

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060824\  
 Data File : BN031868.D  
 Acq On : 08 Jun 2024 21:45  
 Operator : MA/JU  
 Sample : P2634-11DL 5X  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BHBX5DL

Quant Time: Jun 10 01:47:37 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN052924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed May 29 15:13:07 2024  
 Response via : Initial Calibration

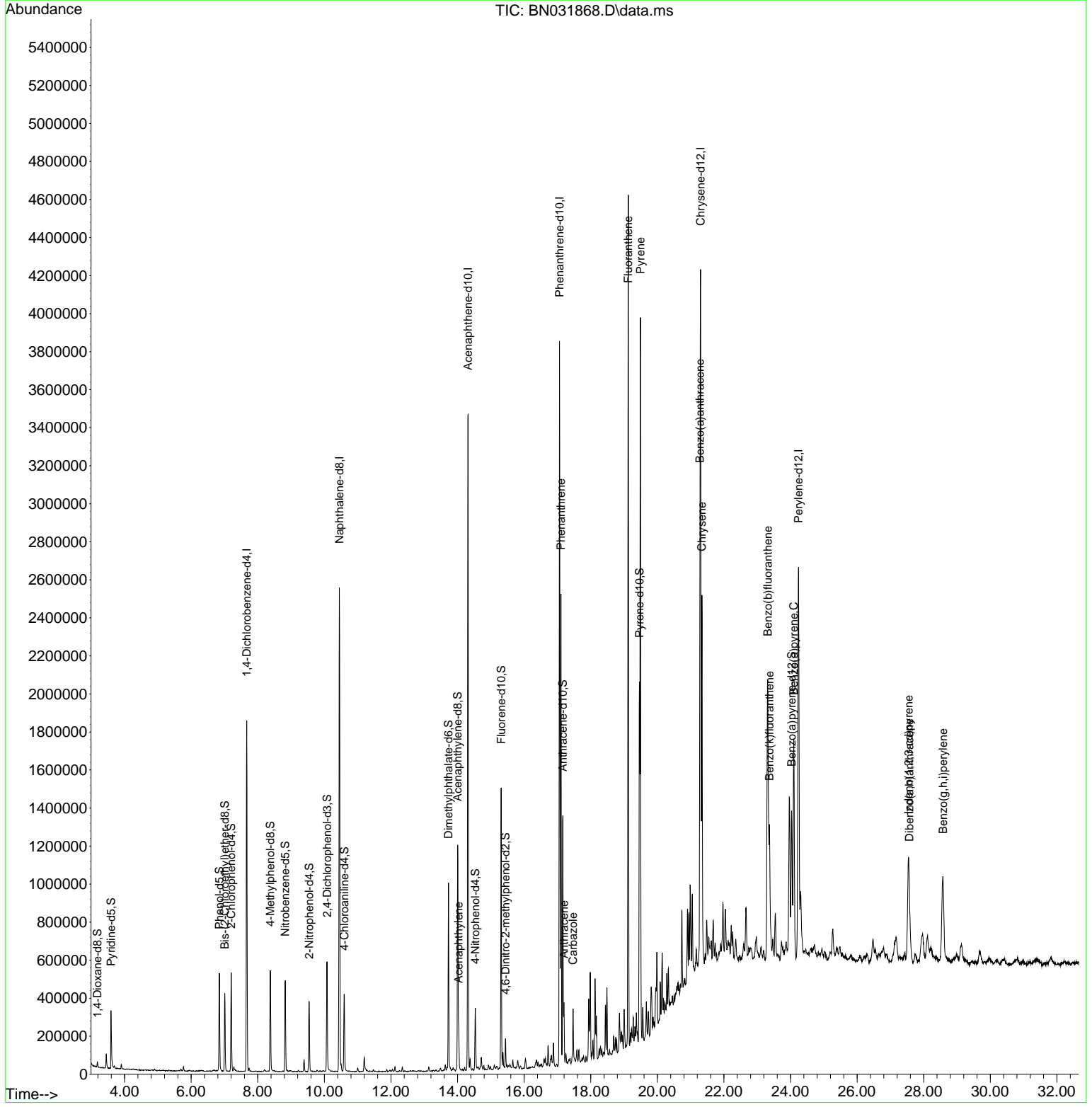
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	512278	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.451	136	2152257	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	1263744	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	2226040	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1526511	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1810576	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	15181	1.226	ng/uL	0.00
4) Pyridine-d5	3.593	84	175381	5.031	ng/u1	0.00
7) Phenol-d5	6.846	99	310761	7.076	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	174641	6.799	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.204	132	256242	7.647	ng/u1	-0.01
15) 4-Methylphenol-d8	8.375	113	221877	6.198	ng/u1	-0.01
21) Nitrobenzene-d5	8.828	128	125930	7.652	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.545	143	129247	7.603	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	230380	7.259	ng/u1	0.00
31) 4-Chloroaniline-d4	10.598	131	241009	5.115	ng/u1	-0.01
46) Dimethylphthalate-d6	13.728	166	654386	7.433	ng/u1	-0.02
49) Acenaphthylene-d8	14.004	160	792811	7.832	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.533	143	84689	4.804	ng/u1	0.00
60) Fluorene-d10	15.310	176	556022	7.464	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	32222	2.880	ng/u1	0.00
73) Anthracene-d10	17.163	188	746970	7.838	ng/u1	0.00
81) Pyrene-d10	19.463	212	684051	8.374	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	664213	7.683	ng/u1	0.00
Target Compounds						
50) Acenaphthylene	14.033	152	146369	1.279	ng/u1	99
72) Phenanthrene	17.104	178	1428791	12.600	ng/u1	98
74) Anthracene	17.198	178	205096	1.785	ng/u1	98
77) Carbazole	17.469	167	169167	1.727	ng/u1	97
80) Fluoranthene	19.127	202	2602286	26.656	ng/u1	98
82) Pyrene	19.492	202	2276027	22.723	ng/u1	97
85) Benzo(a)anthracene	21.280	228	1107424	10.838	ng/u1	97
87) Chrysene	21.339	228	1256463	13.165	ng/u1	98
90) Benzo(b)fluoranthene	23.315	252	1641536	15.168	ng/u1	97
91) Benzo(k)fluoranthene	23.368	252	519762	4.894	ng/u1	96
93) Benzo(a)pyrene	24.098	252	1083276	10.687	ng/u1	93
94) Indeno(1,2,3-cd)pyrene	27.550	276	808983	6.926	ng/u1	99
95) Dibenzo(a,h)anthracene	27.568	278	105821	1.110	ng/u1#	91
96) Benzo(g,h,i)perylene	28.580	276	786078	8.466	ng/u1	97

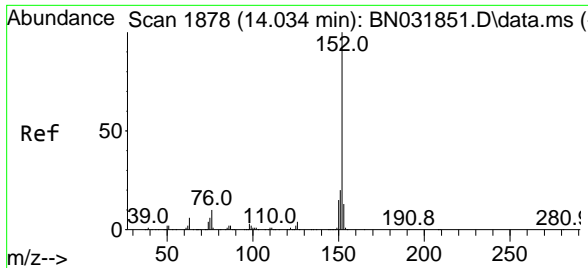
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN052924.MA.M  
 Quant Title : SVOA CALIBRATION  
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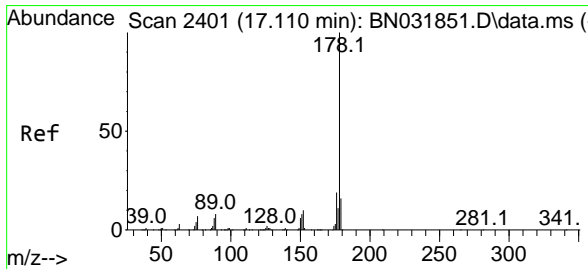
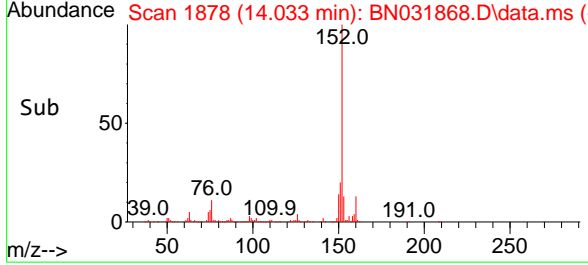
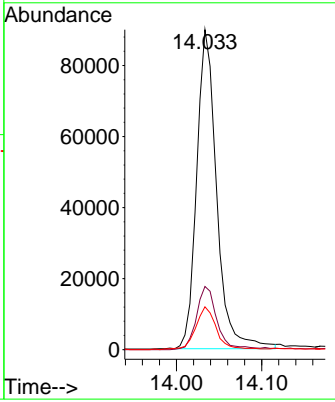
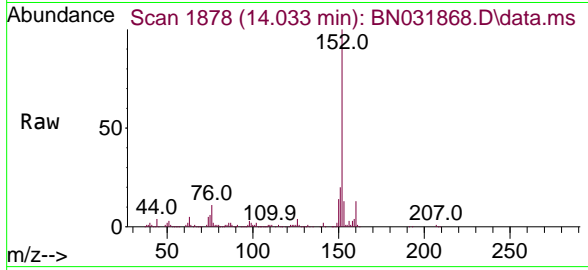


#50  
 Acenaphthylene  
 Concen: 1.279 ng/ul  
 RT: 14.033 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: BN031868.D  
 Acq: 08 Jun 2024 21:45

Instrument : BNA\_N  
 ClientSampleId : BHBX5DL

Tgt Ion:152 Resp: 146369

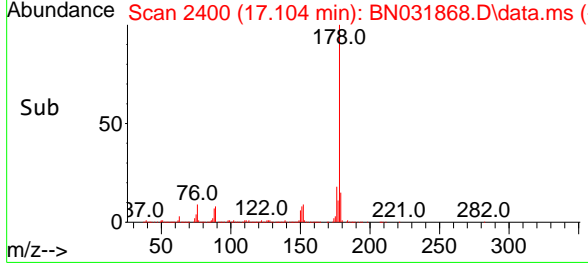
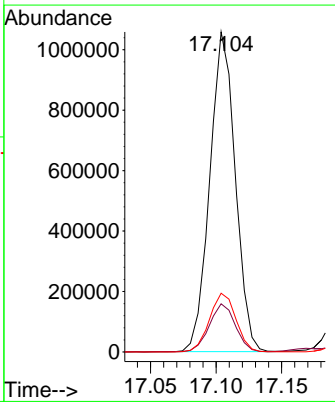
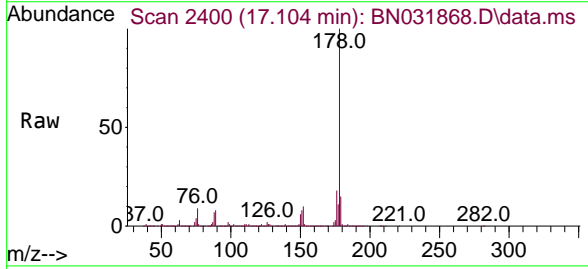
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.4	10.4	15.6

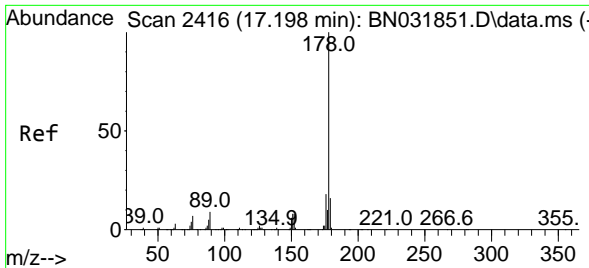


#72  
 Phenanthrene  
 Concen: 12.600 ng/ul  
 RT: 17.104 min Scan# 2400  
 Delta R.T. -0.012 min  
 Lab File: BN031868.D  
 Acq: 08 Jun 2024 21:45

Tgt Ion:178 Resp: 1428791

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	18.4	15.8	23.6



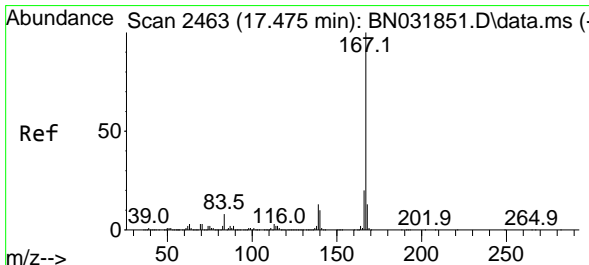
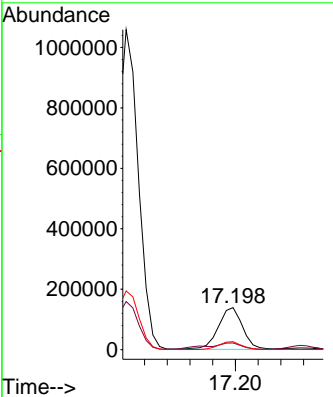
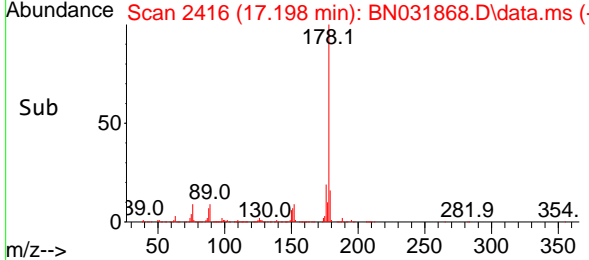
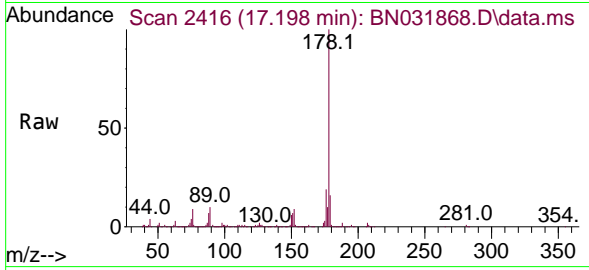


#74  
 Anthracene  
 Concen: 1.785 ng/uI  
 RT: 17.198 min Scan# 2416  
 Delta R.T. -0.006 min  
 Lab File: BN031868.D  
 Acq: 08 Jun 2024 21:45

Instrument : BNA\_N  
 ClientSampleId : BHBX5DL

Tgt Ion:178 Resp: 205096

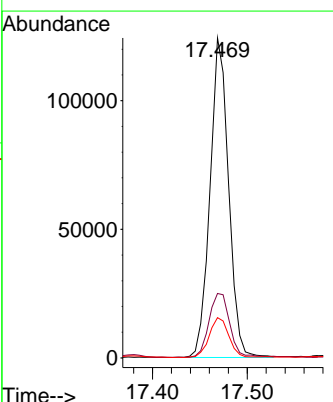
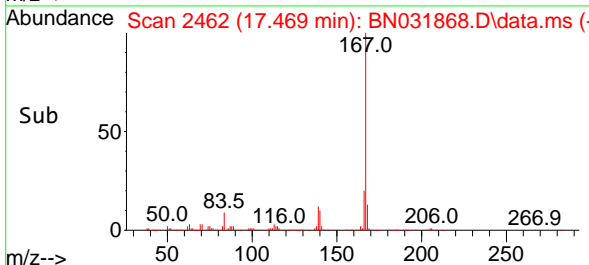
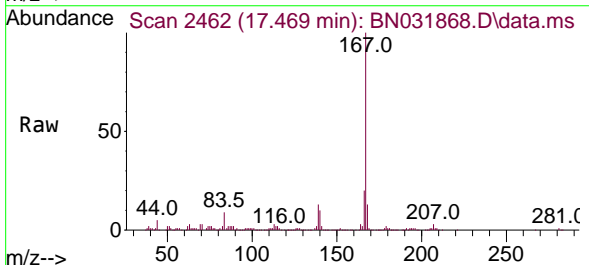
Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.8	17.6
176	19.2	14.8	22.2

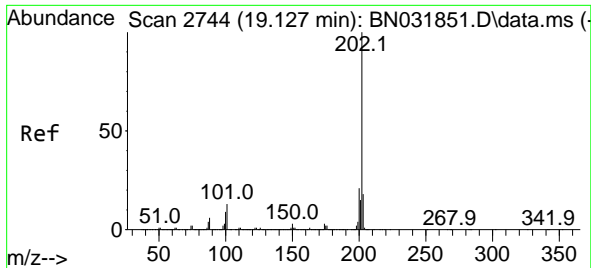


#77  
 Carbazole  
 Concen: 1.727 ng/uI  
 RT: 17.469 min Scan# 2462  
 Delta R.T. -0.006 min  
 Lab File: BN031868.D  
 Acq: 08 Jun 2024 21:45

Tgt Ion:167 Resp: 169167

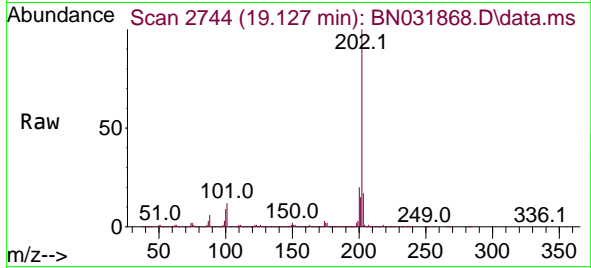
Ion	Ratio	Lower	Upper
167	100		
166	20.2	17.9	26.9
139	12.6	10.5	15.7





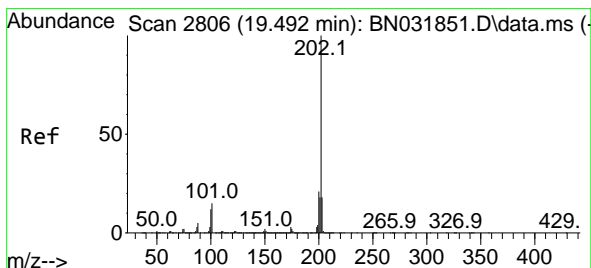
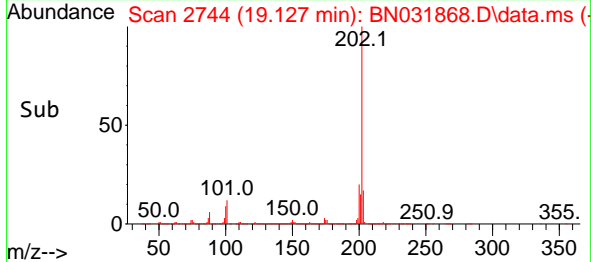
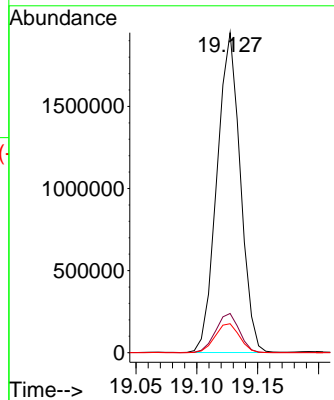
#80  
 Fluoranthene  
 Concen: 26.656 ng/u1  
 RT: 19.127 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BN031868.D  
 Acq: 08 Jun 2024 21:45

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BHBX5DL



Tgt Ion:202 Resp: 2602286

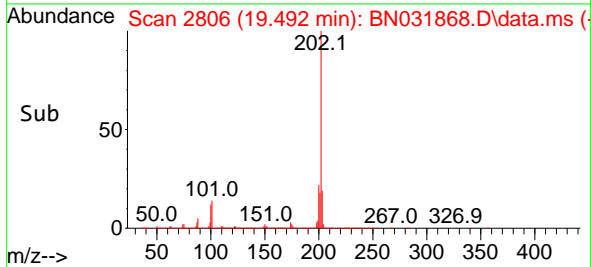
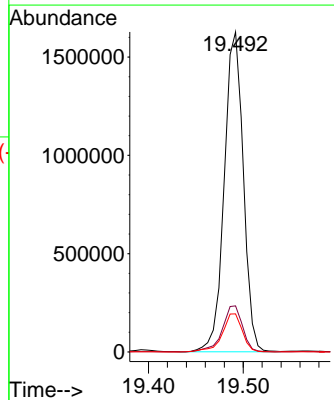
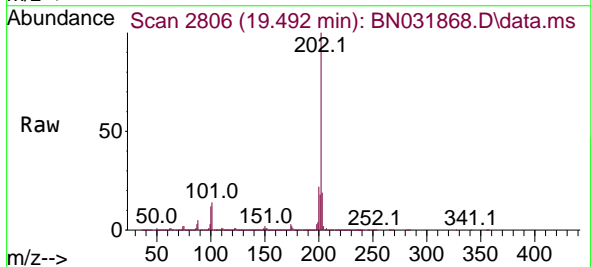
Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.3	15.5
100	9.1	8.0	12.0

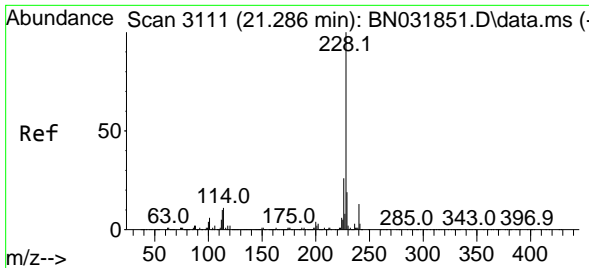


#82  
 Pyrene  
 Concen: 22.723 ng/u1  
 RT: 19.492 min Scan# 2806  
 Delta R.T. -0.000 min  
 Lab File: BN031868.D  
 Acq: 08 Jun 2024 21:45

Tgt Ion:202 Resp: 2276027

Ion	Ratio	Lower	Upper
202	100		
101	14.4	12.6	18.8
100	11.9	10.2	15.2



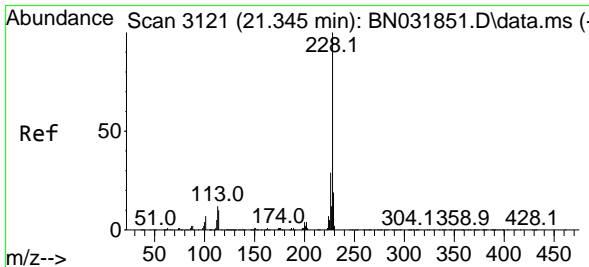
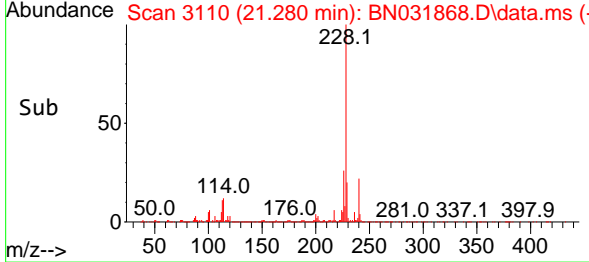
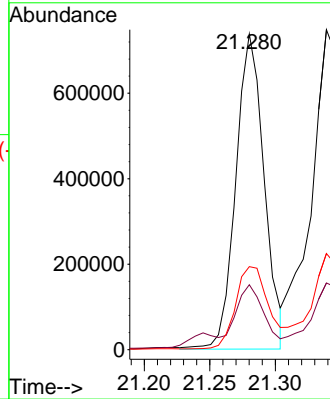
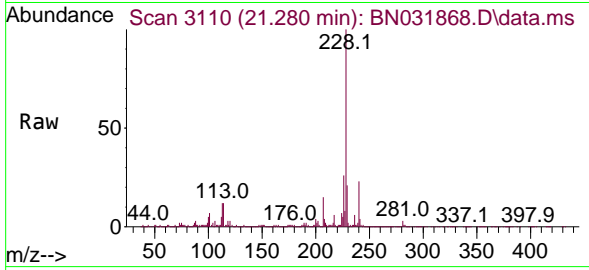


#85  
 Benzo(a)anthracene  
 Concen: 10.838 ng/uI  
 RT: 21.280 min Scan# 3110  
 Delta R.T. -0.006 min  
 Lab File: BN031868.D  
 Acq: 08 Jun 2024 21:45

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BHBX5DL

Tgt Ion:228 Resp: 1107424

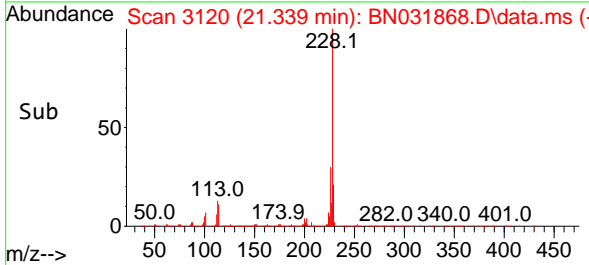
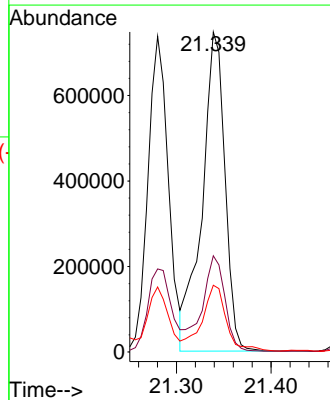
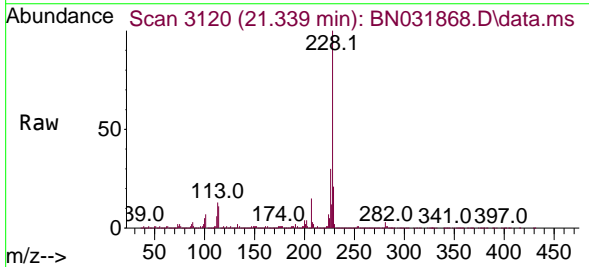
Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.7	25.1
226	26.3	22.8	34.2

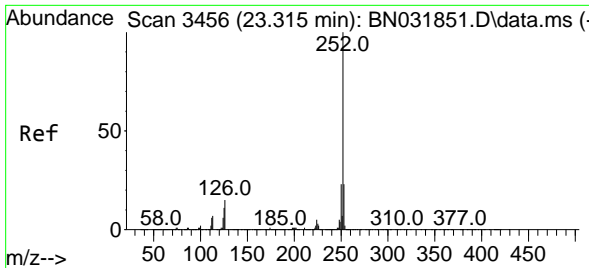


#87  
 Chrysene  
 Concen: 13.165 ng/uI  
 RT: 21.339 min Scan# 3120  
 Delta R.T. -0.012 min  
 Lab File: BN031868.D  
 Acq: 08 Jun 2024 21:45

Tgt Ion:228 Resp: 1256463

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.7	35.5
229	20.8	15.1	22.7



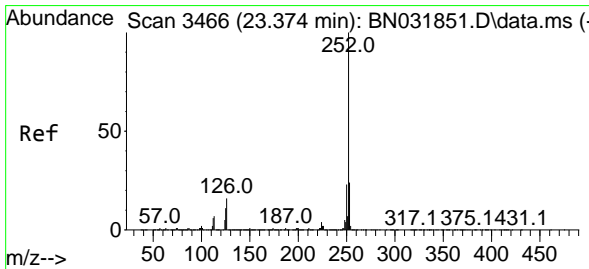
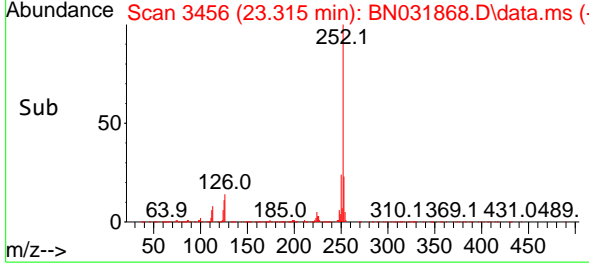
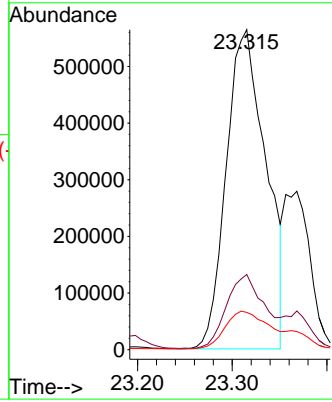
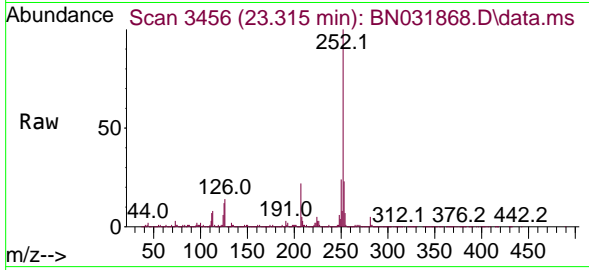


#90  
 Benzo(b)fluoranthene  
 Concen: 15.168 ng/u1  
 RT: 23.315 min Scan# 3456  
 Delta R.T. 0.006 min  
 Lab File: BN031868.D  
 Acq: 08 Jun 2024 21:45

Instrument : BNA\_N  
 ClientSampleId : BHBX5DL

Tgt Ion:252 Resp: 1641536

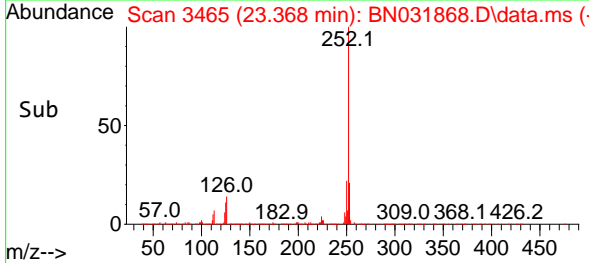
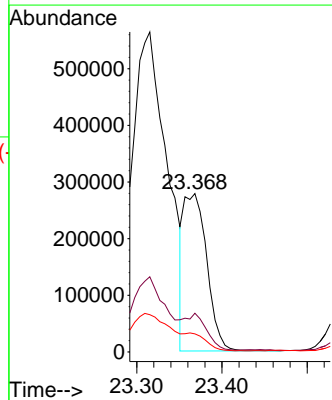
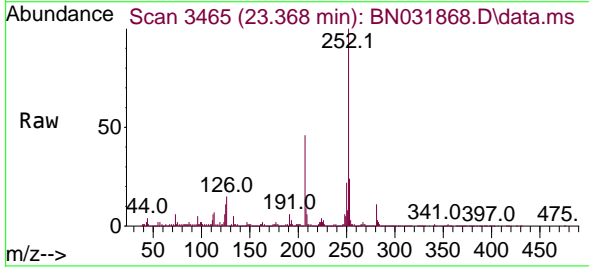
Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	11.7	9.2	13.8

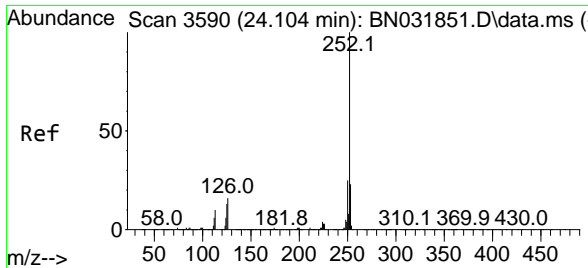


#91  
 Benzo(k)fluoranthene  
 Concen: 4.894 ng/u1  
 RT: 23.368 min Scan# 3465  
 Delta R.T. -0.006 min  
 Lab File: BN031868.D  
 Acq: 08 Jun 2024 21:45

Tgt Ion:252 Resp: 519762

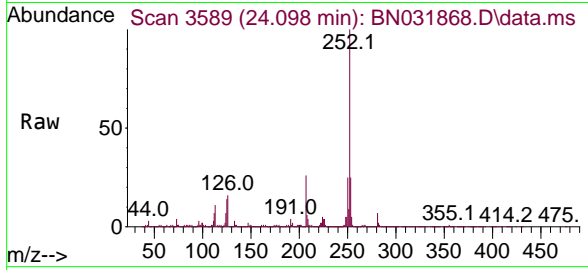
Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.6	26.4
125	11.4	9.4	14.2



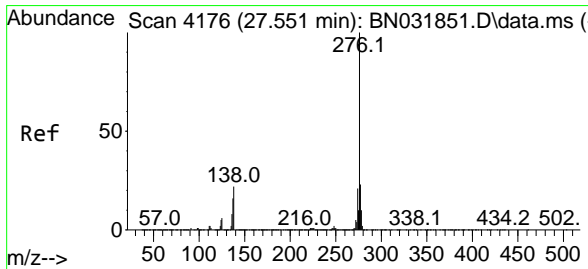
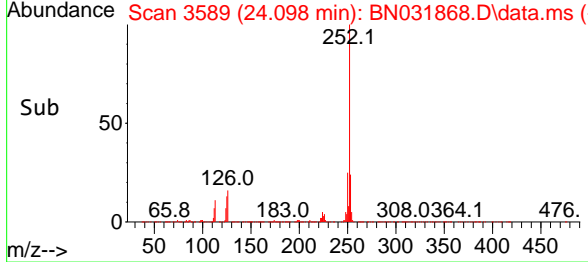
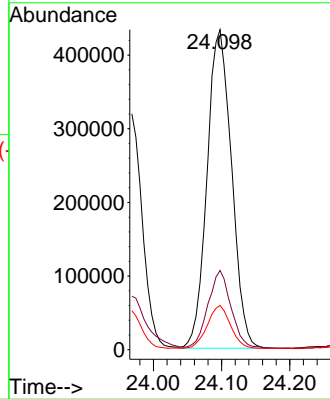


#93  
 Benzo(a)pyrene  
 Concen: 10.687 ng/u1  
 RT: 24.098 min Scan# 3589  
 Delta R.T. -0.006 min  
 Lab File: BN031868.D  
 Acq: 08 Jun 2024 21:45

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 BHBX5DL

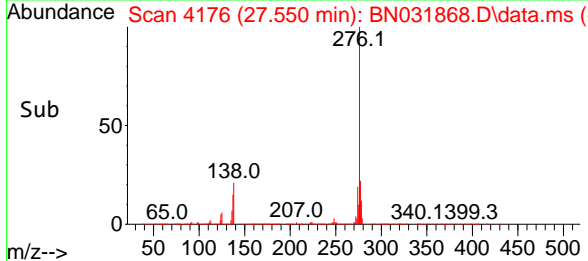
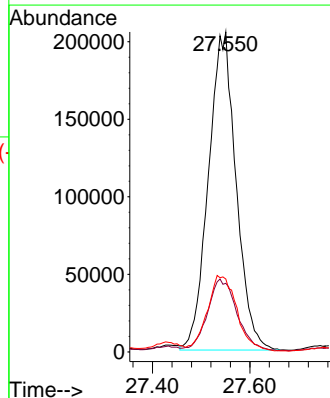
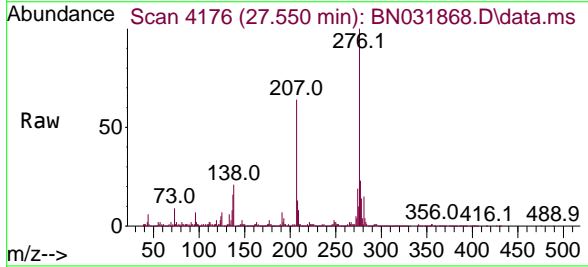


Tgt Ion:252 Resp: 1083276  
 Ion Ratio Lower Upper  
 252 100  
 253 24.8 16.6 24.8  
 125 13.8 9.8 14.8

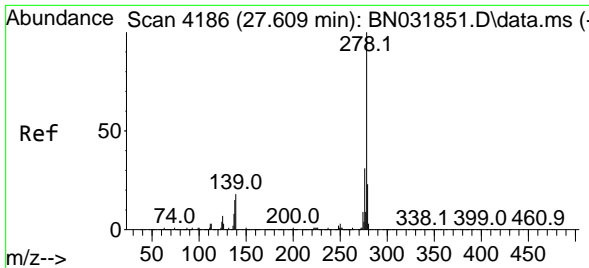


#94  
 Indeno(1,2,3-cd)pyrene  
 Concen: 6.926 ng/u1  
 RT: 27.550 min Scan# 4176  
 Delta R.T. 0.017 min  
 Lab File: BN031868.D  
 Acq: 08 Jun 2024 21:45

Tgt Ion:276 Resp: 808983  
 Ion Ratio Lower Upper  
 276 100  
 138 21.5 18.1 27.1  
 277 22.8 18.2 27.2





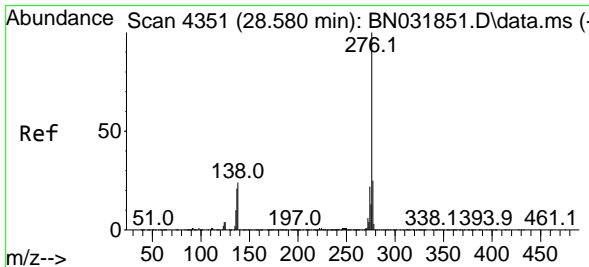
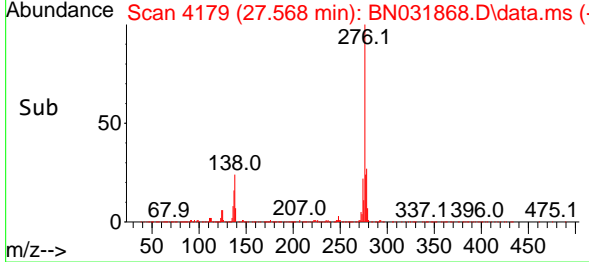
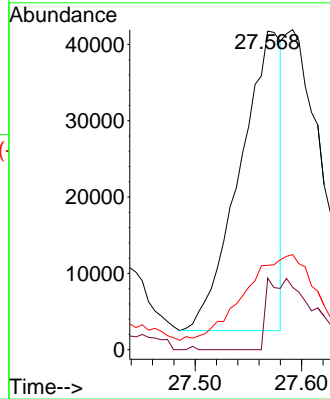
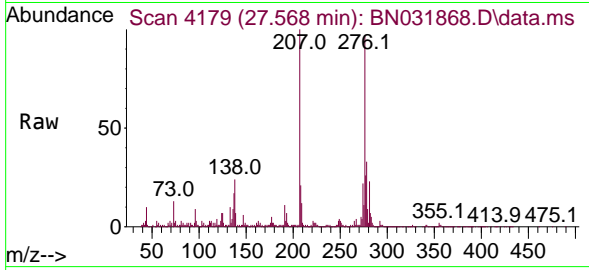


#95  
 Dibenzo(a,h)anthracene  
 Concen: 1.110 ng/ul  
 RT: 27.568 min Scan# 4186  
 Delta R.T. -0.036 min  
 Lab File: BN031868.D  
 Acq: 08 Jun 2024 21:45

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BHBX5DL

Tgt Ion:278 Resp: 105821

Ion	Ratio	Lower	Upper
278	100		
139	22.4	15.0	22.6
279	26.5	17.4	26.0



#96  
 Benzo(g,h,i)perylene  
 Concen: 8.466 ng/ul  
 RT: 28.580 min Scan# 4351  
 Delta R.T. 0.011 min  
 Lab File: BN031868.D  
 Acq: 08 Jun 2024 21:45

Tgt Ion:276 Resp: 786078

Ion	Ratio	Lower	Upper
276	100		
138	23.3	20.9	31.3
277	22.2	18.0	27.0

