

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
 Data File : BF142875.D
 Acq On : 26 Jun 2025 18:35
 Operator : RC/JU
 Sample : Q2414-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

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-BF061925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142875.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.087	486	492	507	rVB	83029	124282	7.76%	0.865%
2	5.493	555	561	576	rBV	934305	1209193	75.49%	8.416%
3	6.504	727	733	748	rBV	904749	1226087	76.54%	8.534%
4	6.875	791	796	801	rBV	393572	478024	29.84%	3.327%
5	7.434	886	891	903	rBV	603496	798051	49.82%	5.554%
6	8.157	1009	1014	1022	rBV	512666	647951	40.45%	4.510%
7	9.234	1192	1197	1202	rBV	1296994	1601831	100.00%	11.149%
8	9.916	1308	1313	1318	rBV	574255	698912	43.63%	4.864%
9	10.463	1401	1406	1412	rVB3	11447	18043	1.13%	0.126%
10	10.628	1428	1434	1442	rVB	203093	250268	15.62%	1.742%
11	10.704	1442	1447	1461	rVV	508737	652089	40.71%	4.539%
12	11.139	1516	1521	1523	rBV	16794	22334	1.39%	0.155%
13	11.163	1523	1525	1530	rVB	12073	16503	1.03%	0.115%
14	11.251	1536	1540	1544	rBV	15965	22193	1.39%	0.154%
15	11.404	1561	1566	1575	rBV2	510466	863140	53.88%	6.007%
16	11.480	1575	1579	1582	rBV	38353	44933	2.81%	0.313%
17	11.651	1601	1608	1613	rBV3	14507	36685	2.29%	0.255%
18	11.910	1647	1652	1653	rBV	42018	53419	3.33%	0.372%
19	11.933	1653	1656	1660	rVV	65295	85060	5.31%	0.592%
20	11.980	1660	1664	1667	rVV	26548	34740	2.17%	0.242%
21	12.022	1667	1671	1679	rVB2	50927	109157	6.81%	0.760%
22	12.204	1694	1702	1705	rBV	27369	40367	2.52%	0.281%
23	12.457	1740	1745	1748	rBV	35233	47275	2.95%	0.329%
24	12.492	1748	1751	1757	rVV2	20603	45138	2.82%	0.314%
25	12.545	1757	1760	1766	rVB	32530	45350	2.83%	0.316%
26	12.622	1768	1773	1777	rBV	313740	394378	24.62%	2.745%
27	12.716	1786	1789	1793	rVB	22796	24192	1.51%	0.168%
28	12.851	1805	1812	1817	rVV2	245973	384285	23.99%	2.675%
29	12.898	1817	1820	1825	rVB2	23844	36765	2.30%	0.256%
30	12.992	1825	1836	1843	rVB	829717	1103255	68.87%	7.679%
31	13.069	1843	1849	1856	rBV3	38817	73385	4.58%	0.511%
32	13.169	1860	1866	1871	rVB2	34959	83174	5.19%	0.579%
33	13.280	1881	1885	1892	rVB2	50997	71428	4.46%	0.497%
34	13.374	1898	1901	1904	rBV	17736	21748	1.36%	0.151%
35	13.410	1904	1907	1915	rVB4	20393	34470	2.15%	0.240%
36	13.563	1928	1933	1942	rBV8	13087	36030	2.25%	0.251%

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Sampling : 1

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Stop Thrs : 0

Peak Location: TOP

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37	13.686	1950	1954	1959	rVB	47412	60907	3.80%	0.424%
38	13.798	1967	1973	1975	rBV2	33180	49082	3.06%	0.342%
39	13.892	1986	1989	1997	rVB2	47816	75164	4.69%	0.523%
40	14.045	2007	2015	2027	rBV2	436363	897965	56.06%	6.250%
41	14.204	2037	2042	2045	rBV4	18841	36055	2.25%	0.251%
42	14.274	2051	2054	2057	rVV2	11895	16171	1.01%	0.113%
43	14.310	2057	2060	2067	rVB3	14647	26272	1.64%	0.183%
44	14.433	2077	2081	2085	rBV2	42304	55787	3.48%	0.388%
45	14.468	2085	2087	2091	rVB	20226	21884	1.37%	0.152%
46	14.516	2091	2095	2100	rBV4	14758	28294	1.77%	0.197%
47	14.563	2100	2103	2106	rBV	13763	18939	1.18%	0.132%
48	14.633	2112	2115	2120	rVB3	13956	20991	1.31%	0.146%
49	14.751	2130	2135	2138	rBV4	15724	26568	1.66%	0.185%
50	14.933	2162	2166	2175	rVB2	22076	46731	2.92%	0.325%
51	15.004	2175	2178	2182	rBV3	10207	16282	1.02%	0.113%
52	15.104	2189	2195	2204	rBV	165435	390717	24.39%	2.719%
53	15.215	2210	2214	2218	rBV	31964	41648	2.60%	0.290%
54	15.321	2225	2232	2236	rBV4	12067	29706	1.85%	0.207%
55	15.415	2242	2248	2253	rVB	79831	133308	8.32%	0.928%
56	15.474	2253	2258	2264	rBV	123996	189789	11.85%	1.321%
57	15.539	2264	2269	2284	rVV	291160	523688	32.69%	3.645%
58	15.992	2341	2346	2350	rBV3	9809	19879	1.24%	0.138%
59	16.851	2485	2492	2494	rBV3	7815	17117	1.07%	0.119%
60	17.039	2518	2524	2535	rVB2	38820	90612	5.66%	0.631%
61	17.227	2550	2556	2561	rBV2	9896	21388	1.34%	0.149%
62	17.498	2595	2602	2616	rVB	24540	62298	3.89%	0.434%
63	17.745	2640	2644	2654	rVB4	6192	16455	1.03%	0.115%

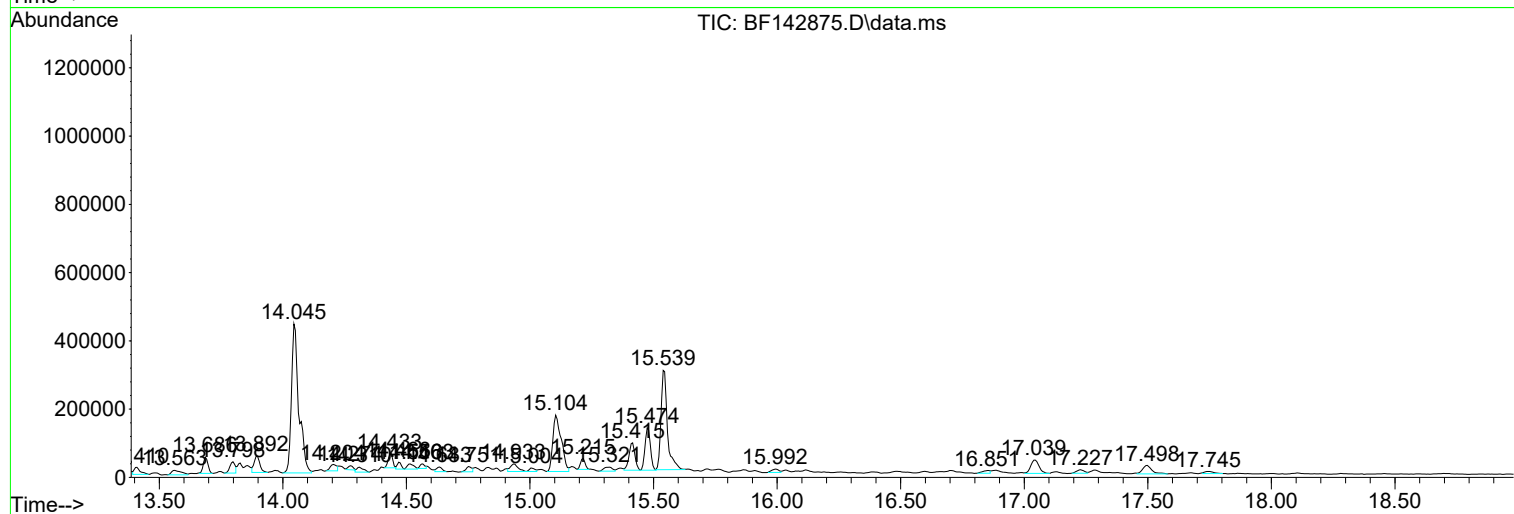
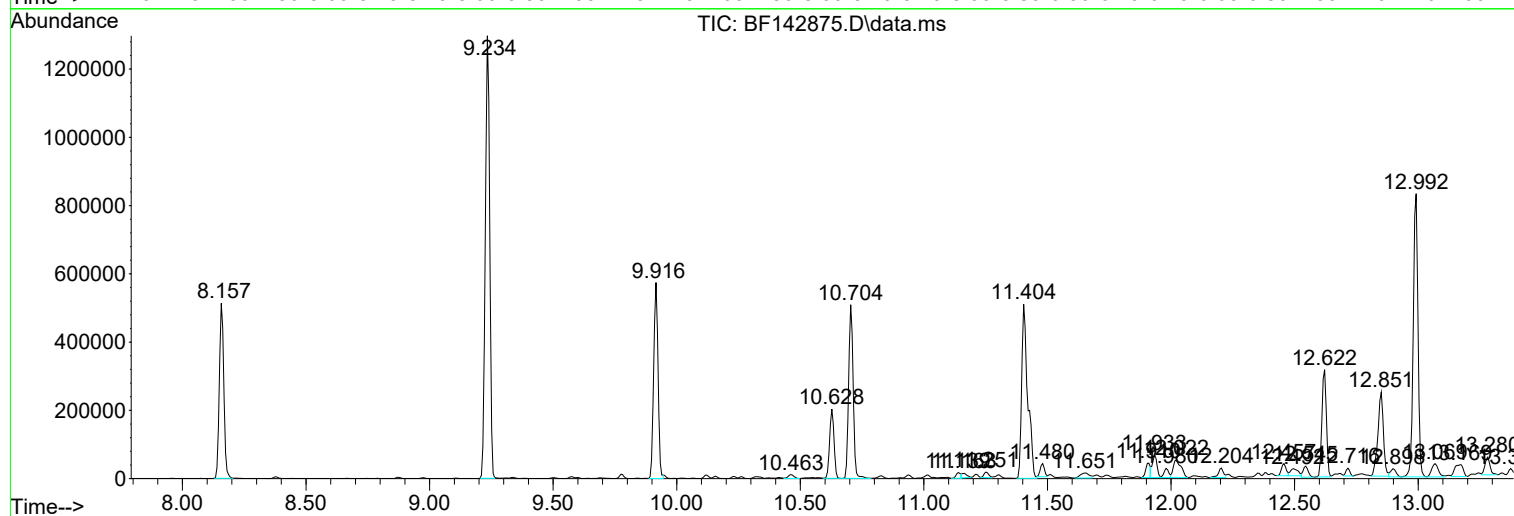
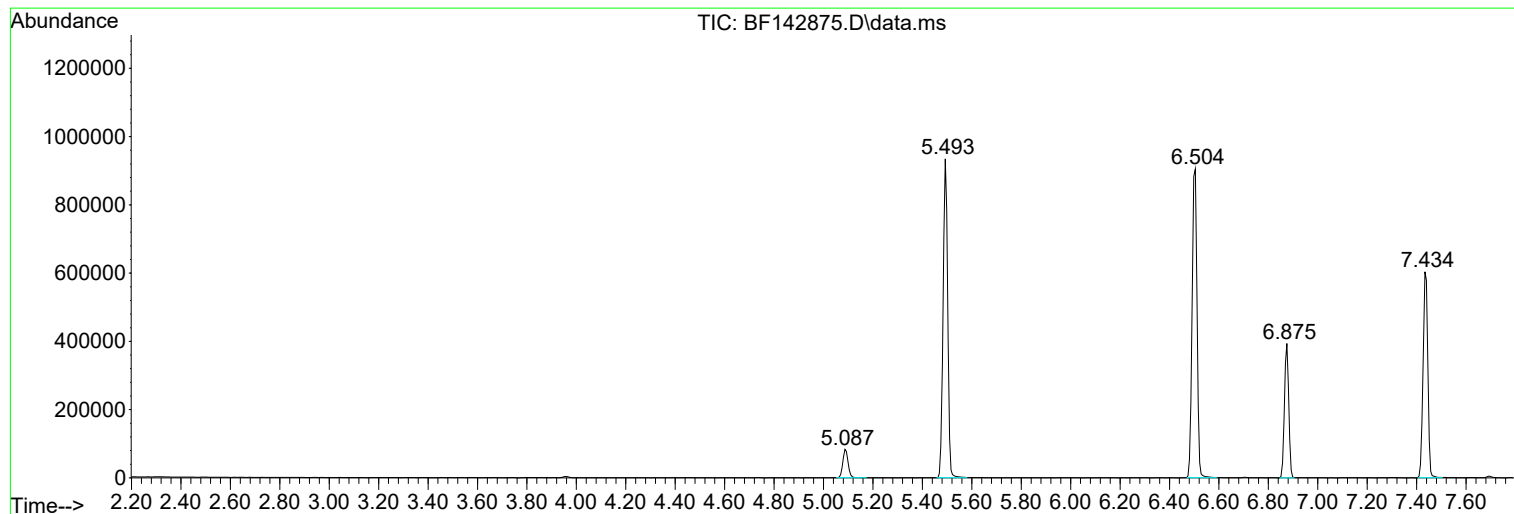
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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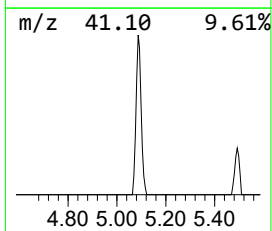
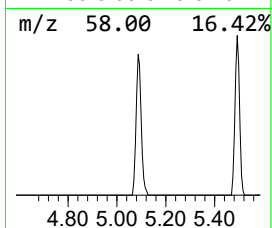
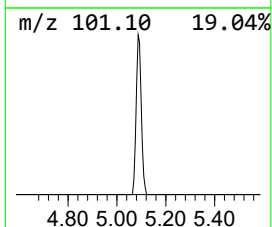
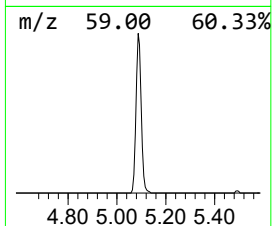
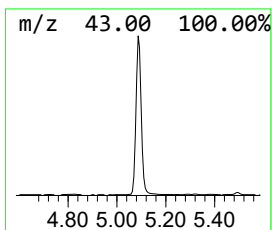
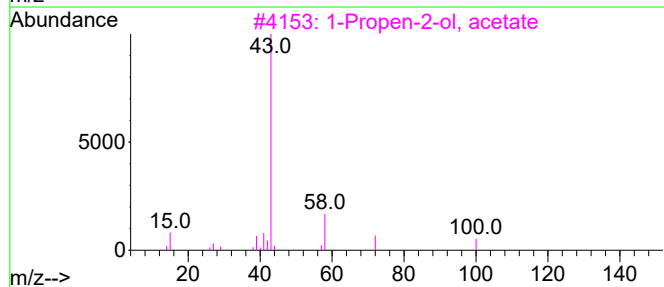
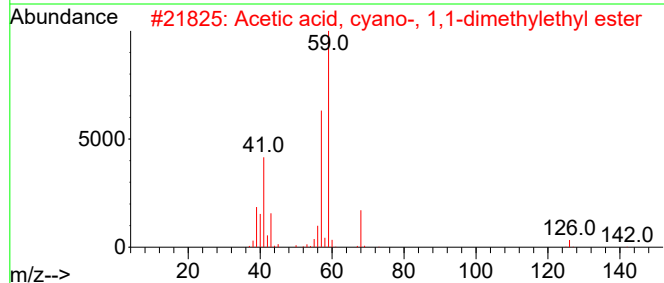
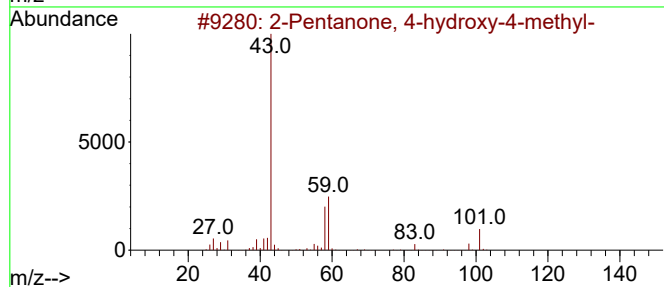
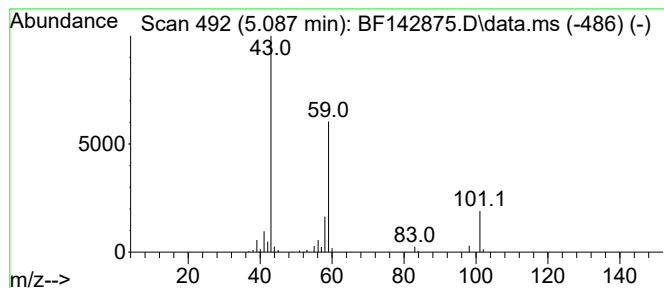
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	5.20 ng	124282	1,4-Dichlorobenzene-d4	6.875

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56	
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23	
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10	
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9	
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9	



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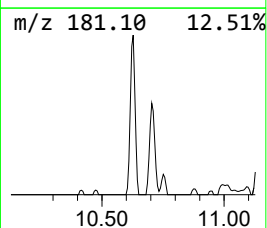
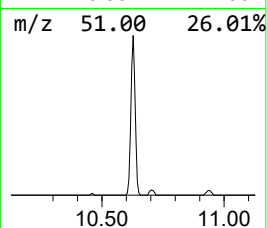
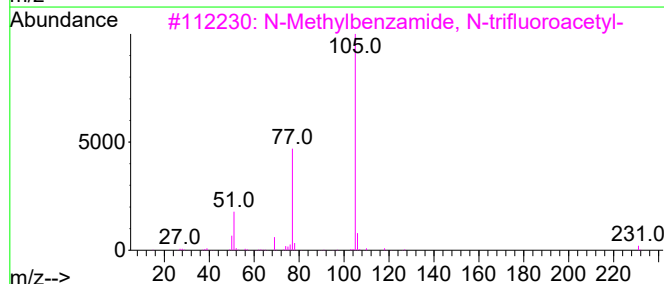
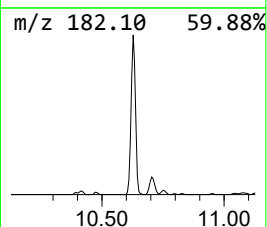
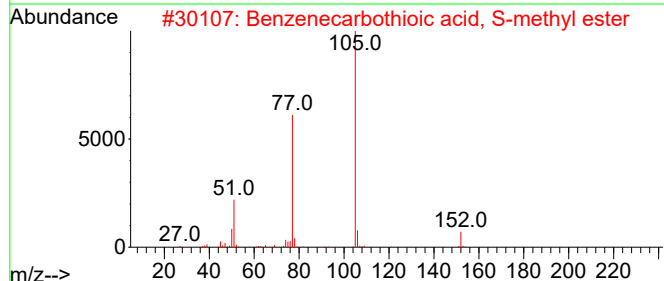
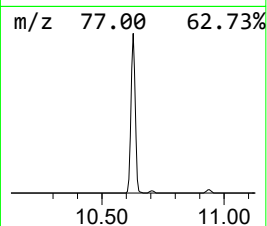
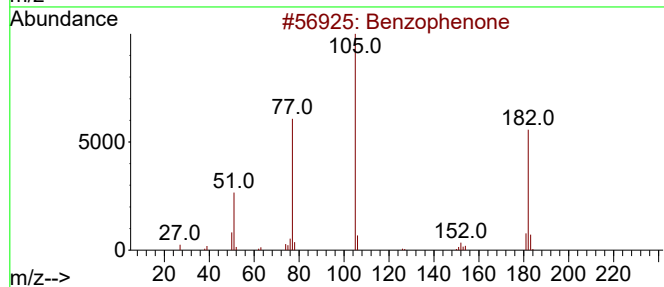
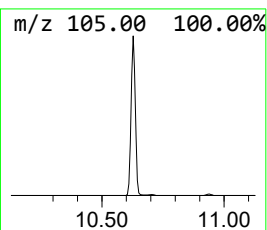
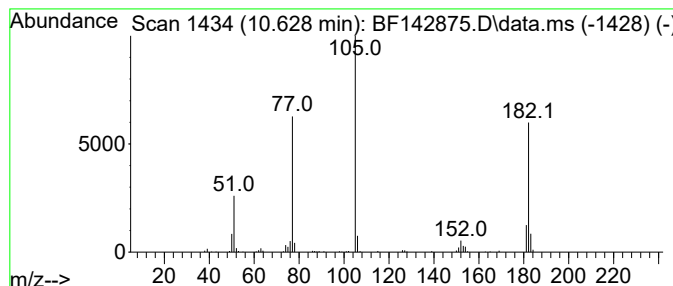
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	7.16 ng	250268	Acenaphthene-d10	9.916

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			N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47
4			Vinyl benzoate	148	C9H8O2	000769-78-8	47
5			2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47



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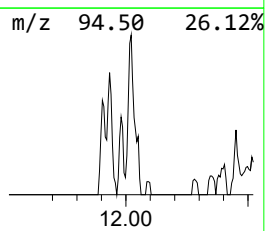
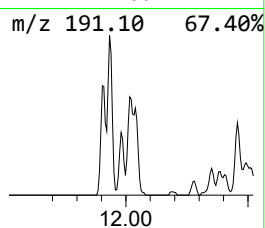
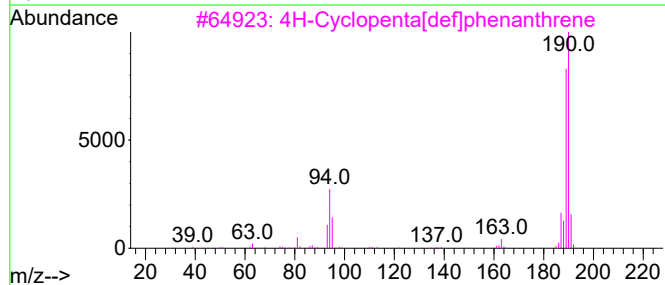
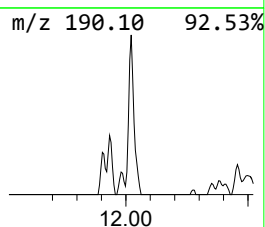
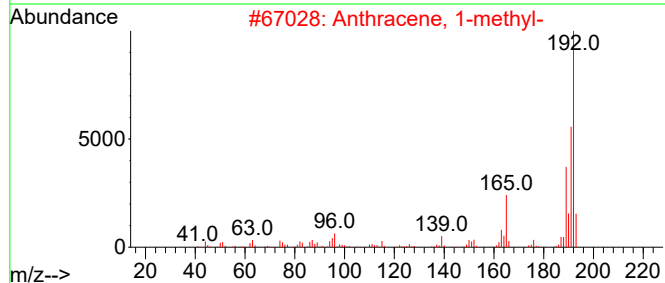
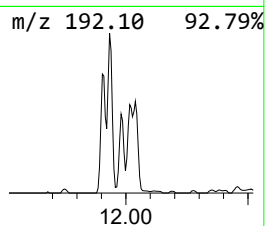
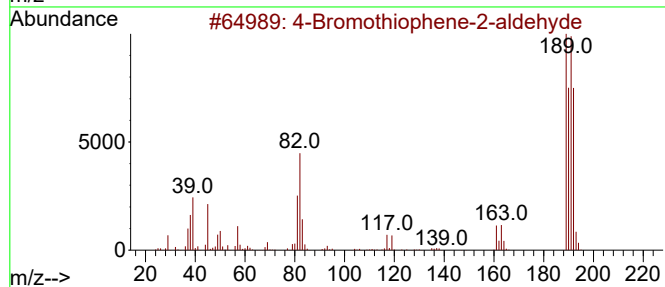
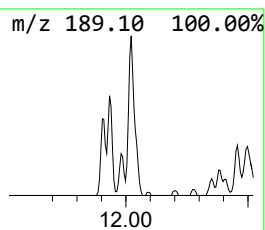
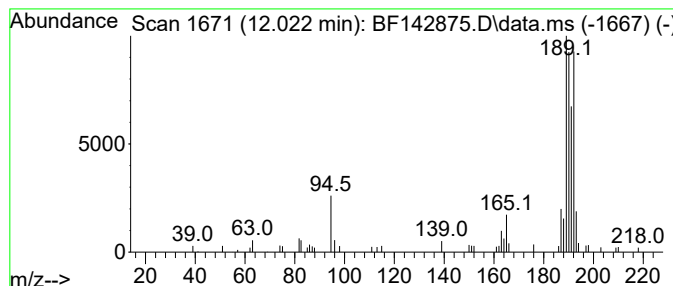
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4-Bromothiophene-2-aldehyde Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	2.53 ng	109157	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	58
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	49
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	41



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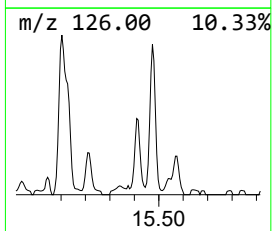
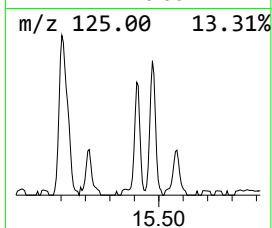
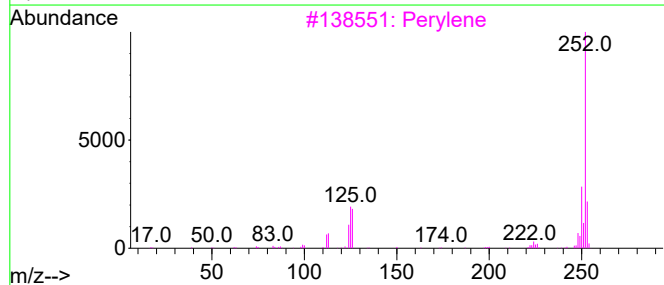
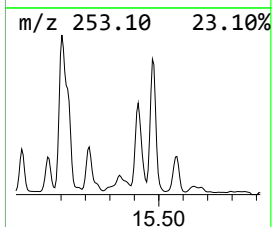
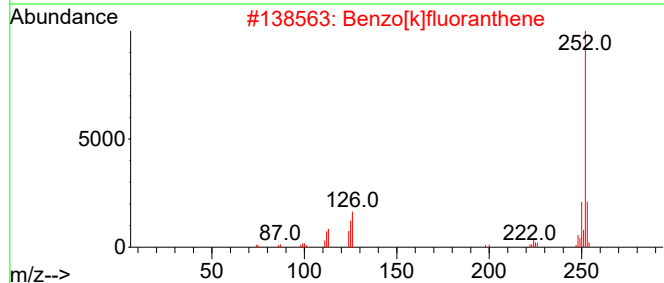
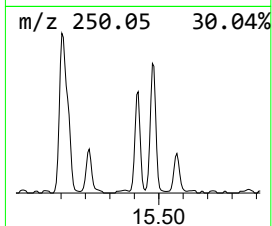
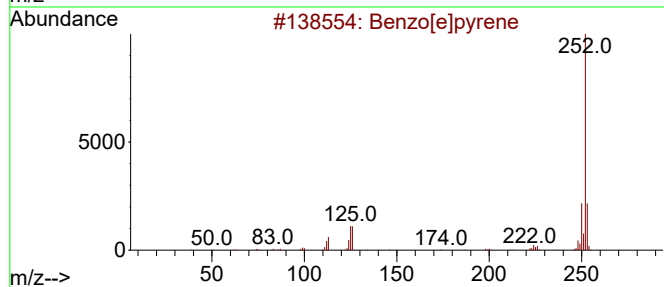
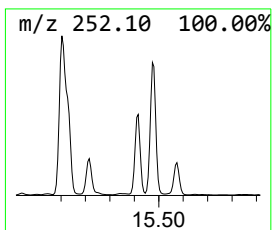
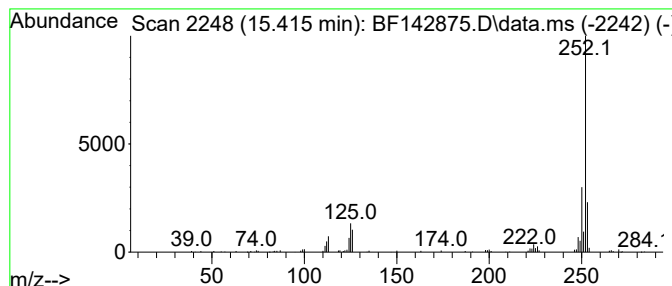
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.416	5.09 ng	133308	Perylene-d12	15.545

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Perylene	252	C20H12	000198-55-0	97
4		Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	94



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WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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
2-Pentanone, 4-...	5.087	5.2	ng	124282	1	6.875	478024	20.0
Benzophenone	10.628	7.2	ng	250268	3	9.916	698912	20.0
4-Bromothiophen...	12.022	2.5	ng	109157	4	11.404	863140	20.0
Benzo[e]pyrene	15.416	5.1	ng	133308	6	15.545	523688	20.0