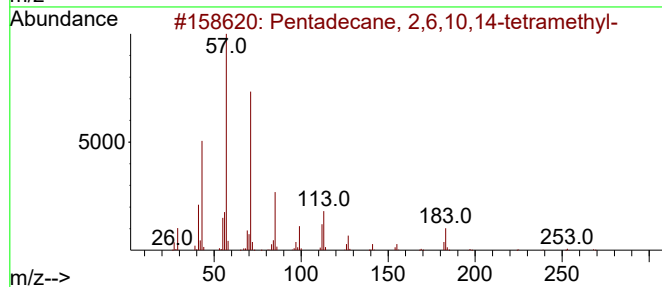
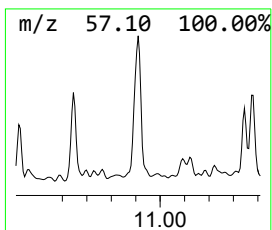
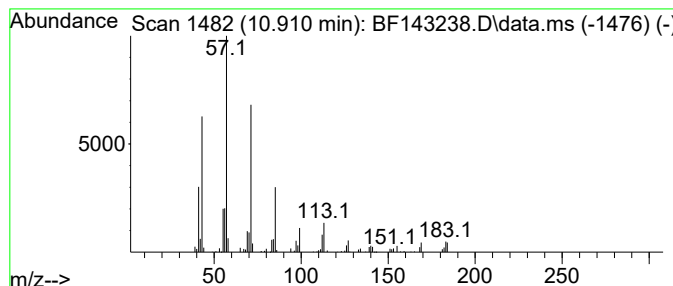
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Pentadecane, 2,6,10,14-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.910	2.84 ng	97674	Phenanthrene-d10		11.480	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-		268	C19H40	001921-70-6	86
2	Tridecane, 3-methyl-		198	C14H30	006418-41-3	80
3	Heneicosane		296	C21H44	000629-94-7	72
4	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	72
5	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	72



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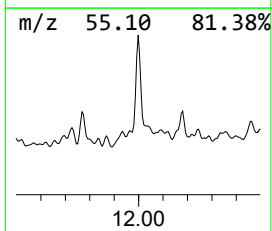
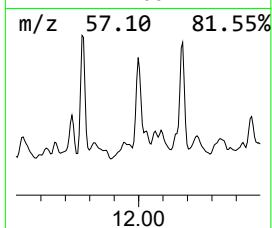
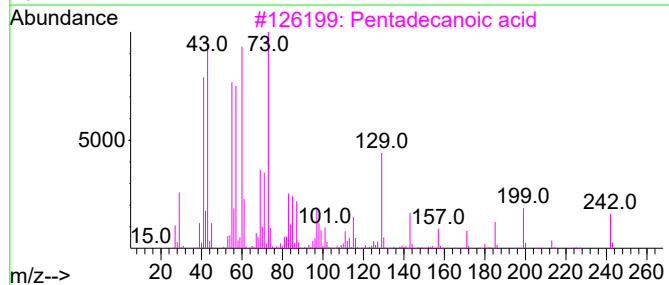
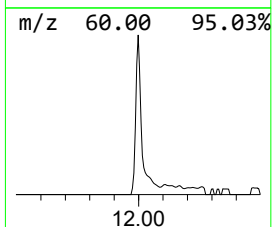
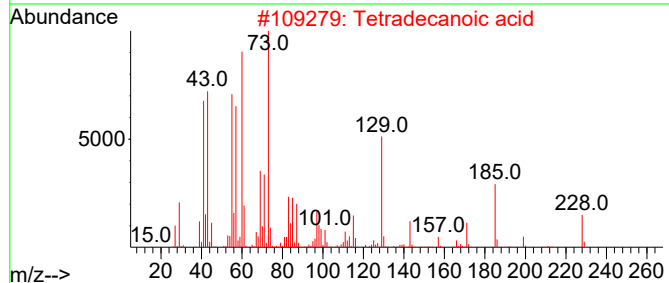
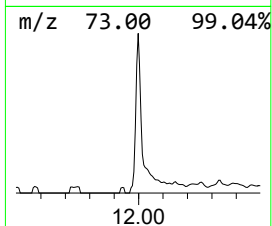
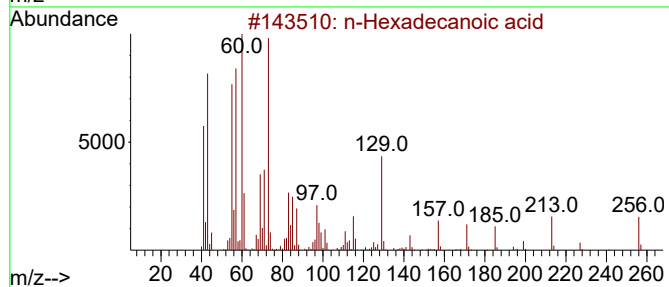
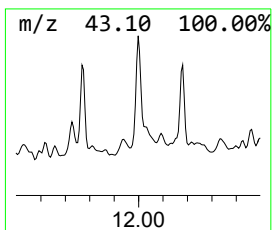
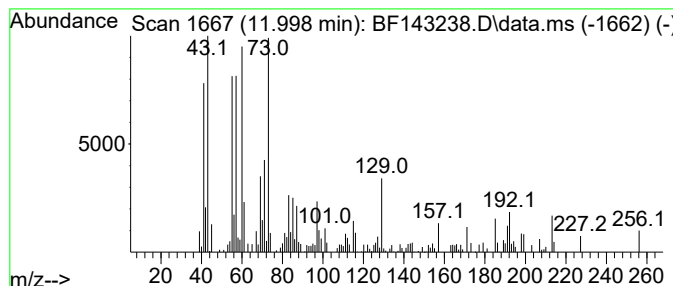
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	3.50 ng	120476	Phenanthrene-d10	11.480

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	83
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4			Tridecanoic acid	214	C13H26O2	000638-53-9	70
5			Undecanoic acid	186	C11H22O2	000112-37-8	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143238.D
Acq On : 24 Jul 2025 17:26
Operator : RC/JU
Sample : Q2676-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-07222025

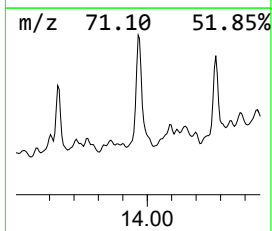
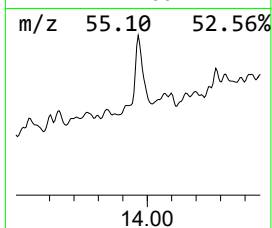
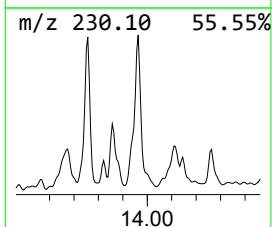
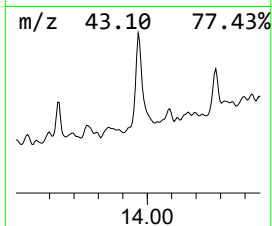
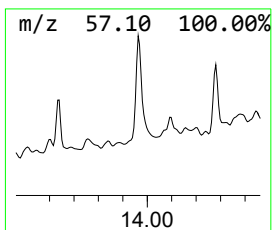
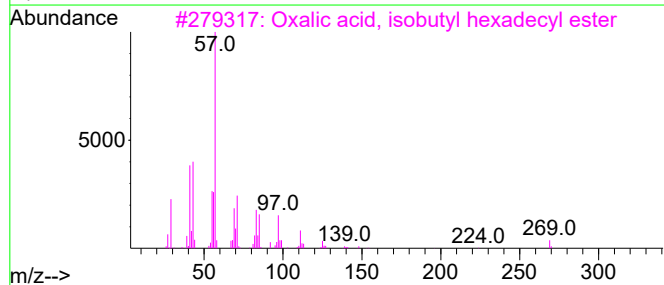
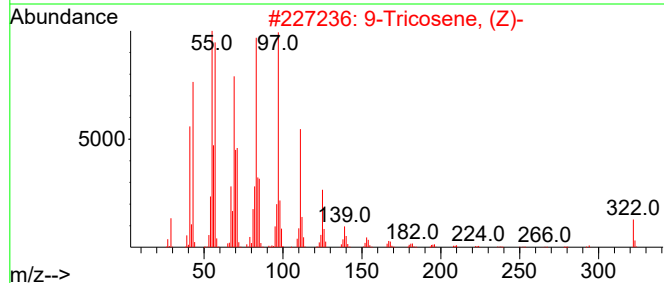
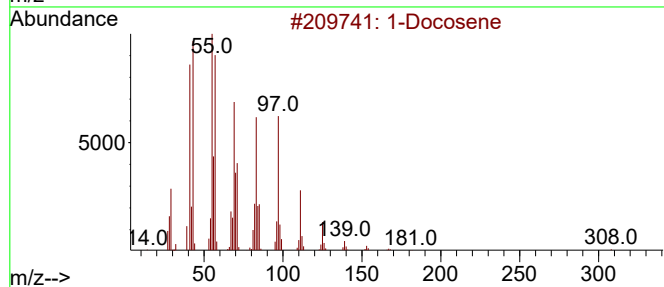
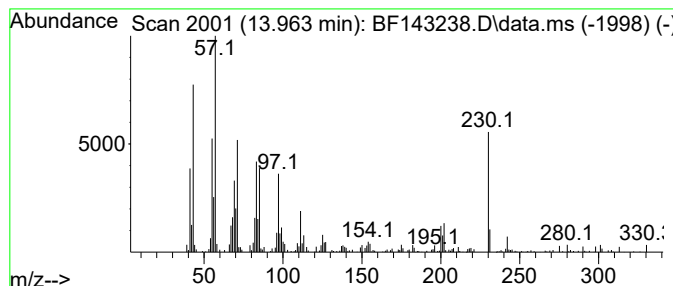
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Docosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.963	2.25 ng	105405	Chrysene-d12	14.121

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Docosene	308	C22H44	001599-67-3	93
2			9-Tricosene, (Z)-	322	C23H46	027519-02-4	58
3			Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	58
4			Isobutyl tetracosyl ether	410	C28H58O	1000406-33-2	58
5			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143238.D
Acq On : 24 Jul 2025 17:26
Operator : RC/JU
Sample : Q2676-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-07222025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.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...	2.275	20.0	ng	510240	1	6.963	509598	20.0
2-Pentanone, 4-...	5.181	3.1	ng	80148	1	6.963	509598	20.0
Benzophenone	10.704	2.9	ng	82086	3	9.992	576495	20.0
Pentadecane, 2,...	10.910	2.8	ng	97674	4	11.480	688007	20.0
n-Hexadecanoic ...	11.998	3.5	ng	120476	4	11.480	688007	20.0
1-Docosene	13.963	2.3	ng	105405	5	14.121	937108	20.0