

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141460.D
 Acq On : 05 Feb 2025 21:05
 Operator : RC/JU
 Sample : Q1207-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-20.2-012725

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-BF012925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141460.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.981	487	491	499	rVB	8563	12603	1.30%	0.116%
2	5.404	558	563	581	rBV	527662	745100	76.92%	6.852%
3	6.422	731	736	755	rBV	525601	760660	78.52%	6.995%
4	6.787	793	798	807	rBV	367163	455535	47.02%	4.189%
5	7.345	888	893	905	rBV	364445	491693	50.76%	4.522%
6	7.616	932	939	949	rBV	9123	17155	1.77%	0.158%
7	8.069	1011	1016	1037	rVB	454835	611171	63.09%	5.620%
8	8.786	1134	1138	1145	rVB	9418	12377	1.28%	0.114%
9	9.145	1194	1199	1210	rBV	623441	773486	79.85%	7.113%
10	9.228	1210	1213	1222	rVB2	7616	14149	1.46%	0.130%
11	9.486	1249	1257	1259	rBV	7848	11100	1.15%	0.102%
12	9.822	1309	1314	1319	rBV	457625	615803	63.57%	5.663%
13	9.857	1319	1320	1327	rVB	34139	27446	2.83%	0.252%
14	10.033	1345	1350	1354	rBV	16380	22265	2.30%	0.205%
15	10.375	1403	1408	1413	rBV	22703	29885	3.08%	0.275%
16	10.539	1431	1436	1444	rVB	88459	114337	11.80%	1.051%
17	10.616	1444	1449	1457	rBV	300697	410940	42.42%	3.779%
18	10.739	1466	1470	1477	rVB4	8089	12374	1.28%	0.114%
19	10.922	1494	1501	1504	rBV6	7454	14086	1.45%	0.130%
20	11.116	1531	1534	1538	rBV	10720	12974	1.34%	0.119%
21	11.174	1538	1544	1548	rBV4	27710	43628	4.50%	0.401%
22	11.310	1562	1567	1570	rBV	379096	576230	59.48%	5.299%
23	11.386	1576	1580	1585	rVB	50122	63797	6.59%	0.587%
24	11.545	1602	1607	1614	rBV3	12796	26075	2.69%	0.240%
25	11.610	1614	1618	1621	rVV	11623	14802	1.53%	0.136%
26	11.816	1648	1653	1655	rBV	34753	48498	5.01%	0.446%
27	11.845	1655	1658	1662	rVV	75937	101908	10.52%	0.937%
28	11.892	1662	1666	1668	rVV	18560	27286	2.82%	0.251%
29	11.927	1668	1672	1681	rVB3	57086	114987	11.87%	1.057%
30	12.016	1681	1687	1691	rBV7	9235	20657	2.13%	0.190%
31	12.110	1698	1703	1706	rBV	25749	39396	4.07%	0.362%
32	12.257	1724	1728	1732	rBV3	16807	25147	2.60%	0.231%
33	12.363	1743	1746	1749	rBV	18985	25127	2.59%	0.231%
34	12.398	1750	1752	1758	rVV4	14461	24655	2.55%	0.227%
35	12.451	1758	1761	1766	rVB2	19536	26610	2.75%	0.245%
36	12.527	1769	1774	1778	rVV	373631	475951	49.13%	4.377%

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37	12.569	1778	1781	1788	rVB5	12660	27524	2.84%	0.253%
38	12.757	1806	1813	1818	rBV	356946	533425	55.06%	4.906%
39	12.898	1830	1837	1844	rVB	433783	589639	60.87%	5.422%
40	12.974	1845	1850	1854	rBV3	30928	56117	5.79%	0.516%
41	13.033	1858	1860	1861	rVV2	12948	12264	1.27%	0.113%
42	13.080	1862	1868	1872	rVB2	44542	85296	8.80%	0.784%
43	13.151	1877	1880	1882	rVV2	19399	24938	2.57%	0.229%
44	13.186	1882	1886	1894	rVB3	40713	68848	7.11%	0.633%
45	13.280	1899	1902	1905	rBV	17277	21672	2.24%	0.199%
46	13.310	1905	1907	1911	rVB	16195	19402	2.00%	0.178%
47	13.592	1952	1955	1960	rVB	26743	37226	3.84%	0.342%
48	13.704	1970	1974	1976	rBV2	29301	42613	4.40%	0.392%
49	13.957	2011	2017	2028	rVB2	475756	968730	100.00%	8.909%
50	14.063	2033	2035	2039	rVB	24923	27846	2.87%	0.256%
51	15.004	2190	2195	2204	rBV	178515	382000	39.43%	3.513%
52	15.298	2241	2245	2251	rVB	96051	160395	16.56%	1.475%
53	15.362	2251	2256	2261	rVV	127621	205732	21.24%	1.892%
54	15.421	2262	2266	2278	rVB2	258139	479996	49.55%	4.414%
55	16.545	2453	2457	2472	rVB2	42236	102713	10.60%	0.945%
56	16.862	2506	2511	2523	rVB2	49181	120566	12.45%	1.109%
57	17.292	2579	2584	2594	rVB	37183	87182	9.00%	0.802%

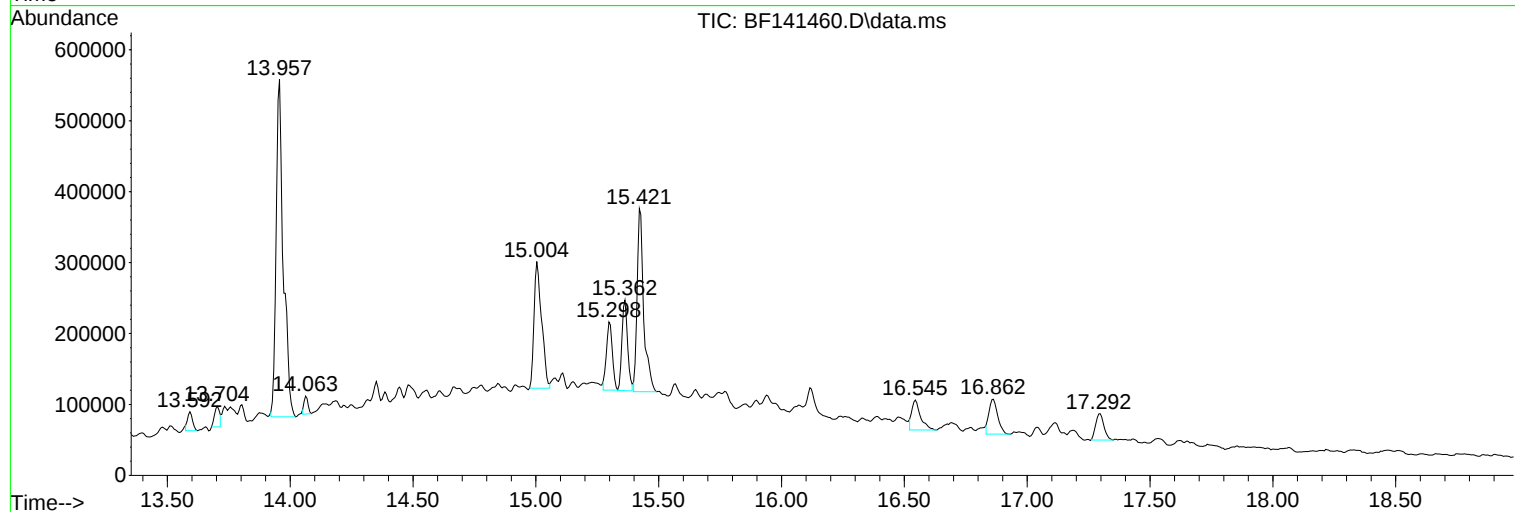
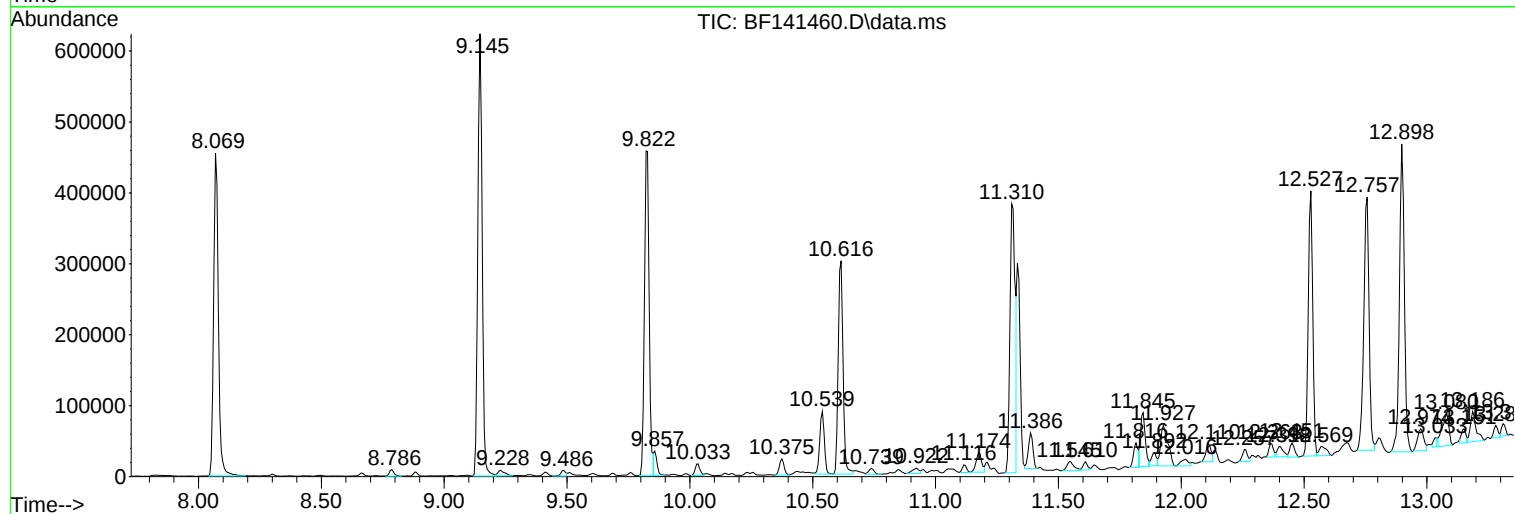
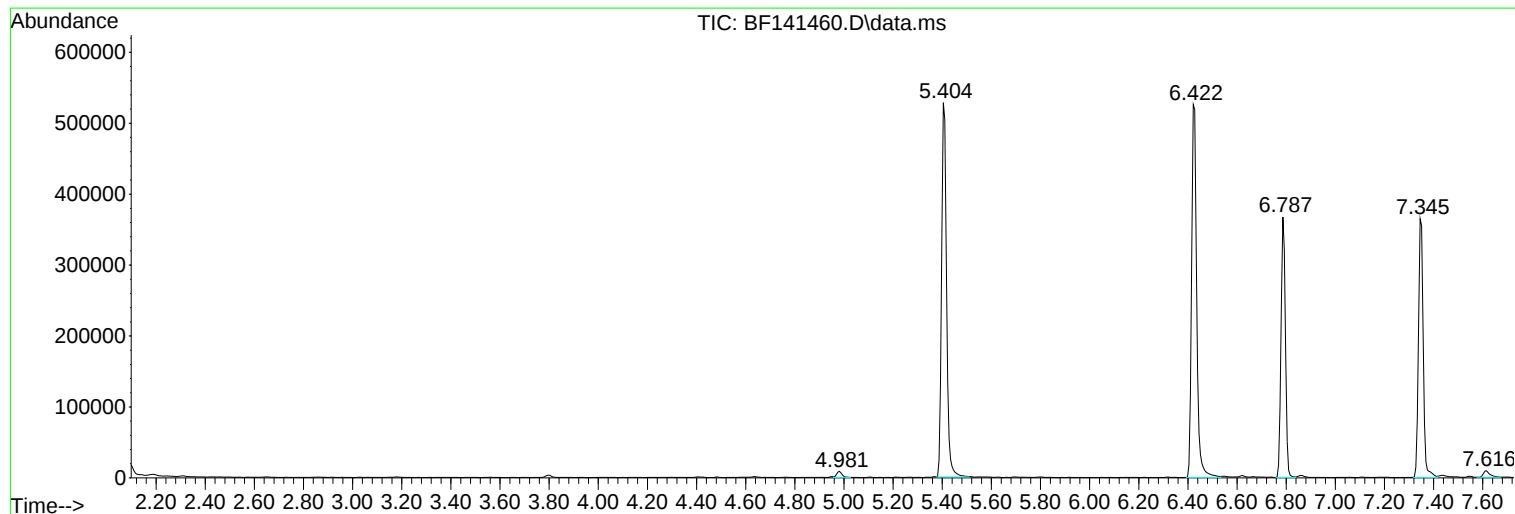
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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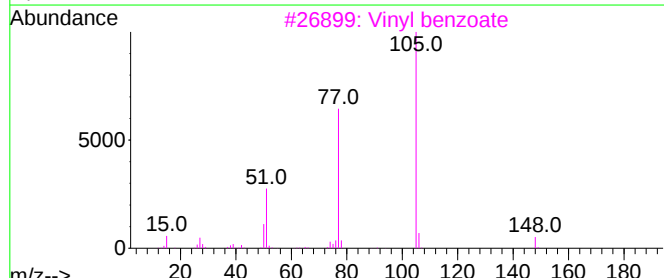
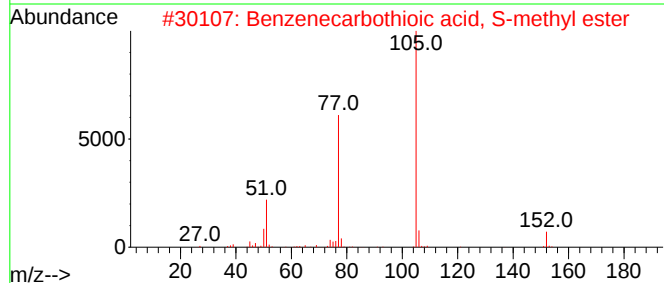
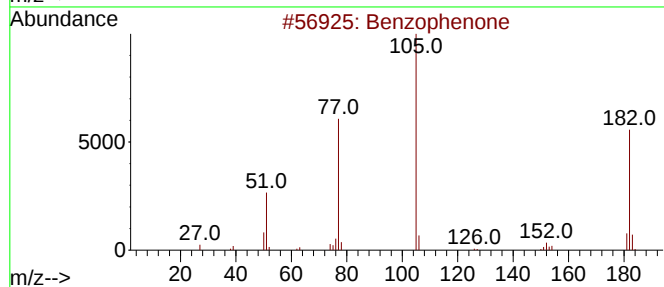
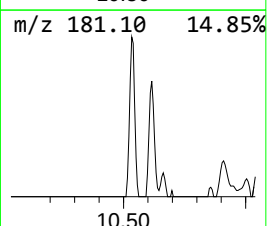
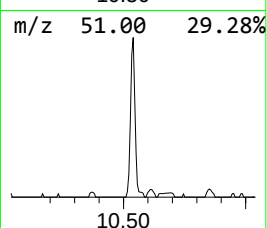
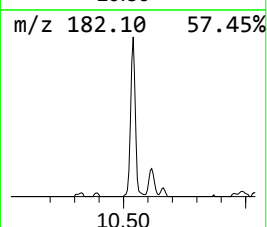
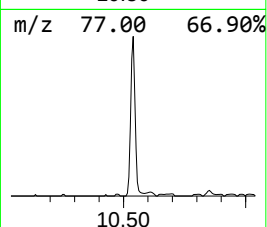
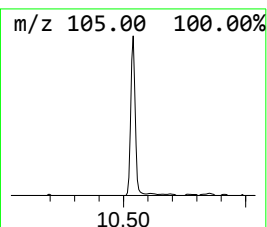
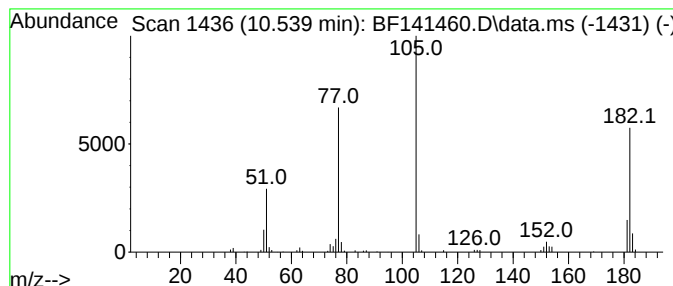
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	3.71 ng	114337	Acenaphthene-d10	9.828

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	49
3			Vinyl benzoate	148	C9H8O2	000769-78-8	47
4			2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47
5			Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47



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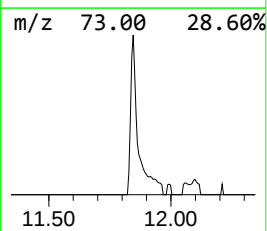
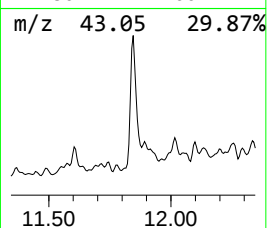
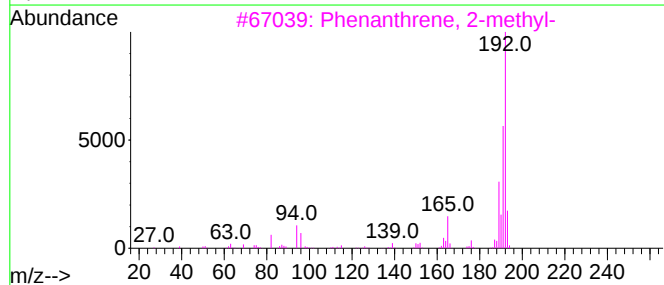
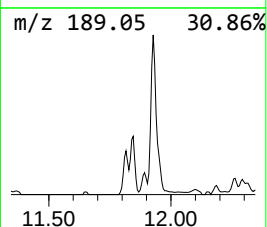
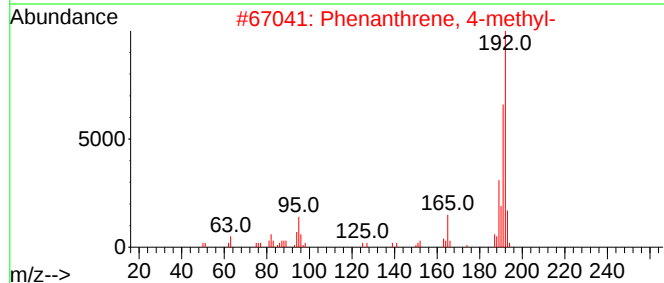
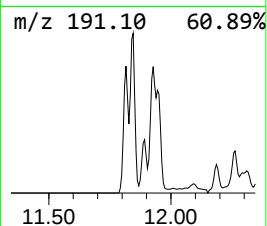
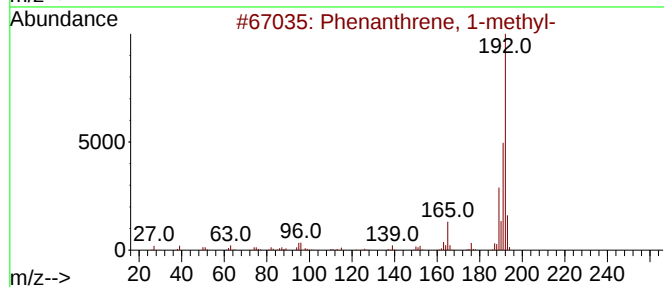
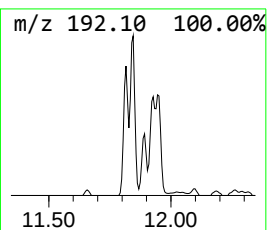
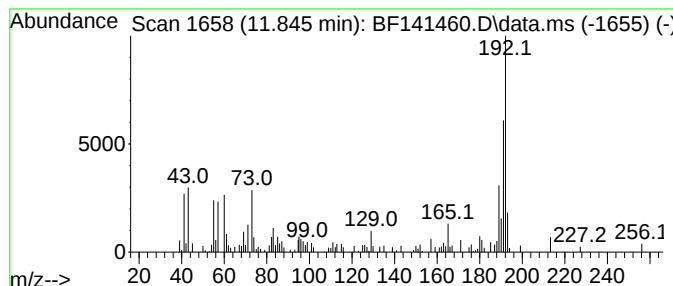
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	3.54 ng	101908	Phenanthrene-d10	11.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	92



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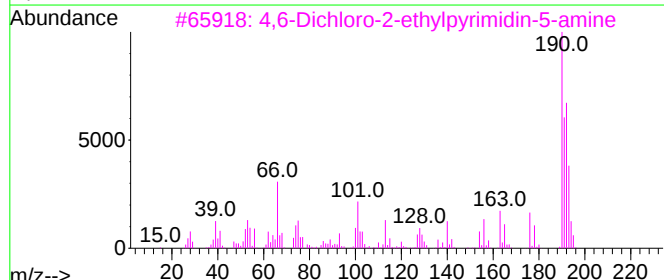
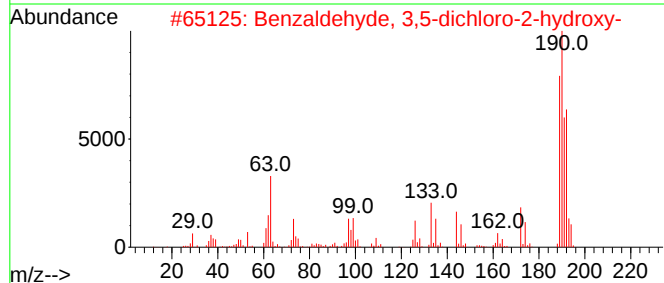
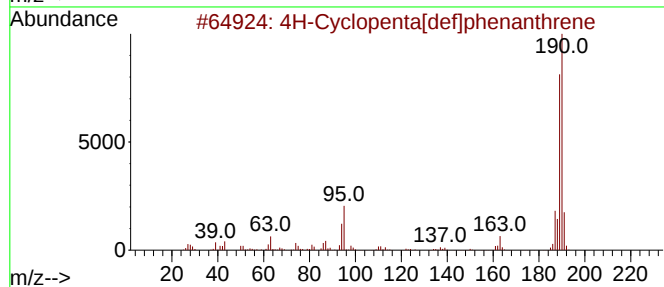
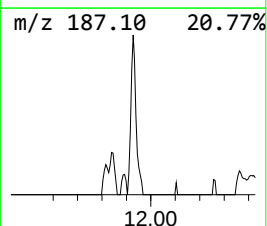
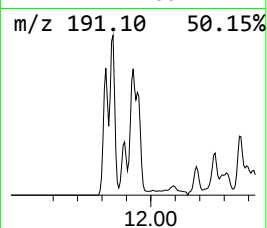
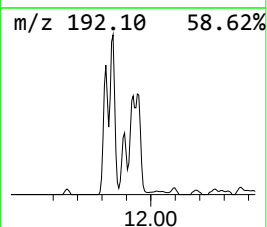
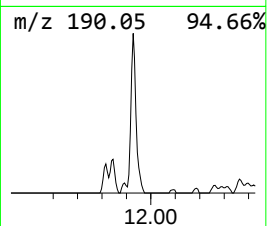
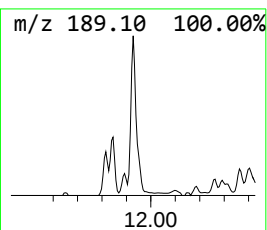
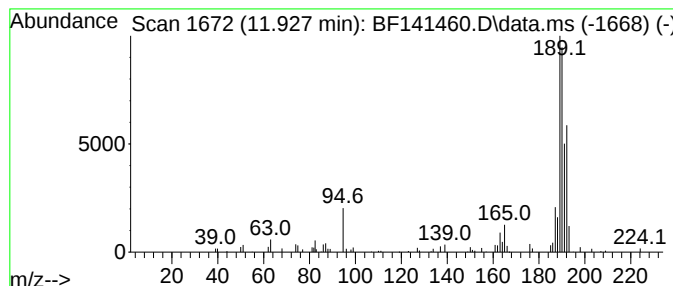
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Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.927	3.99 ng	114987	Phenanthrene-d10		11.310	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	53
2	Benzaldehyde, 3,5-dichloro-2-hyd...		190	C7H4Cl2O2	000090-60-8	50
3	4,6-Dichloro-2-ethylpyrimidin-5-...		191	C6H7Cl2N3	006237-96-3	43
4	Methyl diselenide		190	C2H6Se2	007101-31-7	43
5	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	25



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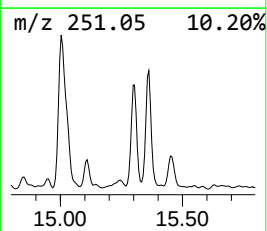
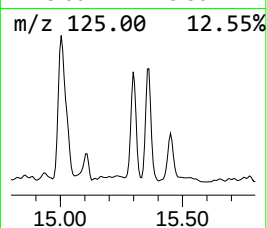
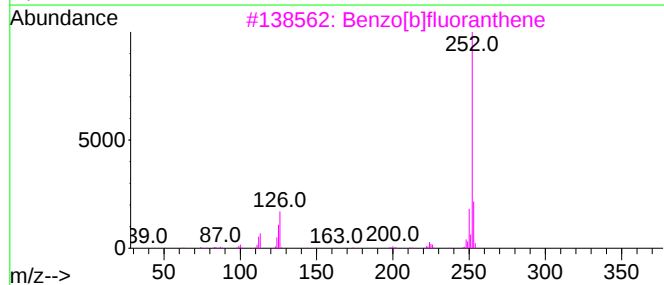
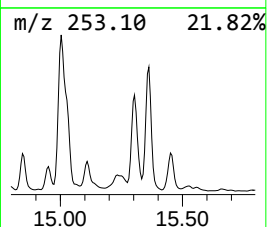
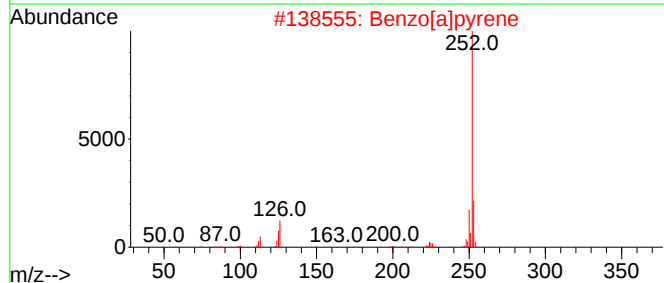
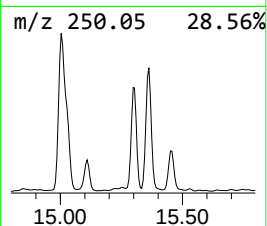
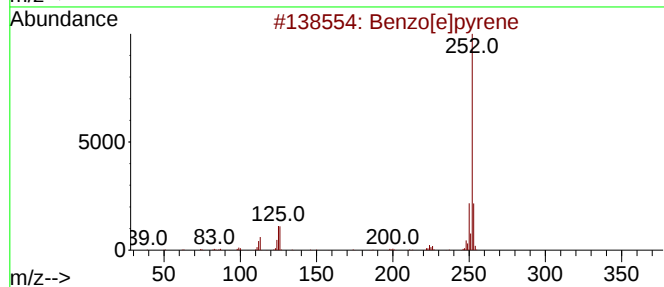
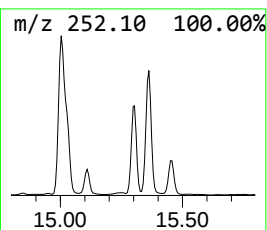
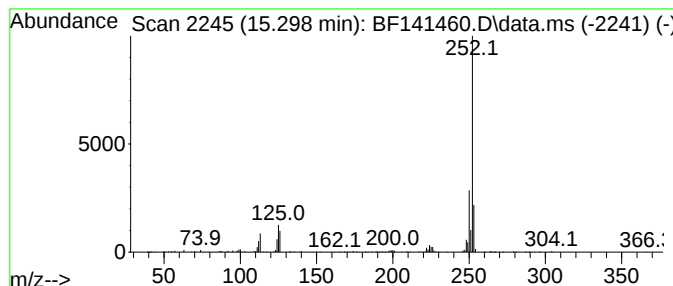
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Peak Number 4 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.298	6.68 ng	160395	Perylene-d12	15.421

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[a]pyrene	252	C20H12	000050-32-8	93
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4			Perylene	252	C20H12	000198-55-0	89
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	70



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JPP-20.2-012725

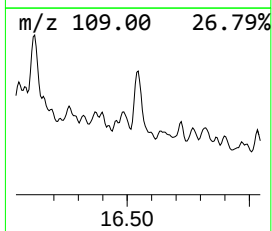
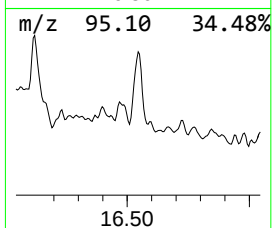
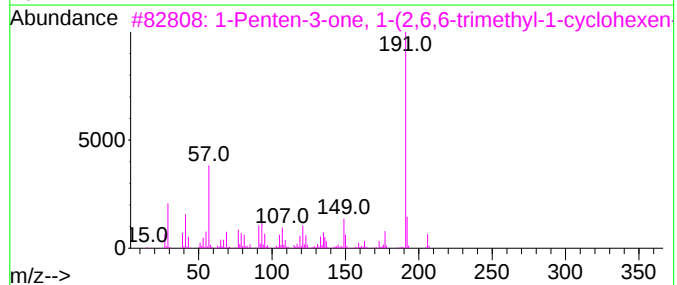
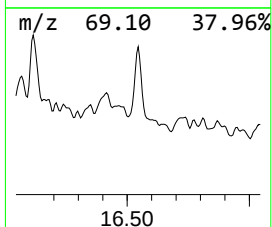
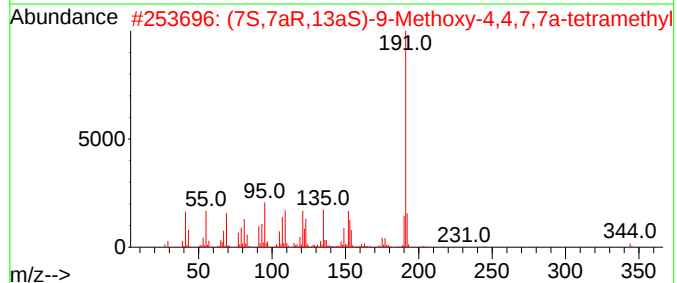
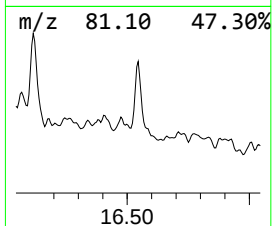
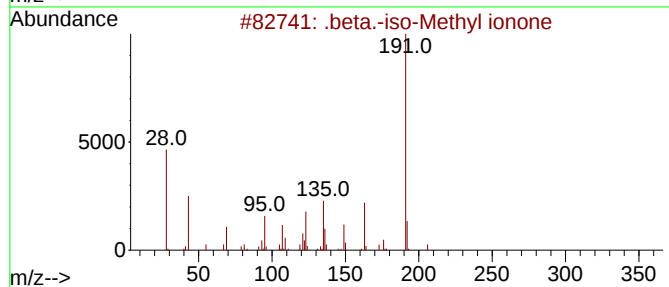
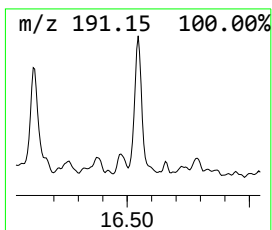
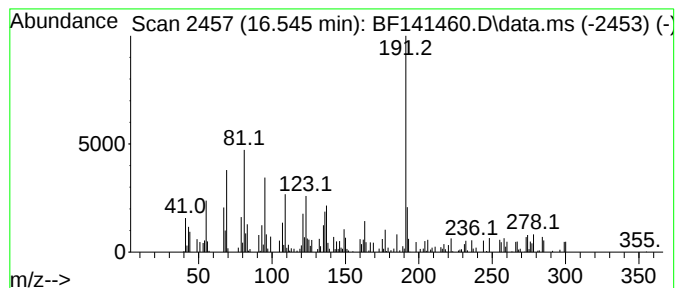
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 .beta.-iso-Methyl ionone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.545	4.28 ng	102713	Perylene-d12	15.421

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	64
2			(7S,7aR,13aS)-9-Methoxy-4,4,7,7a...	344	C22H32O3	1000482-45-3	47
3			1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	43
4			2,3,4,5-Tetramethylacetanilide	191	C12H17NO	1000432-93-7	43
5			9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141460.D
Acq On : 05 Feb 2025 21:05
Operator : RC/JU
Sample : Q1207-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20.2-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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	10.539	3.7	ng	114337	3	9.828	615803	20.0
Phenanthrene, 1...	11.845	3.5	ng	101908	4	11.310	576230	20.0
4H-Cyclopenta[d...	11.927	4.0	ng	114987	4	11.310	576230	20.0
Benzo[e]pyrene	15.298	6.7	ng	160395	6	15.421	479996	20.0
.beta.-iso-Meth...	16.545	4.3	ng	102713	6	15.421	479996	20.0