

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
 Data File : BF143999.D
 Acq On : 20 Oct 2025 15:29
 Operator : RC/JU
 Sample : Q3381-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-245

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-BF100625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143999.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.104	484	495	510	rBV	76389	137657	5.89%	0.613%
2	5.498	556	562	590	rBV	1653830	2241907	95.85%	9.980%
3	6.504	727	733	751	rBV	1672640	2339046	100.00%	10.413%
4	6.881	792	797	802	rBV	501705	615413	26.31%	2.740%
5	7.439	886	892	905	rBV	1023791	1361583	58.21%	6.061%
6	8.163	1009	1015	1030	rBV	590079	786668	33.63%	3.502%
7	9.239	1192	1198	1210	rBV	1381491	1850684	79.12%	8.239%
8	9.922	1308	1314	1318	rBV	628759	835264	35.71%	3.718%
9	9.951	1318	1319	1326	rVB	43723	38328	1.64%	0.171%
10	10.469	1402	1407	1412	rVB	44132	55523	2.37%	0.247%
11	10.633	1427	1435	1442	rBV	180196	229119	9.80%	1.020%
12	10.710	1443	1448	1463	rVV	883792	1197615	51.20%	5.331%
13	10.945	1483	1488	1493	rVB	46323	58508	2.50%	0.260%
14	11.410	1562	1567	1576	rBV2	623759	1114059	47.63%	4.959%
15	11.486	1576	1580	1585	rVB	128286	160270	6.85%	0.713%
16	11.645	1602	1607	1614	rBV	23790	42916	1.83%	0.191%
17	11.939	1648	1657	1662	rBV2	107394	211536	9.04%	0.942%
18	11.992	1662	1666	1669	rVV	39449	65987	2.82%	0.294%
19	12.027	1669	1672	1681	rVB2	56124	104985	4.49%	0.467%
20	12.627	1769	1774	1779	rBV	391934	492826	21.07%	2.194%
21	12.857	1806	1813	1819	rBV	346969	512595	21.91%	2.282%
22	12.904	1819	1821	1827	rVB2	19287	28533	1.22%	0.127%
23	12.998	1829	1837	1845	rBV	1414296	1927976	82.43%	8.583%
24	13.074	1845	1850	1857	rBV4	40568	68803	2.94%	0.306%
25	13.180	1861	1868	1873	rBV	104204	193303	8.26%	0.861%
26	13.251	1873	1880	1883	rBV	82700	116350	4.97%	0.518%
27	13.292	1883	1887	1894	rVB2	52056	89993	3.85%	0.401%
28	13.386	1899	1903	1905	rVV	39632	52562	2.25%	0.234%
29	13.416	1905	1908	1917	rVB3	30803	52935	2.26%	0.236%
30	13.569	1930	1934	1938	rBV5	20494	40416	1.73%	0.180%
31	13.698	1953	1956	1961	rVB	34216	48449	2.07%	0.216%
32	13.810	1970	1975	1978	rBV2	55869	86963	3.72%	0.387%
33	13.904	1988	1991	2000	rVB5	46935	89347	3.82%	0.398%
34	13.974	2001	2003	2009	rVB	18404	27413	1.17%	0.122%
35	14.057	2009	2017	2020	rBV2	691376	1187916	50.79%	5.288%
36	14.221	2041	2045	2048	rBV4	23196	36704	1.57%	0.163%

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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-BF100625.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.445	2079	2083	2086	rVV	83865	129860	5.55%	0.578%
38	14.480	2086	2089	2093	rVV	51936	74330	3.18%	0.331%
39	14.527	2093	2097	2101	rVV3	39836	81455	3.48%	0.363%
40	14.574	2101	2105	2113	rVV5	47932	119385	5.10%	0.531%
41	14.645	2114	2117	2122	rVB2	26727	42430	1.81%	0.189%
42	14.839	2146	2150	2153	rBV3	25169	33096	1.41%	0.147%
43	15.110	2190	2196	2205	rBV	454858	996953	42.62%	4.438%
44	15.180	2205	2208	2211	rVV2	28166	41695	1.78%	0.186%
45	15.215	2211	2214	2219	rVB	34045	45009	1.92%	0.200%
46	15.310	2226	2230	2237	rBV3	20588	45622	1.95%	0.203%
47	15.415	2243	2248	2254	rVV	256765	407624	17.43%	1.815%
48	15.480	2254	2259	2264	rVB	247342	366283	15.66%	1.631%
49	15.545	2264	2270	2283	rBV2	492412	967460	41.36%	4.307%
50	16.857	2485	2493	2495	rBV3	26189	61575	2.63%	0.274%
51	17.039	2518	2524	2535	rVB2	119985	272582	11.65%	1.213%
52	17.227	2551	2556	2561	rBV3	16610	40196	1.72%	0.179%
53	17.286	2563	2566	2572	rVB2	21252	38308	1.64%	0.171%
54	17.492	2594	2601	2616	rVB	83831	199603	8.53%	0.889%

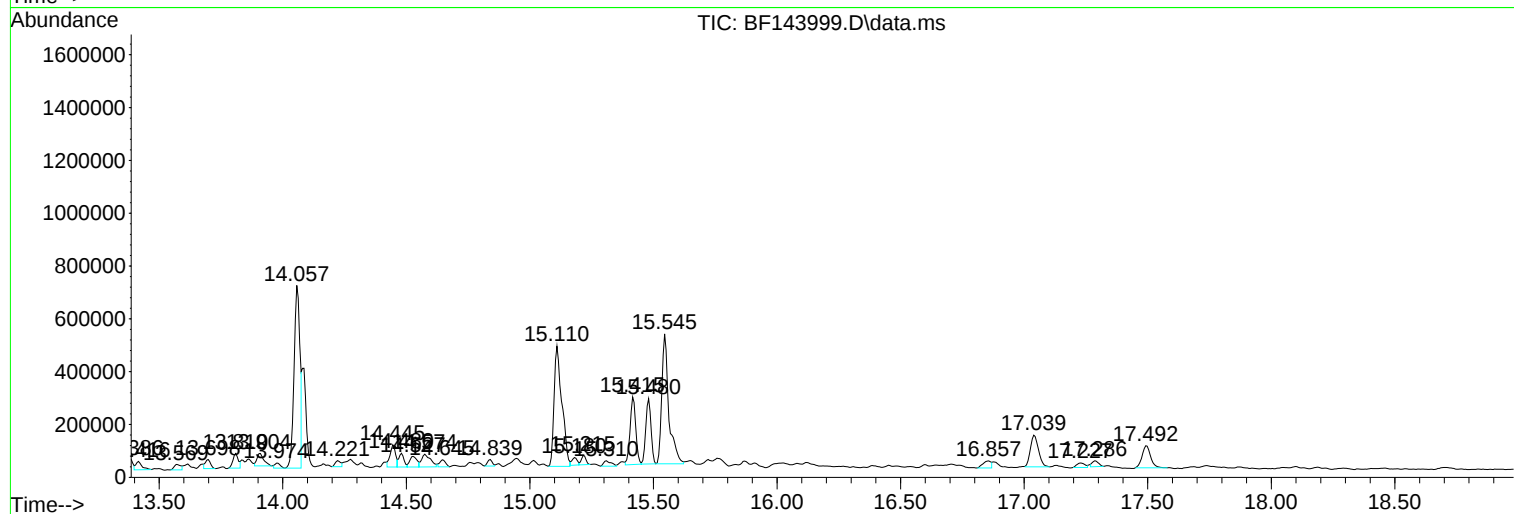
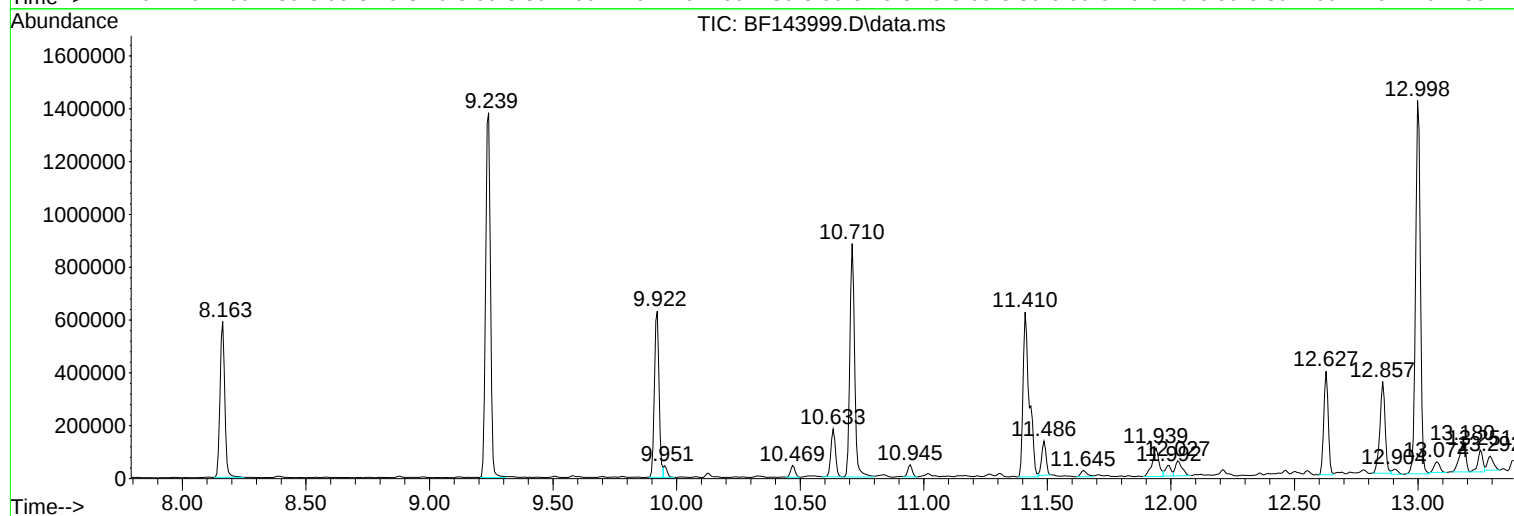
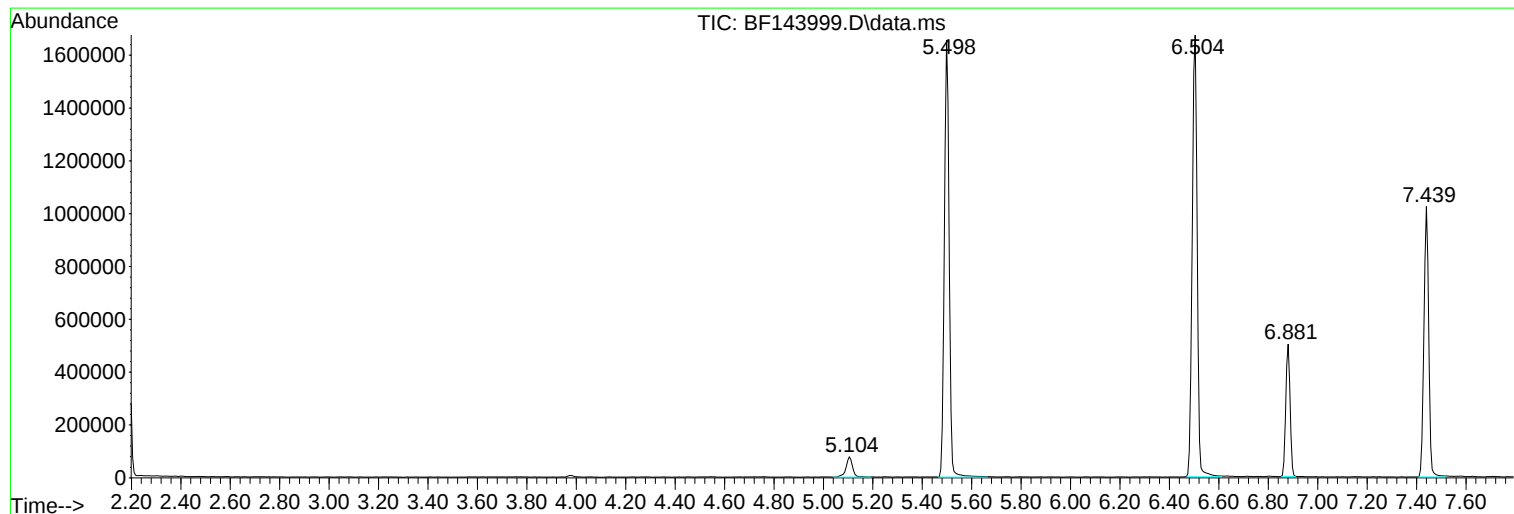
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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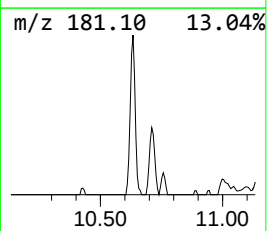
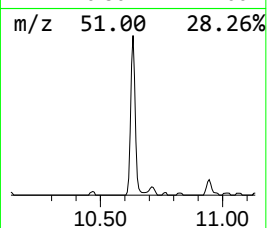
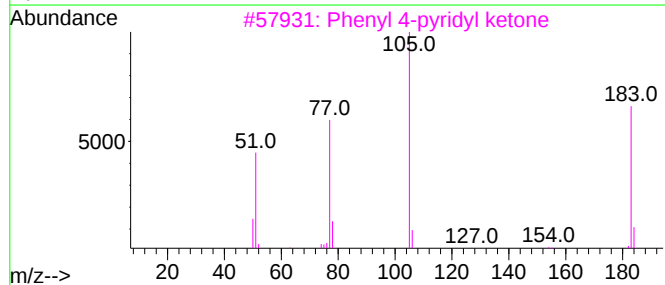
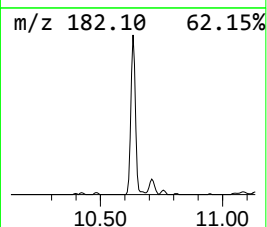
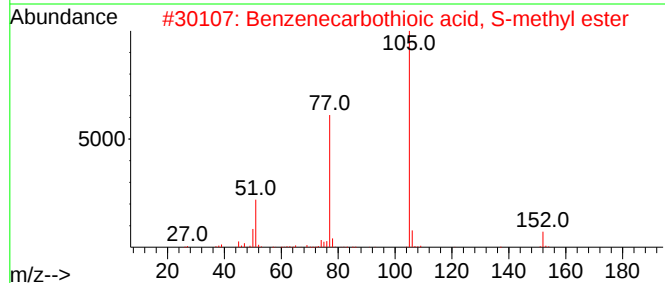
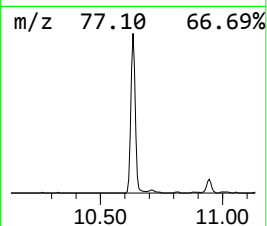
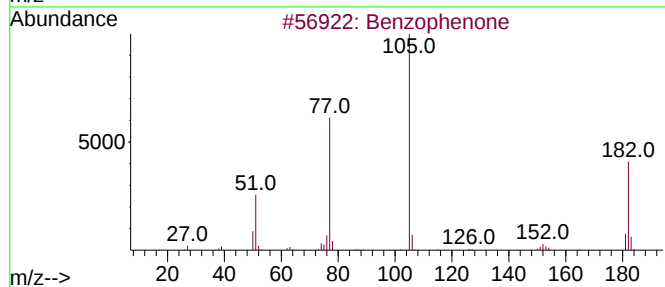
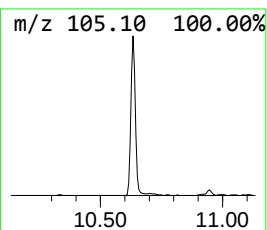
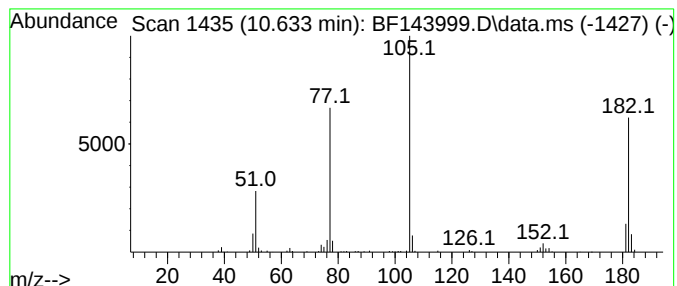
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.633	5.49 ng	229119	Acenaphthene-d10	9.922

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	53
3			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	53
4			1,2-Propanedione, 1-phenyl-, 2-o...	163	C9H9NO2	000119-51-7	47
5			Benzilamide	227	C14H13NO2	004746-87-6	47



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Misc :
ALS Vial : 4 Sample Multiplier: 1

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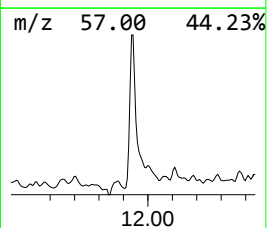
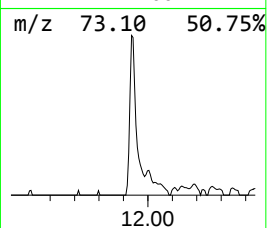
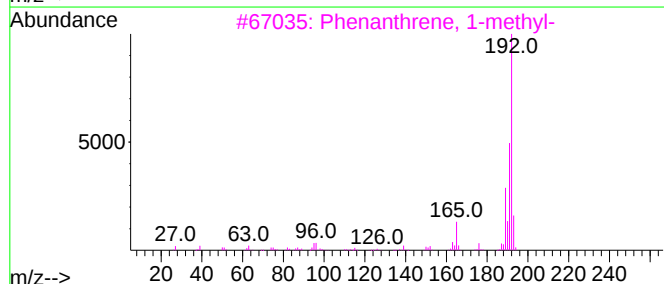
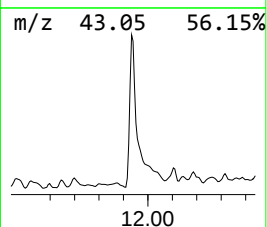
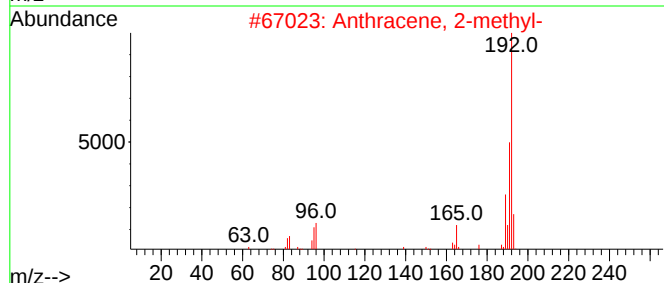
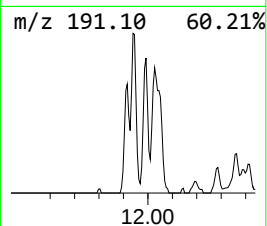
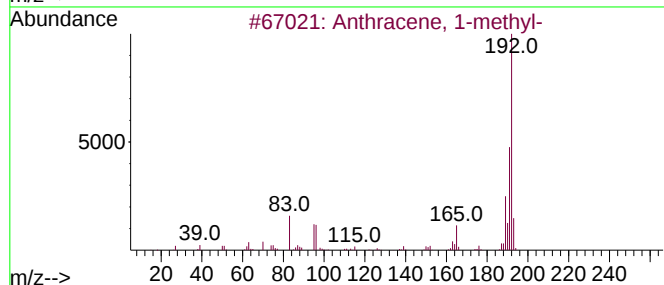
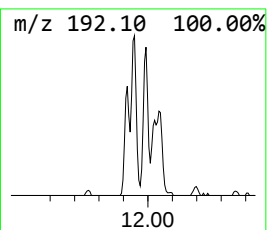
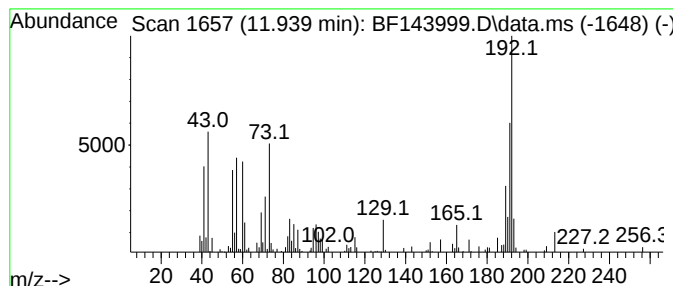
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	3.80 ng	211536	Phenanthrene-d10	11.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



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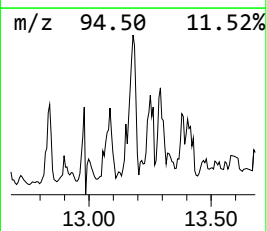
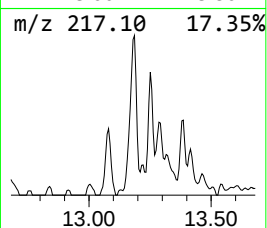
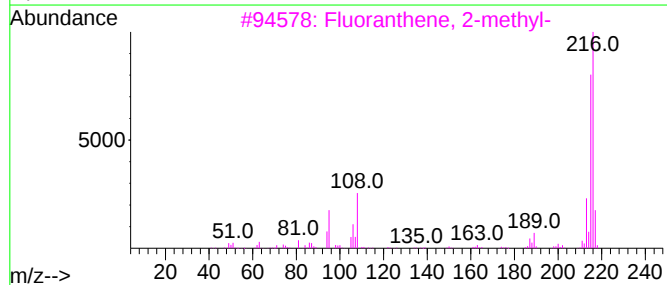
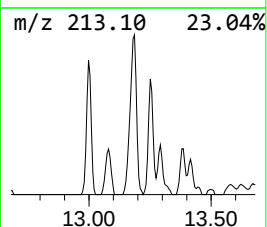
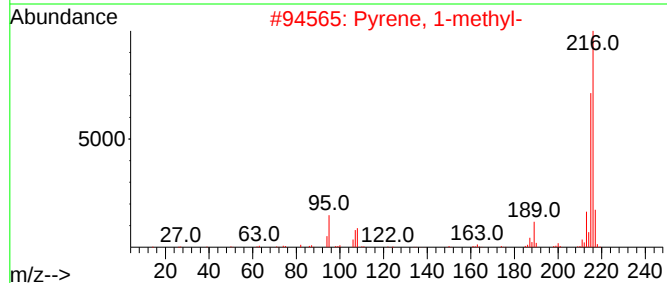
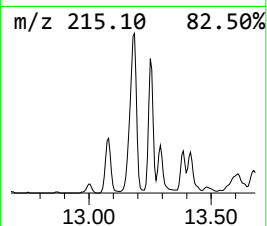
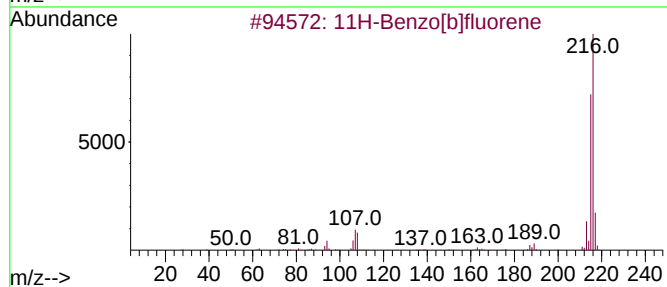
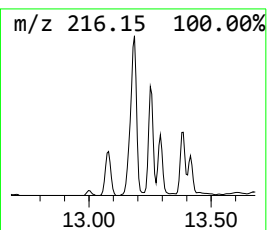
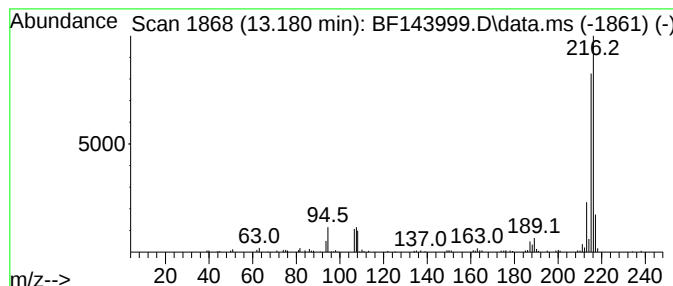
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.180	3.25 ng	193303	Chrysene-d12	14.063

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64



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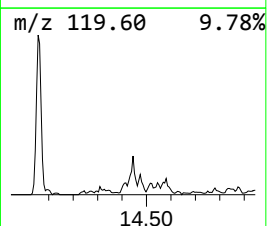
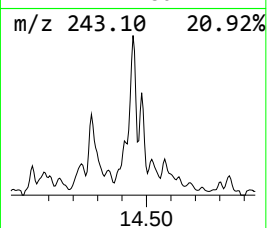
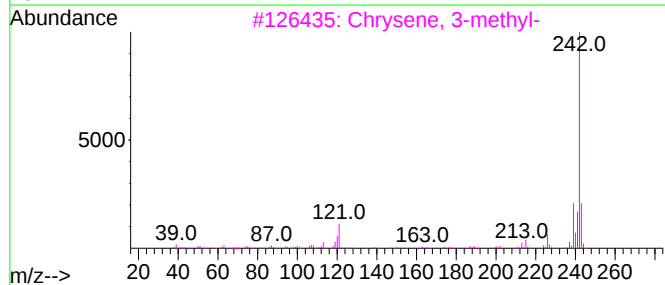
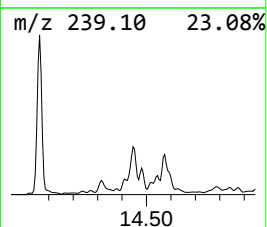
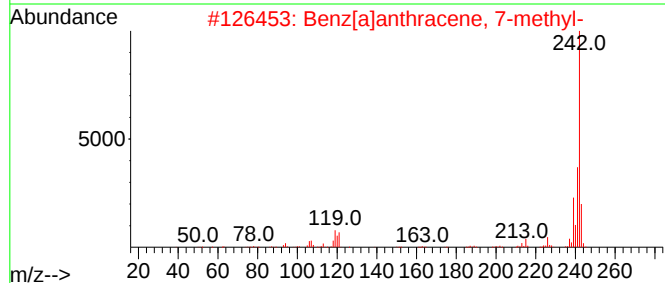
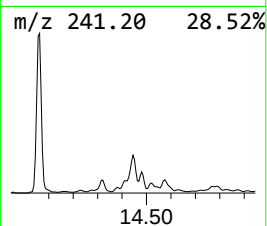
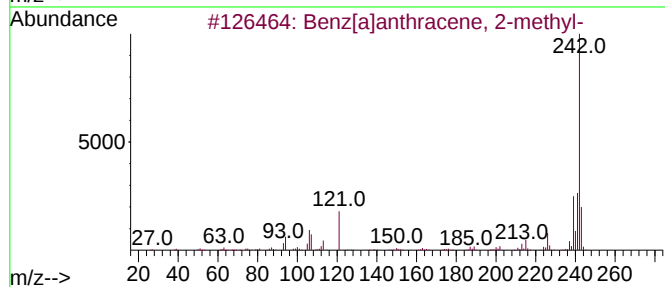
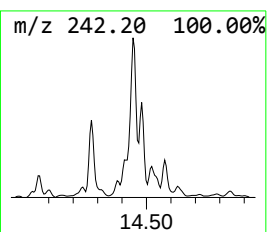
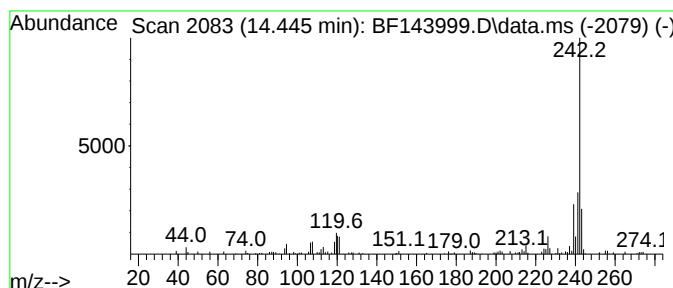
Instrument :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benz[a]anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.445	2.19 ng	129860	Chrysene-d12	14.063	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	95
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
3	Chrysene, 3-methyl-	242	C19H14	003351-31-3	94
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93
5	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	90



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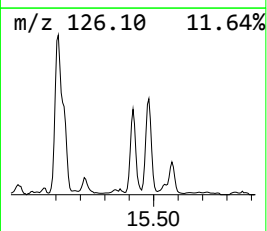
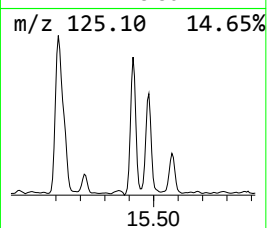
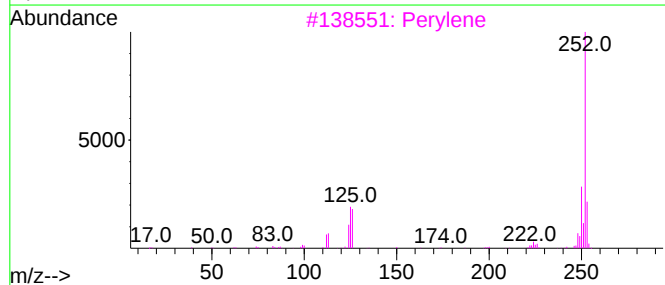
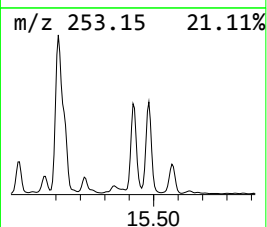
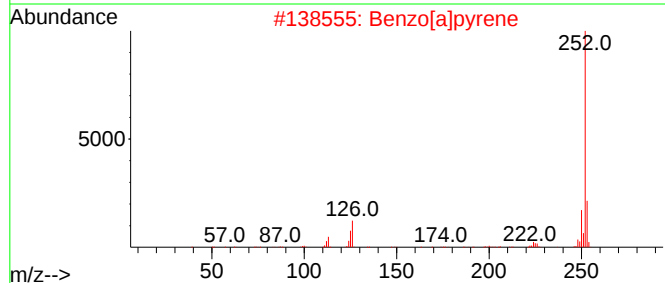
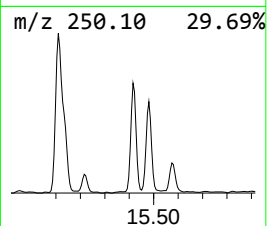
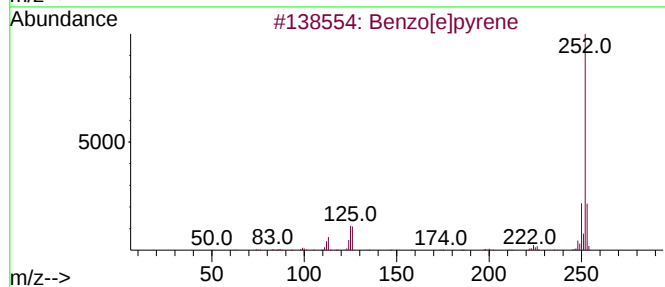
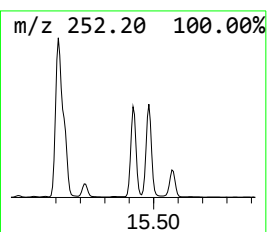
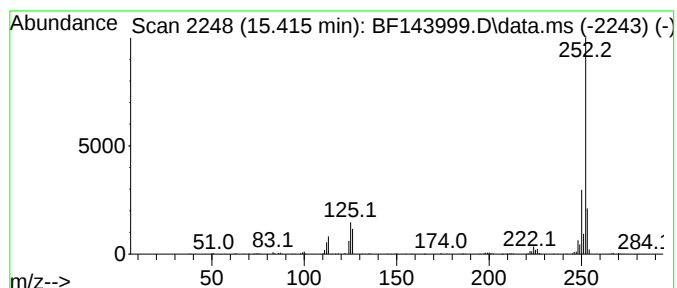
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.415	8.43 ng	407624	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[a]pyrene	252	C20H12	000050-32-8	96
3			Perylene	252	C20H12	000198-55-0	95
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF143999.D
Acq On : 20 Oct 2025 15:29
Operator : RC/JU
Sample : Q3381-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-245

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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
Benzophenone	10.633	5.5	ng	229119	3	9.922	835264	20.0
Anthracene, 1-m...	11.939	3.8	ng	211536	4	11.410	1114060	20.0
11H-Benzo[b]flu...	13.180	3.3	ng	193303	5	14.063	1187920	20.0
Benz[a]anthrace...	14.445	2.2	ng	129860	5	14.063	1187920	20.0
Benzo[e]pyrene	15.415	8.4	ng	407624	6	15.545	967460	20.0