

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
 Data File : BF143339.D
 Acq On : 06 Aug 2025 19:38
 Operator : RC/JU
 Sample : Q2774-03 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 256

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: BF143339.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.269	5	13	23	rVB	299202	472700	15.44%	1.761%
2	5.187	501	509	520	rVB	44823	65897	2.15%	0.245%
3	5.593	573	578	598	rVB	449538	601552	19.65%	2.241%
4	6.257	686	691	695	rBV	41544	50882	1.66%	0.190%
5	6.587	742	747	757	rBV	400844	522542	17.07%	1.946%
6	6.675	757	762	766	rVB	74573	92965	3.04%	0.346%
7	6.963	806	811	816	rBV	416725	502543	16.41%	1.872%
8	7.516	896	905	915	rBV	300099	387110	12.64%	1.442%
9	8.245	1023	1029	1038	rBV	469082	621609	20.30%	2.315%
10	9.316	1205	1211	1217	rBV	512974	661691	21.61%	2.465%
11	9.869	1300	1305	1308	rBV	37817	80640	2.63%	0.300%
12	9.998	1319	1327	1331	rBV	570678	879676	28.73%	3.276%
13	10.786	1458	1461	1467	rBV	219769	404668	13.22%	1.507%
14	11.492	1578	1581	1583	rBV	384459	528431	17.26%	1.968%
15	11.516	1583	1585	1590	rVB	845217	1023244	33.42%	3.811%
16	12.716	1784	1789	1793	rVB	2134947	2787005	91.02%	10.380%
17	12.945	1822	1828	1833	rVB	1959315	3061953	100.00%	11.405%
18	13.075	1846	1850	1858	rVB3	520884	909801	29.71%	3.389%
19	13.333	1890	1894	1897	rBV	149037	210072	6.86%	0.782%
20	13.769	1966	1968	1973	rVB	117559	142532	4.65%	0.531%
21	13.886	1984	1988	1990	rBV3	195183	271455	8.87%	1.011%
22	13.939	1994	1997	2000	rVV2	128299	164937	5.39%	0.614%
23	14.051	2012	2016	2020	rBV	122334	243797	7.96%	0.908%
24	14.127	2023	2029	2033	rVV3	1526155	3033220	99.06%	11.298%
25	14.163	2033	2035	2042	rVV	1299639	1586193	51.80%	5.908%
26	14.245	2045	2049	2052	rVB	197052	253375	8.27%	0.944%
27	14.351	2064	2067	2072	rVB2	136464	186013	6.07%	0.693%
28	14.604	2106	2110	2115	rBV6	106359	243254	7.94%	0.906%
29	14.916	2160	2163	2175	rVB5	85787	199855	6.53%	0.744%
30	15.204	2206	2212	2225	rBV	1073973	2680499	87.54%	9.984%
31	15.516	2260	2265	2272	rVB	599328	1044941	34.13%	3.892%
32	15.586	2272	2277	2282	rVB	613665	928526	30.32%	3.458%
33	15.651	2283	2288	2290	rBV	246911	391820	12.80%	1.459%
34	17.198	2545	2551	2560	rVB2	313774	677781	22.14%	2.524%
35	17.380	2576	2582	2587	rBV	100571	261081	8.53%	0.972%
36	17.668	2623	2631	2638	rBV	273471	619326	20.23%	2.307%

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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	18.586	2783	2787	2788	rBV2	39454	54920	1.79%	0.205%
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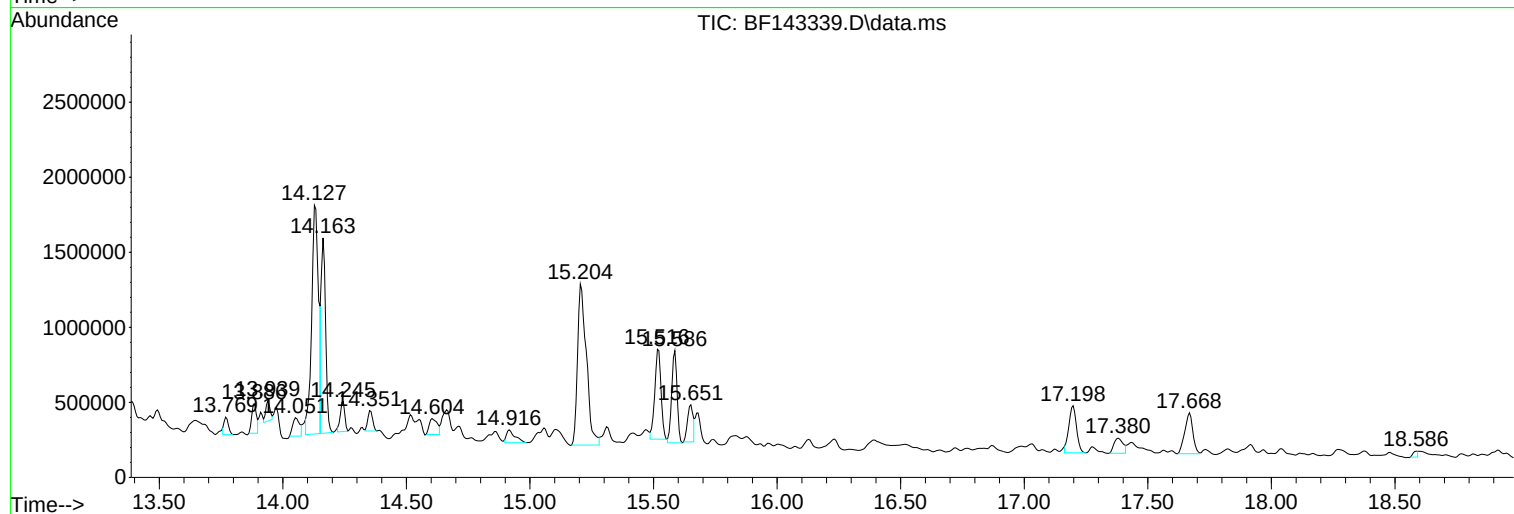
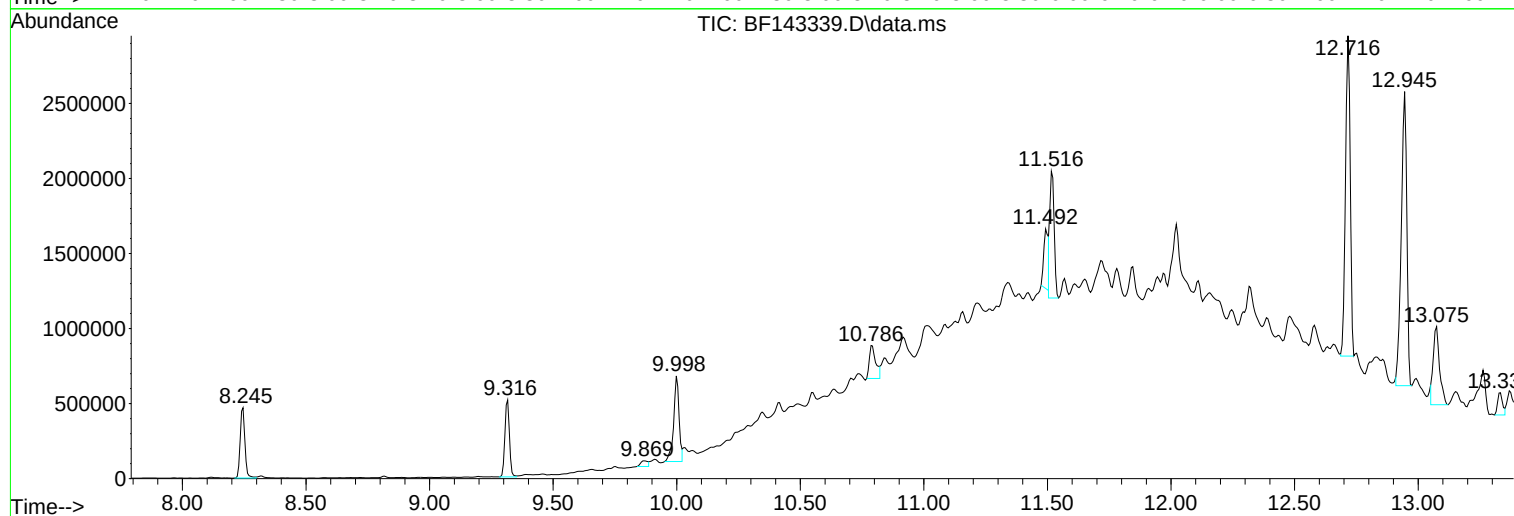
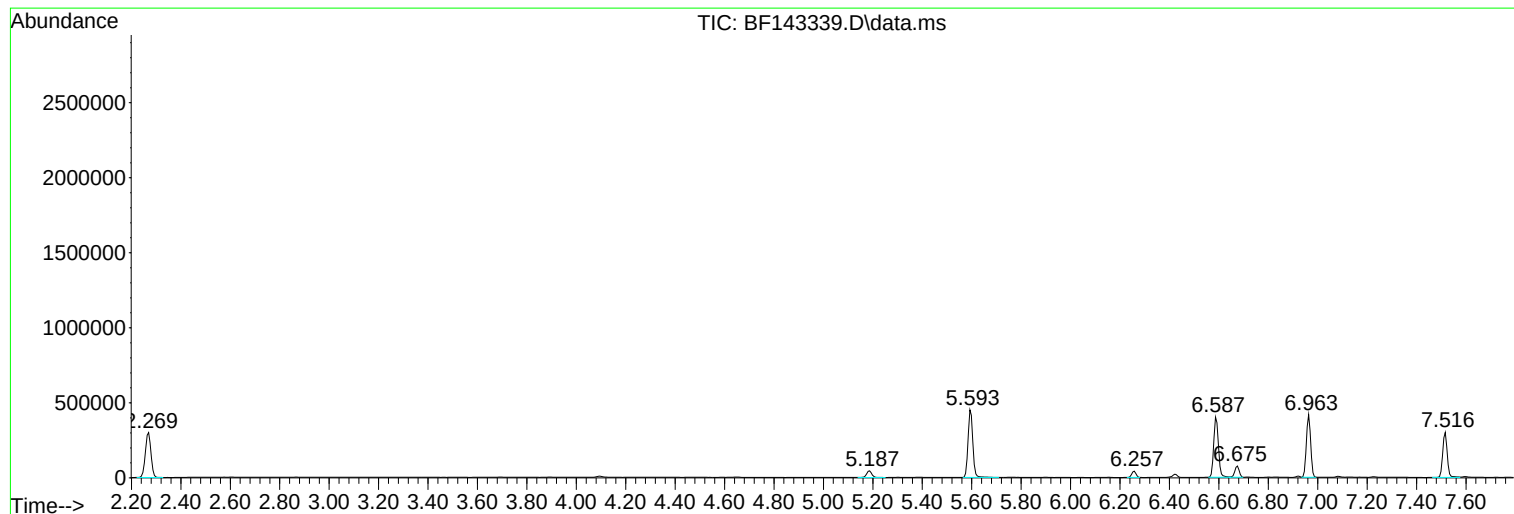
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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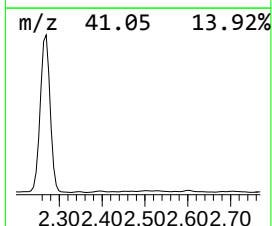
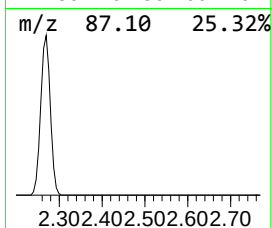
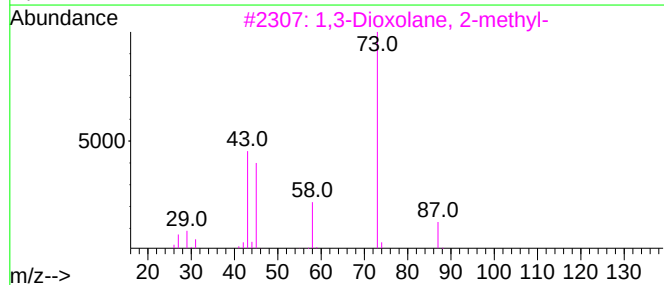
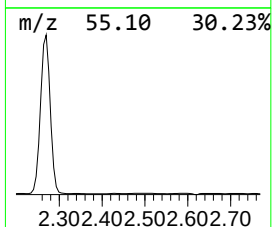
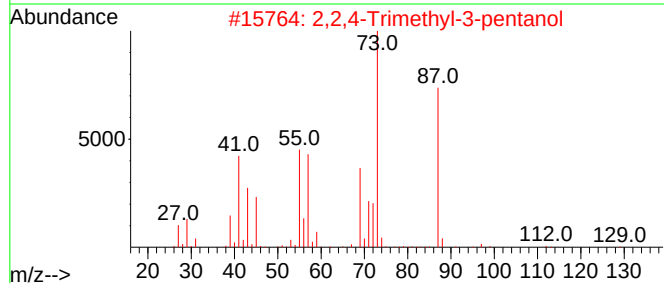
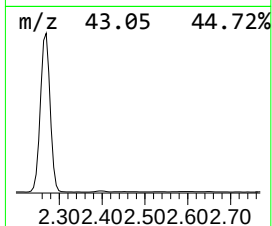
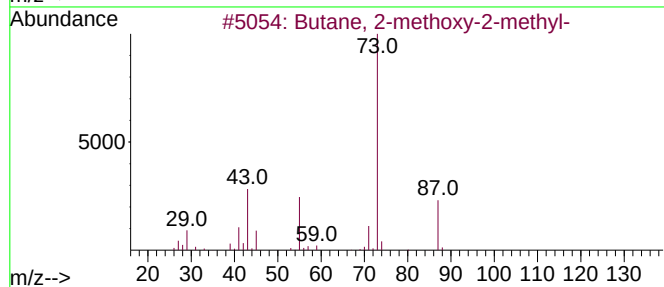
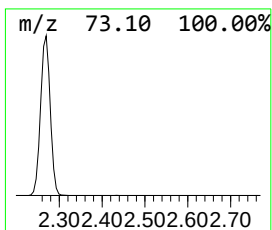
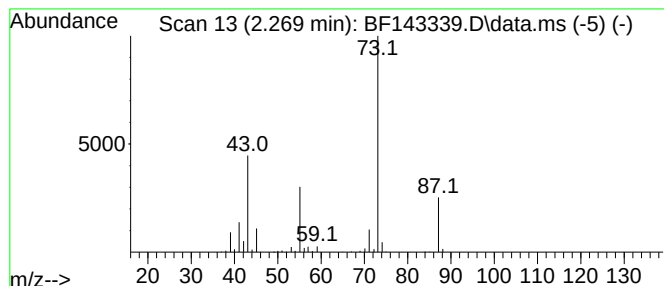
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.269	18.81 ng	472700	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	39
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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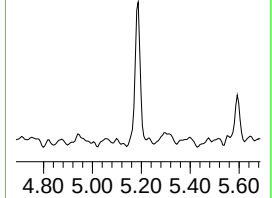
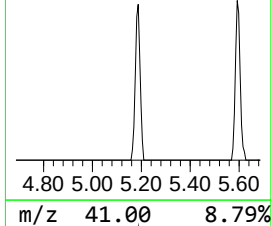
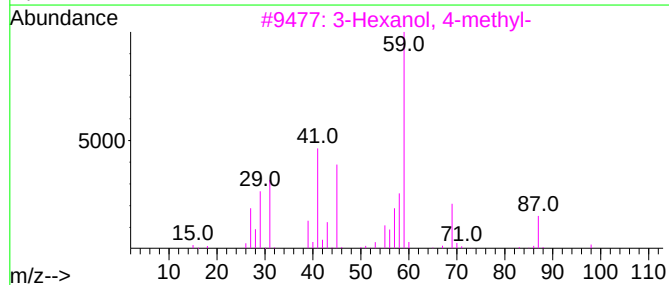
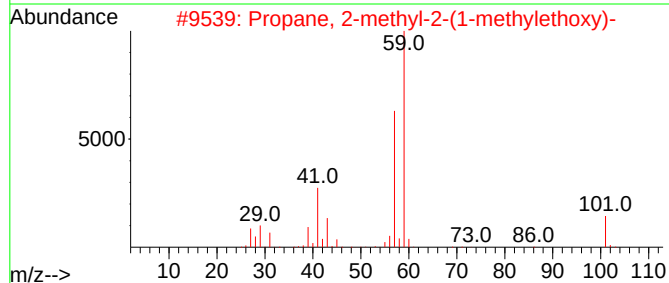
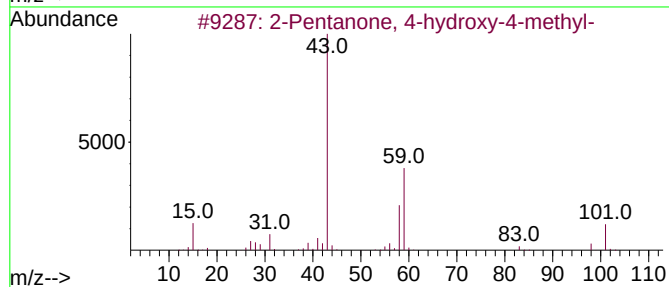
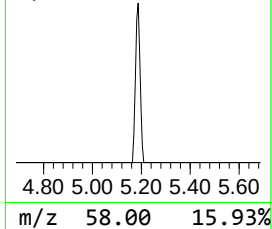
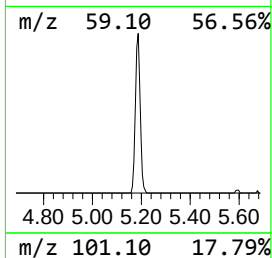
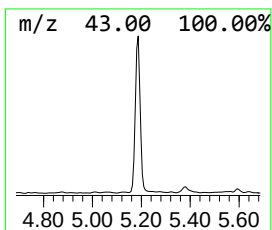
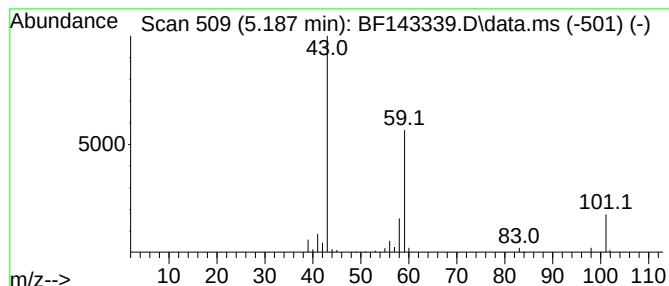
Instrument :
BNA_F
ClientSampleId :
256

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
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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 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.187	2.62 ng	65897	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	53
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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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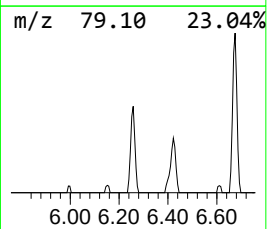
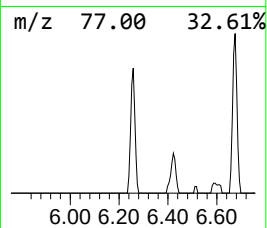
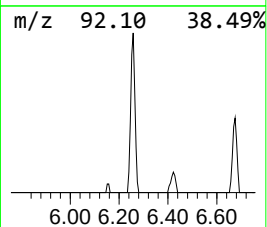
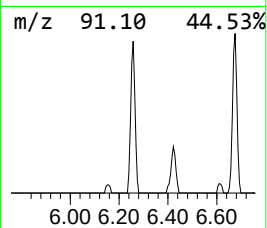
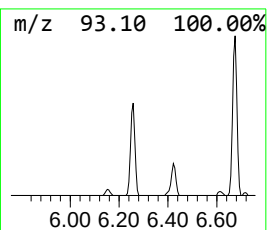
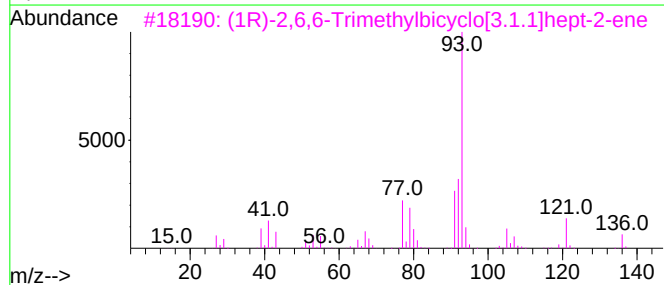
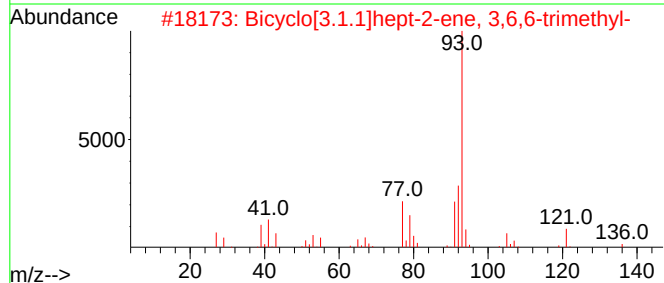
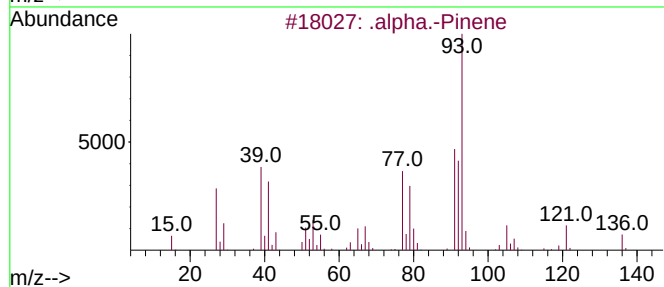
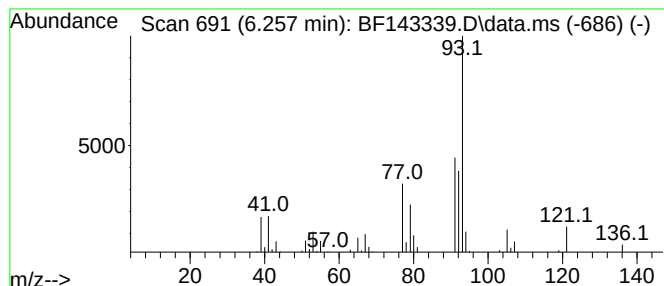
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 .alpha.-Pinene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.257	2.02 ng	50882	1,4-Dichlorobenzene-d4	6.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.		.alpha.-Pinene	136	C10H16	000080-56-8	94
2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...			136	C10H16	004889-83-2	94
3	(1R)-2,6,6-Trimethylbicyclo[3.1....			136	C10H16	007785-70-8	91
4	(1S)-2,6,6-Trimethylbicyclo[3.1....			136	C10H16	007785-26-4	91
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...			136	C10H16	000488-97-1	86



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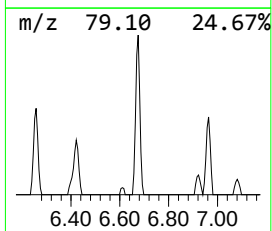
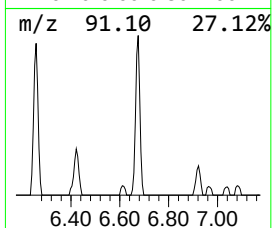
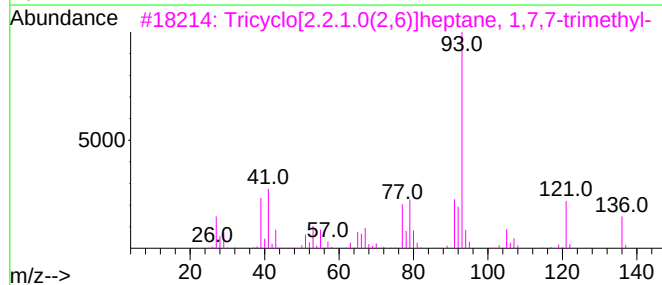
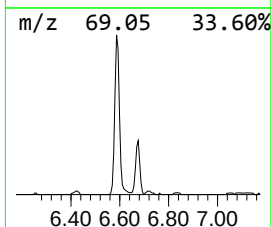
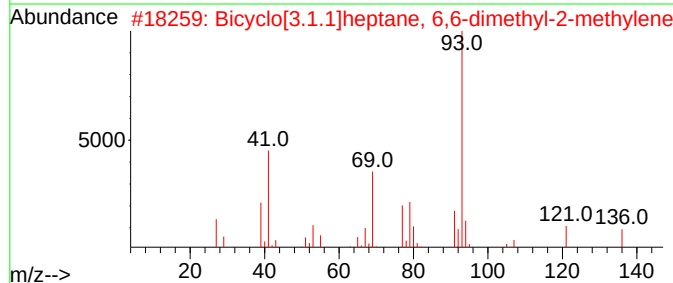
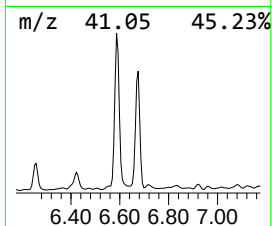
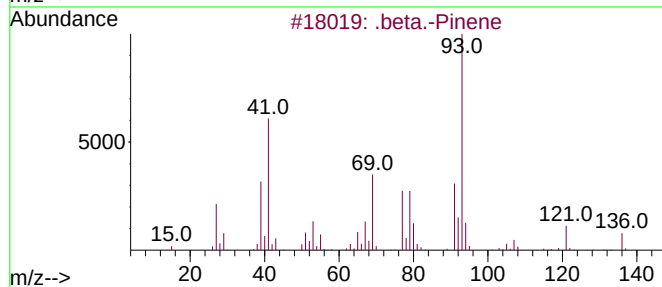
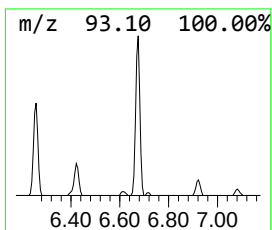
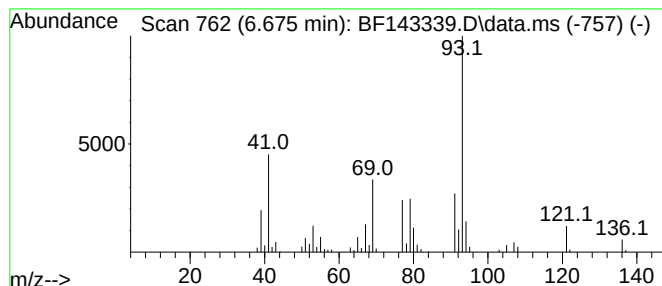
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 .beta.-Pinene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.675	3.70 ng	92965	1,4-Dichlorobenzene-d4	6.963

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.beta.-Pinene	136	C10H16	000127-91-3	97
2		Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
3		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
4		.alpha.-Pinene	136	C10H16	000080-56-8	87
5		Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	86



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ALS Vial : 20 Sample Multiplier: 1

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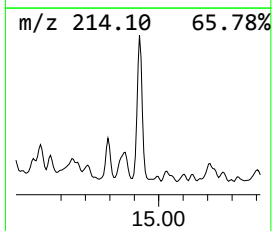
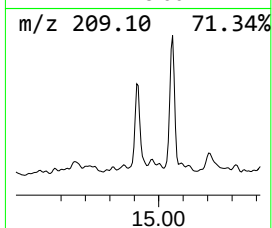
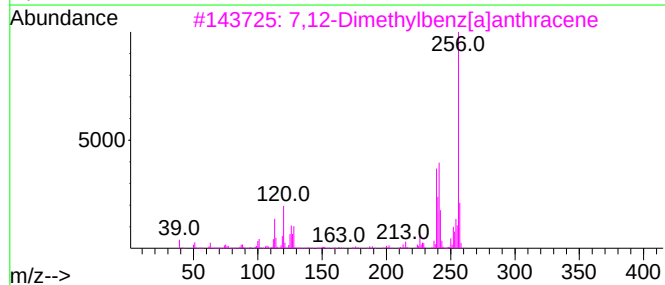
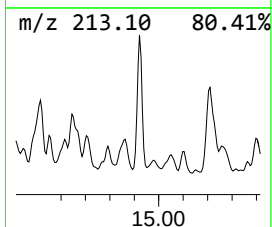
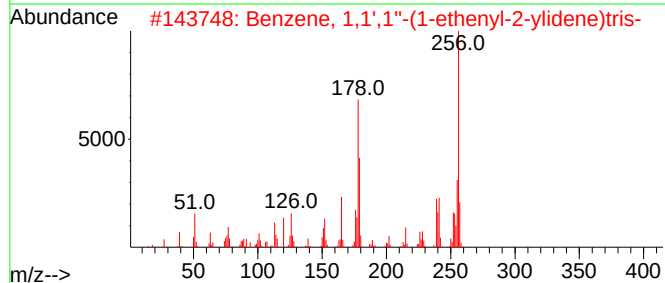
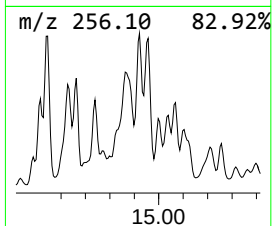
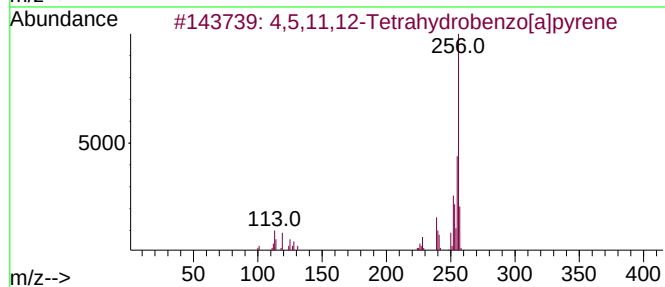
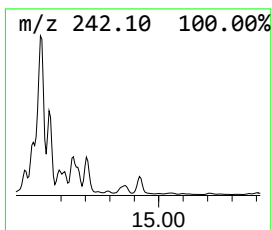
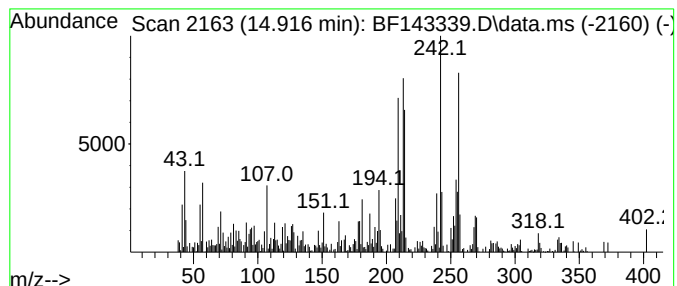
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown14.916 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.916	10.20 ng	199855	Perylene-d12	15.645

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5,11,12-Tetrahydrobenzo[a]pyrene	256	C20H16	109292-58-2	44		
2	Benzene, 1,1',1''-(1-ethenyl-2-y...	256	C20H16	000058-72-0	25		
3	7,12-Dimethylbenz[a]anthracene	256	C20H16	000057-97-6	25		
4	Benzo[c]phenanthrene, 6-methyl-	242	C19H14	002381-34-2	25		
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	25		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
Data File : BF143339.D
Acq On : 06 Aug 2025 19:38
Operator : RC/JU
Sample : Q2774-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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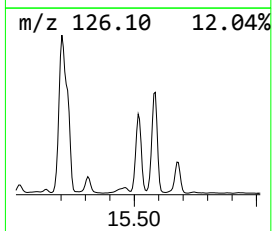
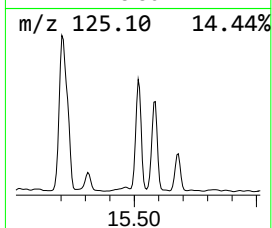
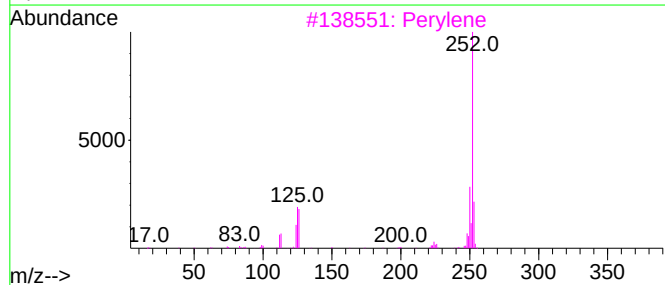
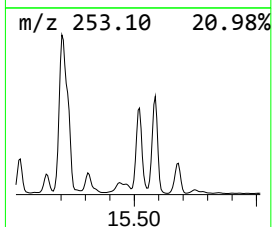
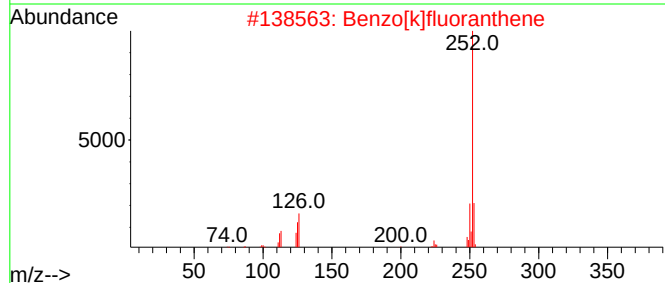
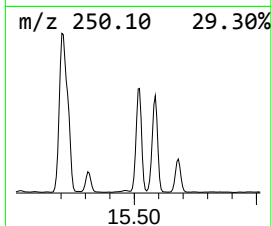
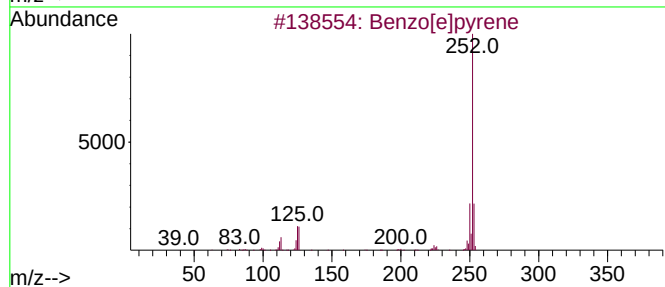
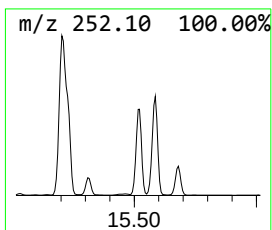
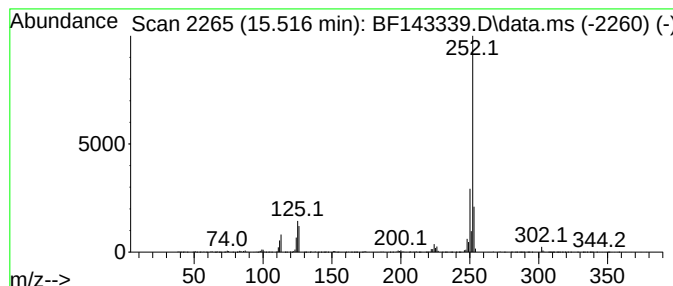
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.516	53.34 ng	1044940	Perylene-d12	15.645

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3			Perylene	252	C20H12	000198-55-0	95
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
Data File : BF143339.D
Acq On : 06 Aug 2025 19:38
Operator : RC/JU
Sample : Q2774-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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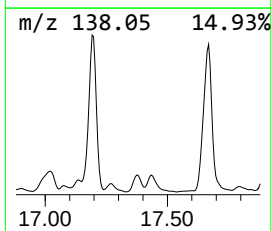
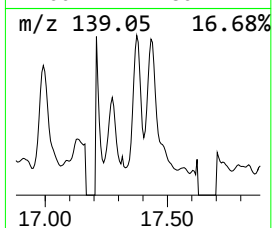
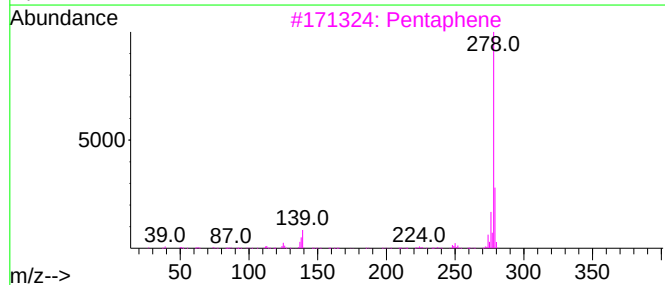
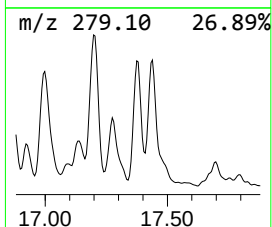
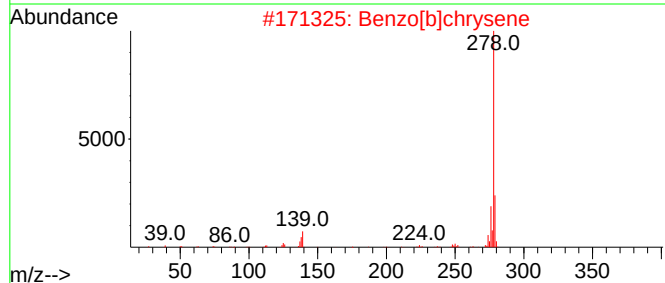
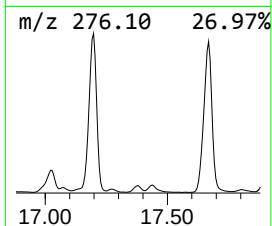
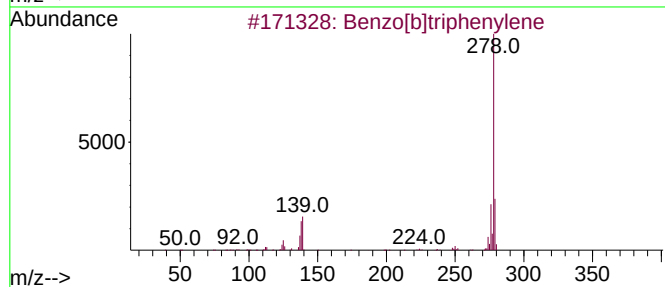
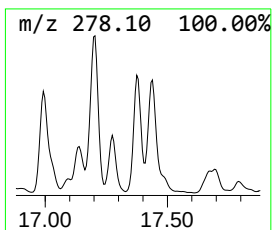
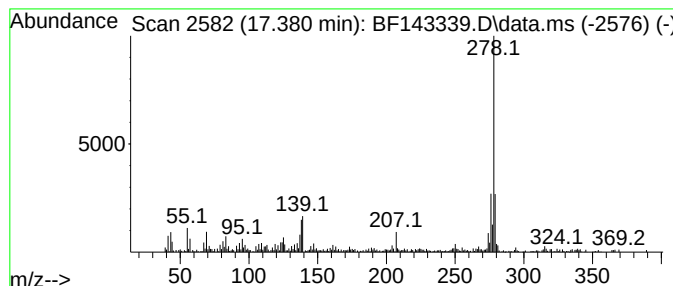
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[b]triphenylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.380	13.33 ng	261081	Perylene-d12	15.645

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2			Benzo[b]chrysene	278	C22H14	000214-17-5	97
3			Pentaphene	278	C22H14	000222-93-5	97
4			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
5			Picene	278	C22H14	000213-46-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
Data File : BF143339.D
Acq On : 06 Aug 2025 19:38
Operator : RC/JU
Sample : Q2774-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
256

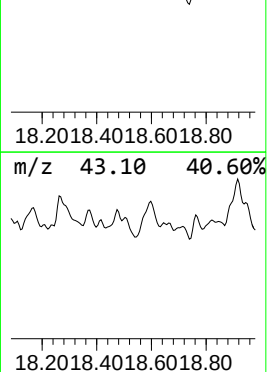
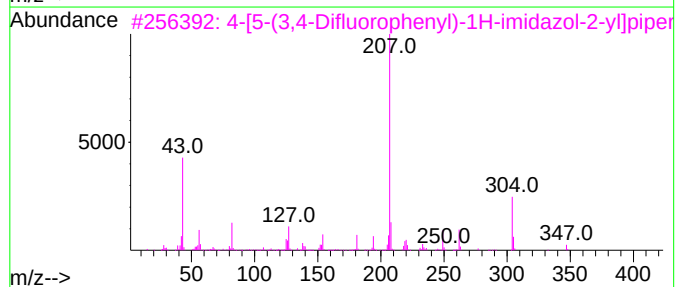
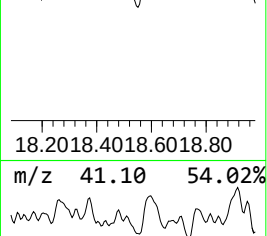
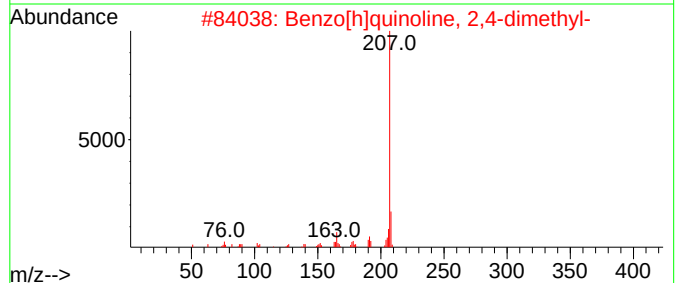
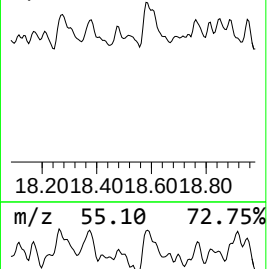
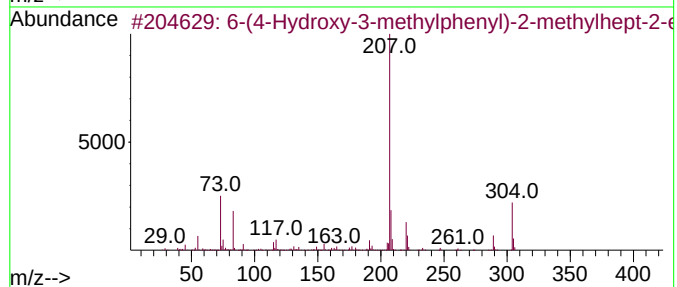
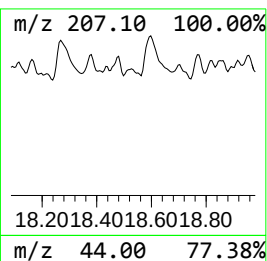
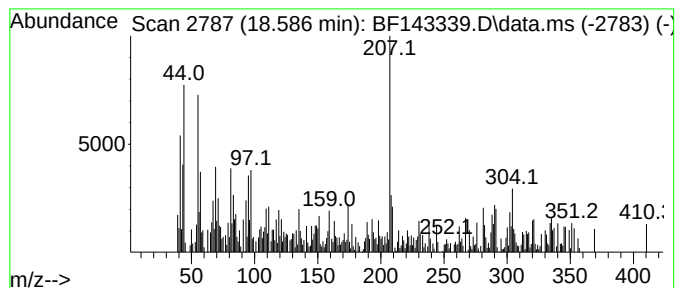
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown18.586 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.586	2.80 ng	54920	Perylene-d12	15.645

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-(4-Hydroxy-3-methylphenyl)-2-m...	304	C18H28O2Si	1000503-83-7	38		
2	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	25		
3	4-[5-(3,4-Difluorophenyl)-1H-imidazol-2-yl]piperidine	347	C18H19F2N3O2	1010501-69-8	22		
4	Turnerol B, TMS	304	C18H28O2Si	1000503-84-0	22		
5	N-(3-Phenylpropyl)pyridine-3-carboxamide	312	C18H24N2O2Si	1000510-98-3	18		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
Data File : BF143339.D
Acq On : 06 Aug 2025 19:38
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Sample : Q2774-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
256

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.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
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2-Pentanone, 4-...	5.187	2.6	ng	65897	1	6.963	502543	20.0
.alpha.-Pinene	6.257	2.0	ng	50882	1	6.963	502543	20.0
.beta.-Pinene	6.675	3.7	ng	92965	1	6.963	502543	20.0
unknown14.916	14.916	10.2	ng	199855	6	15.645	391820	20.0
Benzo[e]pyrene	15.516	53.3	ng	1044940	6	15.645	391820	20.0
Benzo[b]triphen...	17.380	13.3	ng	261081	6	15.645	391820	20.0
unknown18.586	18.586	2.8	ng	54920	6	15.645	391820	20.0