

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031697.D
 Acq On : 29 May 2024 19:19
 Operator : MA/JU
 Sample : P2569-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH648

Quant Time: May 29 23:21:47 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)

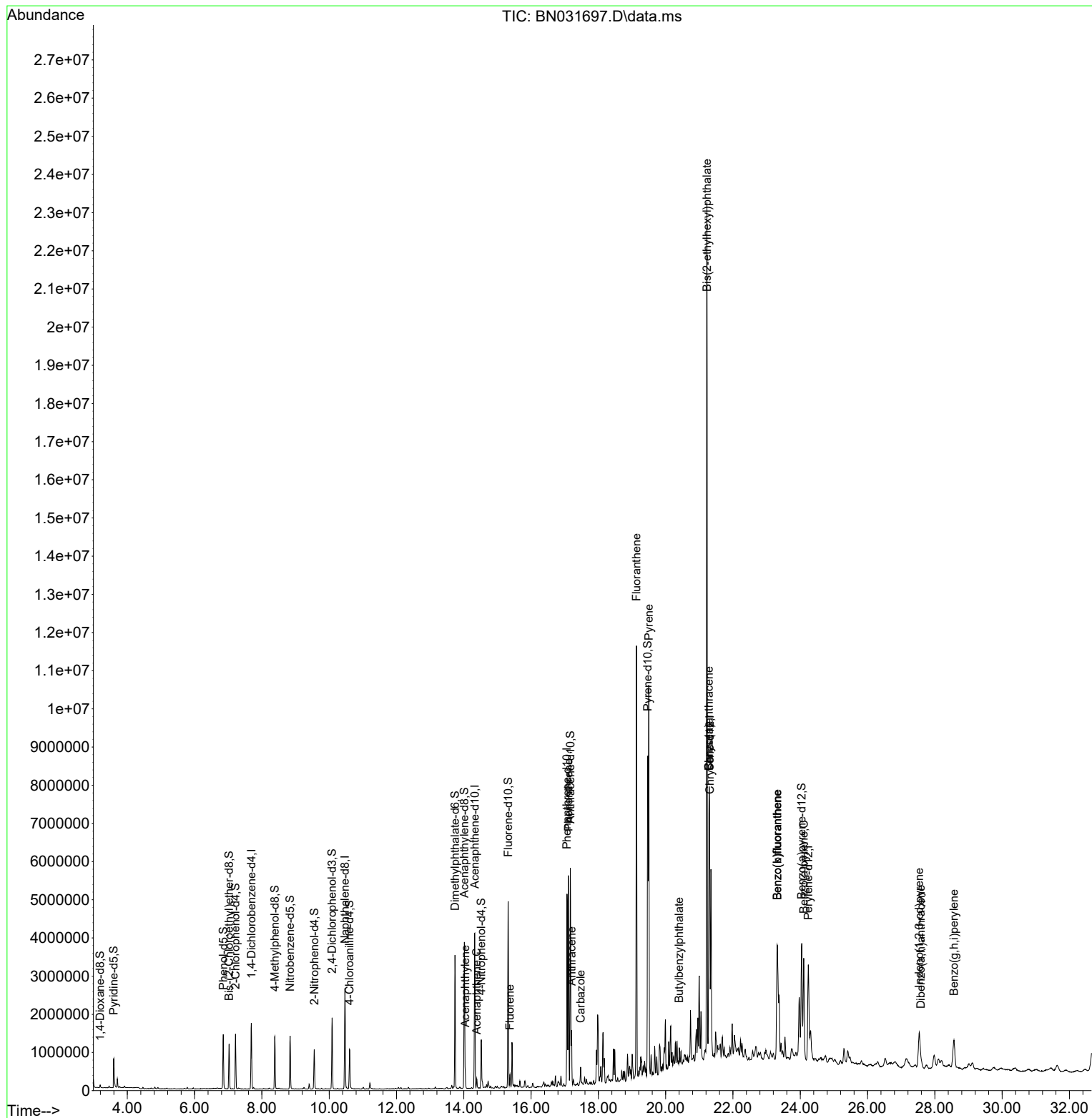
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	481564	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	2225392	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1460932	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2993308	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	2402579	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	2255247	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	40527	3.482	ng/uL	0.00
4) Pyridine-d5	3.593	84	485168	14.807	ng/u1	0.00
7) Phenol-d5	6.852	99	861819	20.876	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	516872	21.404	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	674686	21.418	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	552137	16.407	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	352078	20.692	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	355695	20.237	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	678693	20.683	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	614890	12.621	ng/u1	0.00
46) Dimethylphthalate-d6	13.739	166	2276160	22.364	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2574955	22.003	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	305845	15.009	ng/u1	0.00
60) Fluorene-d10	15.322	176	1970630	22.883	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.386	200	4196	0.279	ng/u1	-0.05
73) Anthracene-d10	17.169	188	3015673	23.532	ng/u1	0.00
81) Pyrene-d10	19.469	212	3533530	27.484	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	2769730	25.720	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.045	152	254725	1.926	ng/u1	98
52) Acenaphthene	14.386	153	98304	1.123	ng/u1	97
61) Fluorene	15.375	166	140734	1.470	ng/u1	95
72) Phenanthrene	17.110	178	3404091	22.324	ng/u1	99
74) Anthracene	17.204	178	894316	5.788	ng/u1	98
77) Carbazole	17.475	167	281421	2.136	ng/u1	99
80) Fluoranthene	19.133	202	6633754	43.174	ng/u1	100
82) Pyrene	19.498	202	5905778	37.463	ng/u1	99
83) Butylbenzylphthalate	20.404	149	112025	1.505	ng/u1	99
85) Benzo(a)anthracene	21.286	228	3372792	20.973	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	10630476	97.942	ng/u1	99
87) Chrysene	21.286	228	3372670	22.453	ng/u1	98
90) Benzo(b)fluoranthene	23.315	252	3456648	25.643	ng/u1	96
91) Benzo(k)fluoranthene	23.315	252	3456648	26.132	ng/u1	97
93) Benzo(a)pyrene	24.104	252	2396157	18.979	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.539	276	1344554	9.242	ng/u1	96
95) Dibenzo(a,h)anthracene	27.580	278	229942	1.936	ng/u1#	93
96) Benzo(g,h,i)perylene	28.568	276	1213393	10.492	ng/u1	97

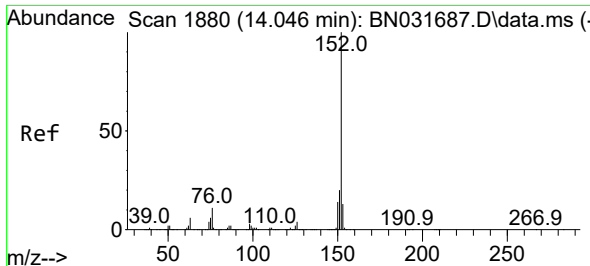
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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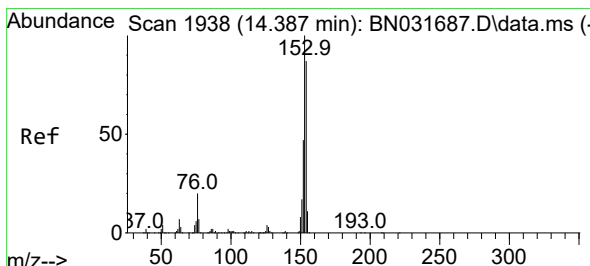
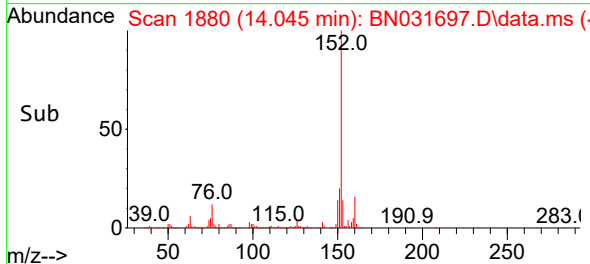
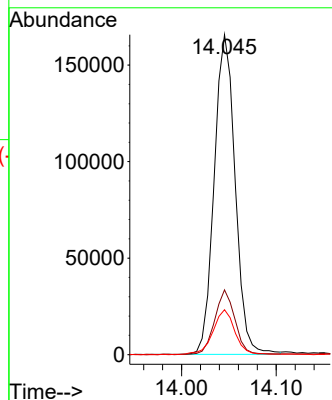
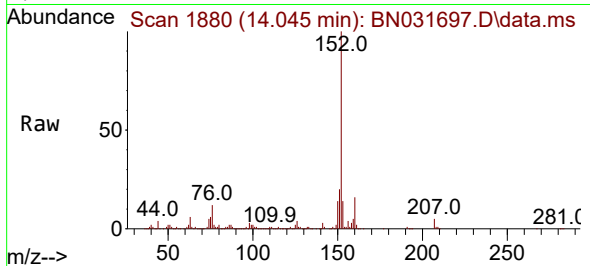




#50
Acenaphthylene
Concen: 1.926 ng/ul
RT: 14.045 min Scan# 1880
Delta R.T. -0.000 min
Lab File: BN031697.D
Acq: 29 May 2024 19:19

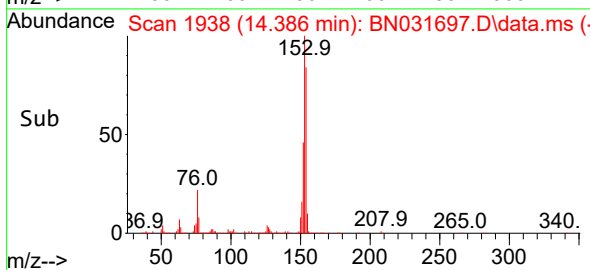
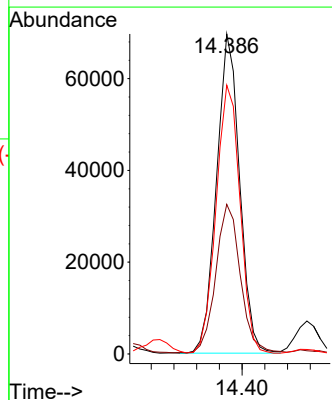
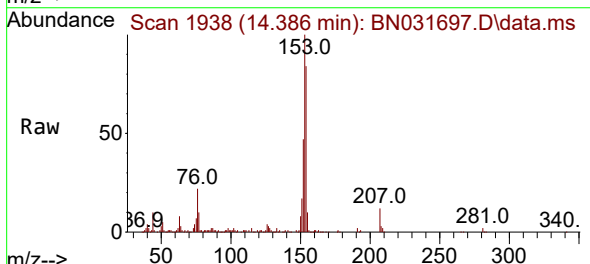
Instrument :
BNA_N
ClientSampleId :
BH648

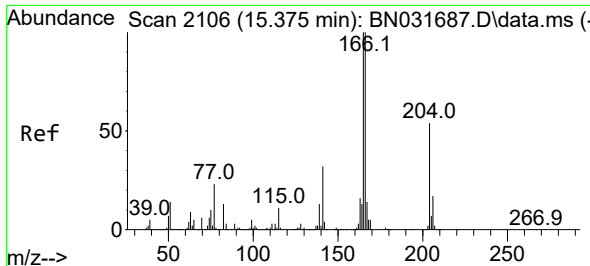
Tgt Ion:152 Resp: 254725
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 14.1 10.4 15.6



#52
Acenaphthene
Concen: 1.123 ng/ul
RT: 14.386 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BN031697.D
Acq: 29 May 2024 19:19

Tgt Ion:153 Resp: 98304
Ion Ratio Lower Upper
153 100
152 46.8 37.8 56.6
154 84.0 69.8 104.8

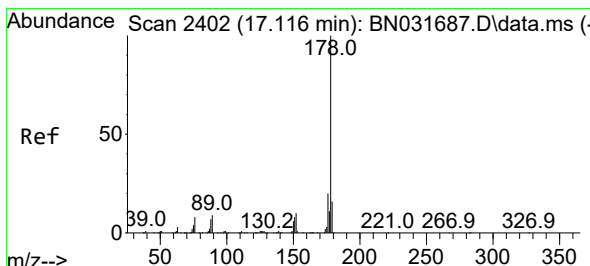
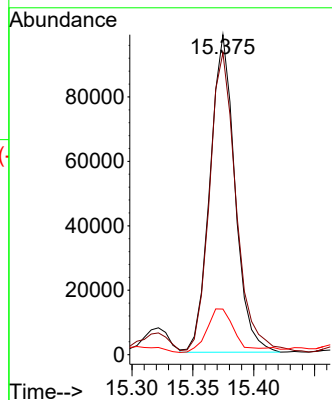
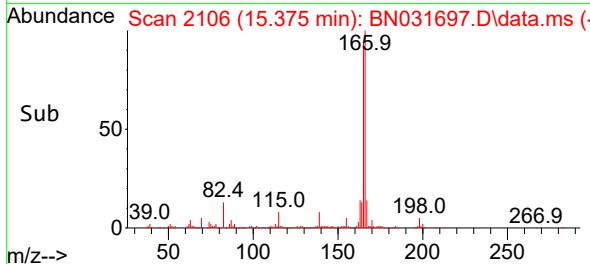
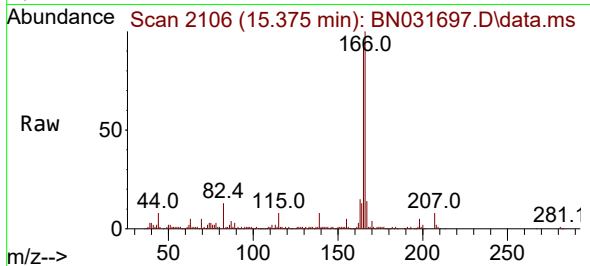




#61
Fluorene
Concen: 1.470 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN031697.D
Acq: 29 May 2024 19:19

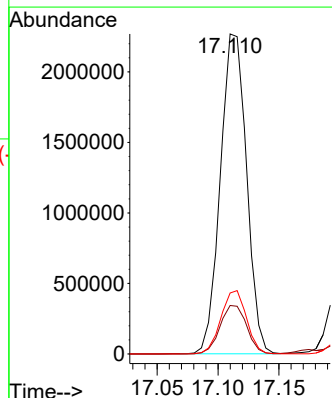
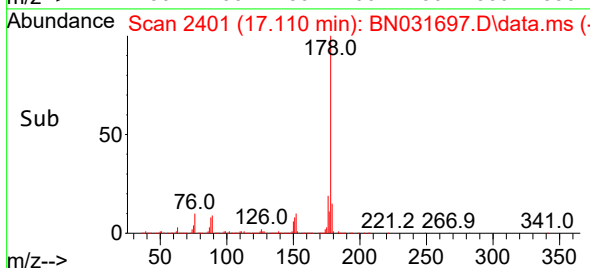
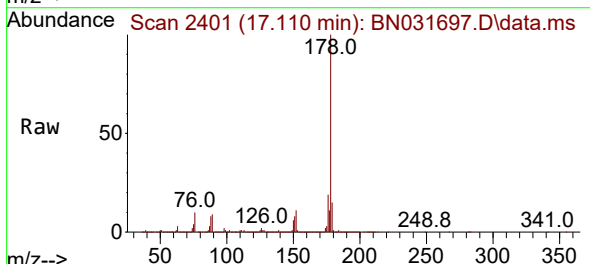
Instrument :
BNA_N
ClientSampleId :
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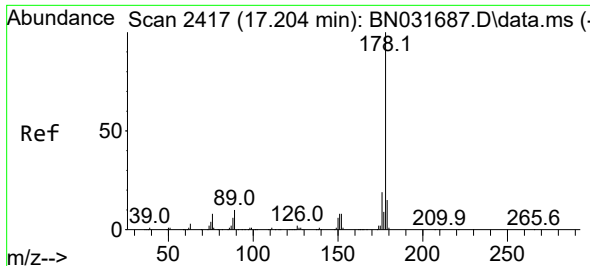
Tgt Ion:166 Resp: 140734
Ion Ratio Lower Upper
166 100
165 94.4 80.3 120.5
167 14.3 11.3 16.9



#72
Phenanthrene
Concen: 22.324 ng/ul
RT: 17.110 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BN031697.D
Acq: 29 May 2024 19:19

Tgt Ion:178 Resp: 3404091
Ion Ratio Lower Upper
178 100
179 15.1 12.6 19.0
176 19.1 15.8 23.6

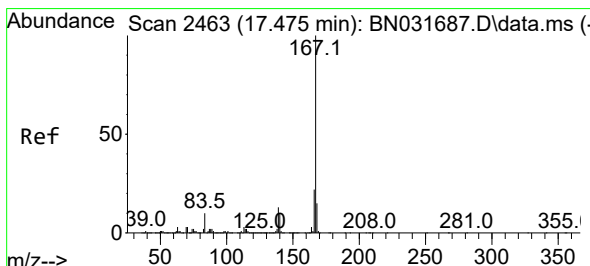
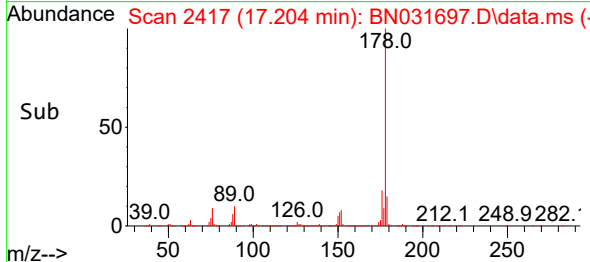
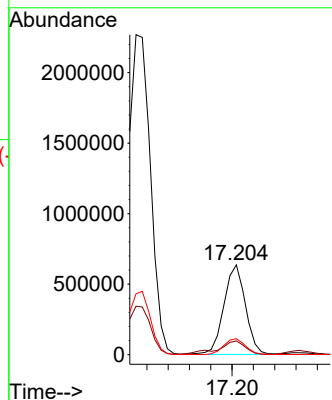
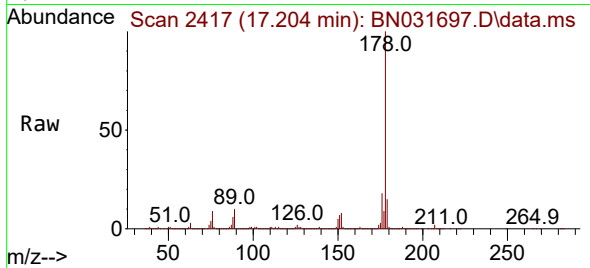




#74
 Anthracene
 Concen: 5.788 ng/ul
 RT: 17.204 min Scan# 2417
 Delta R.T. -0.000 min
 Lab File: BN031697.D
 Acq: 29 May 2024 19:19

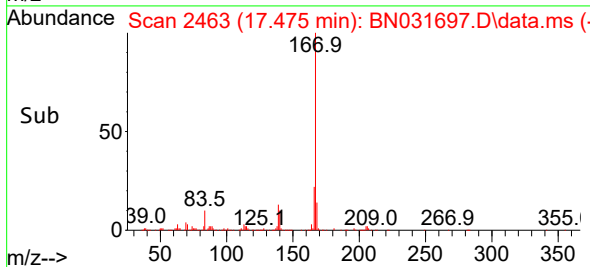
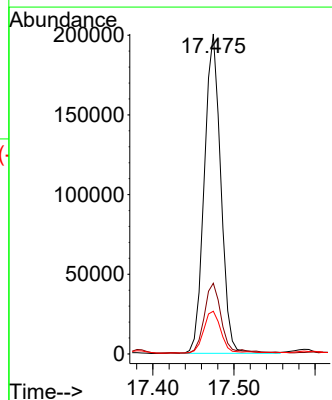
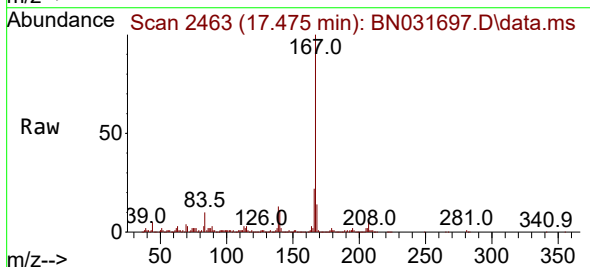
Instrument :
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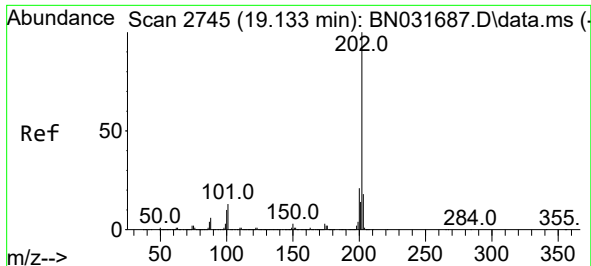
Tgt Ion:178 Resp: 894316
 Ion Ratio Lower Upper
 178 100
 179 15.4 11.8 17.6
 176 17.8 14.8 22.2



#77
 Carbazole
 Concen: 2.136 ng/ul
 RT: 17.475 min Scan# 2463
 Delta R.T. -0.000 min
 Lab File: BN031697.D
 Acq: 29 May 2024 19:19

Tgt Ion:167 Resp: 281421
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.9 26.9
 139 13.4 10.5 15.7

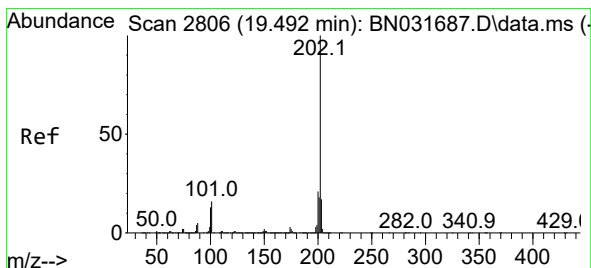
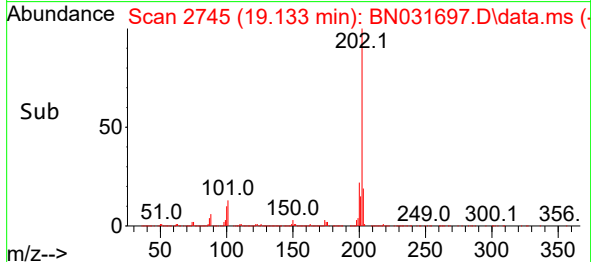
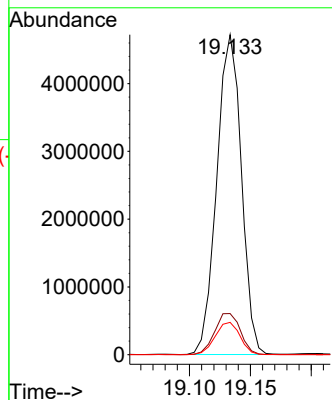
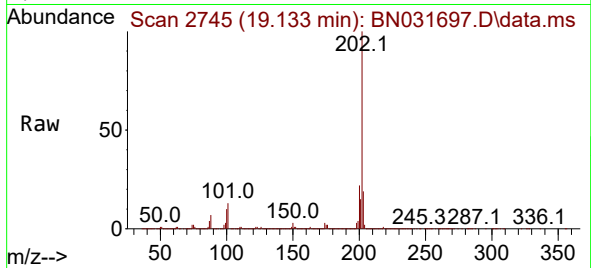




#80
Fluoranthene
Concen: 43.174 ng/ul
RT: 19.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN031697.D
Acq: 29 May 2024 19:19

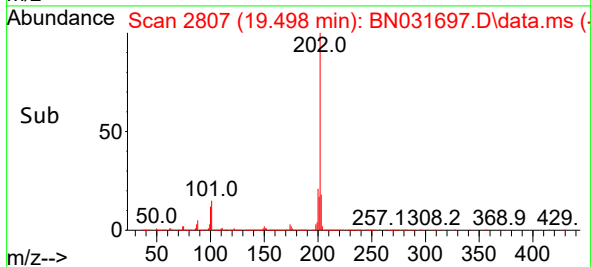
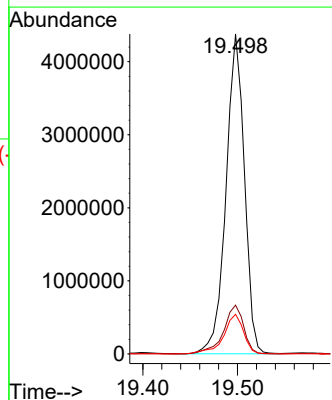
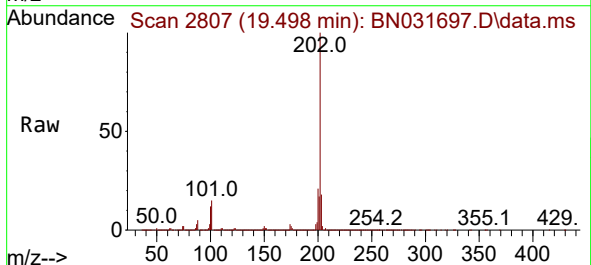
Instrument :
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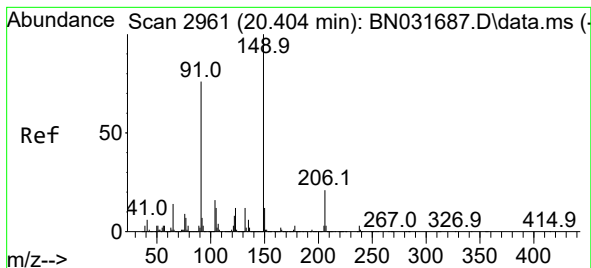
Tgt Ion:202 Resp: 6633754
Ion Ratio Lower Upper
202 100
101 12.9 10.3 15.5
100 10.1 8.0 12.0



#82
Pyrene
Concen: 37.463 ng/ul
RT: 19.498 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BN031697.D
Acq: 29 May 2024 19:19

Tgt Ion:202 Resp: 5905778
Ion Ratio Lower Upper
202 100
101 15.3 12.6 18.8
100 12.4 10.2 15.2





#83

Butylbenzylphthalate

Concen: 1.505 ng/ul

RT: 20.404 min Scan# 2961

Delta R.T. -0.000 min

Lab File: BN031697.D

Acq: 29 May 2024 19:19

Instrument :

BNA_N

ClientSampleId :

BH648

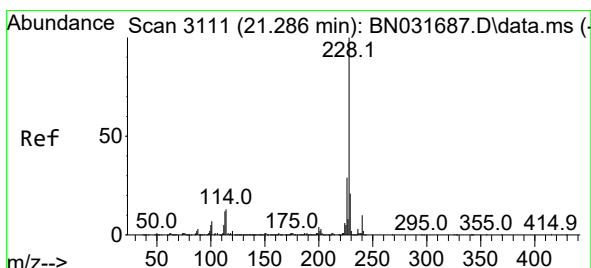
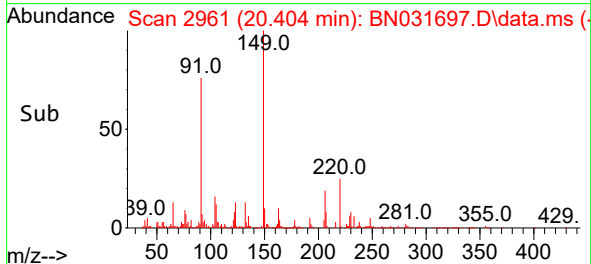
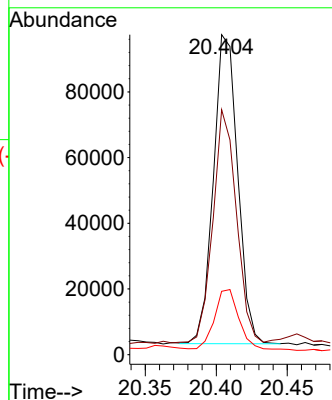
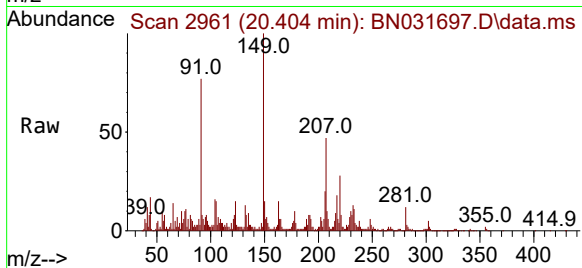
Tgt Ion:149 Resp: 112025

Ion Ratio Lower Upper

149 100

91 76.5 61.0 91.4

206 19.8 16.5 24.7



#85

Benzo(a)anthracene

Concen: 20.973 ng/ul

RT: 21.286 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BN031697.D

Acq: 29 May 2024 19:19

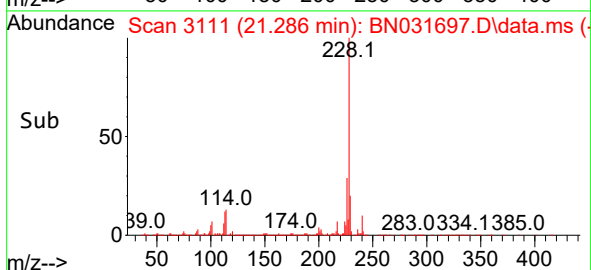
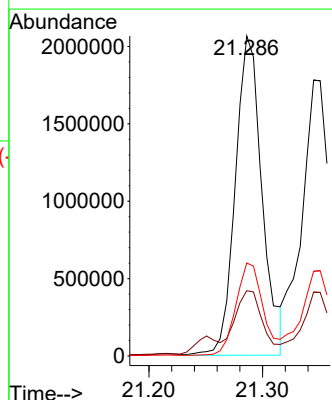
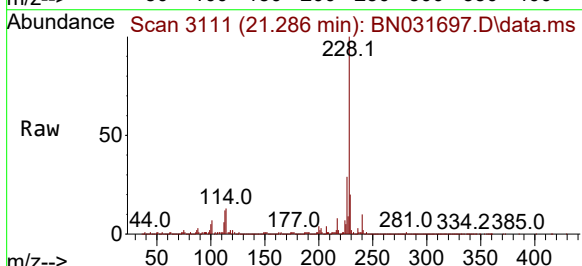
Tgt Ion:228 Resp: 3372792

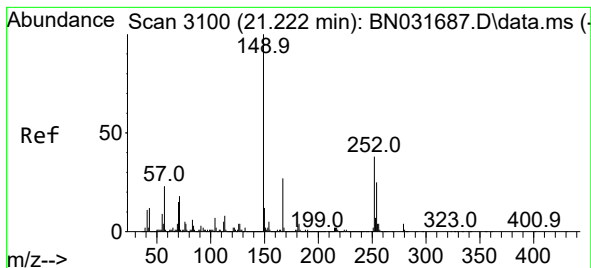
Ion Ratio Lower Upper

228 100

229 20.4 16.7 25.1

226 29.1 22.8 34.2

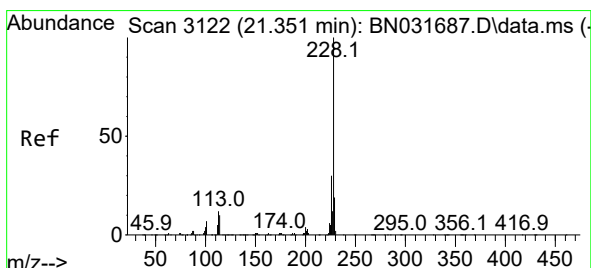
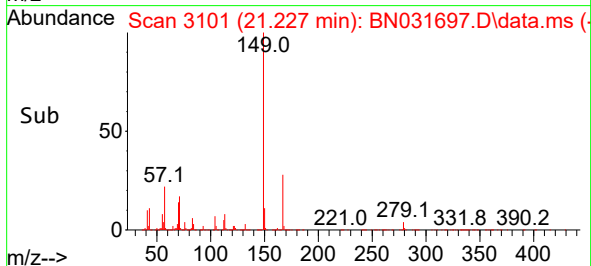
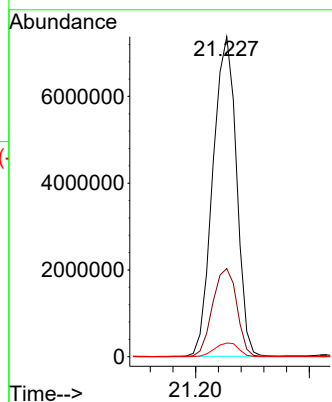
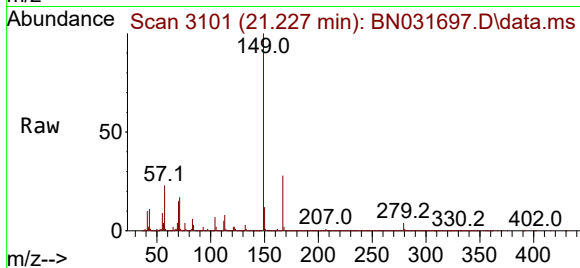




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 97.942 ng/ul
 RT: 21.227 min Scan# 3100
 Delta R.T. 0.006 min
 Lab File: BN031697.D
 Acq: 29 May 2024 19:19

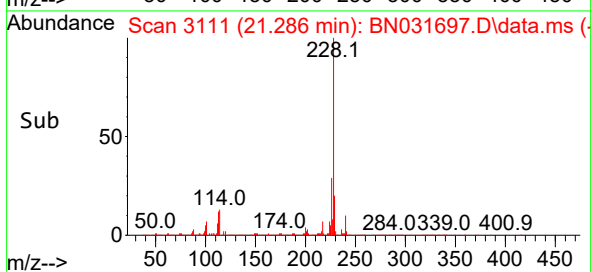
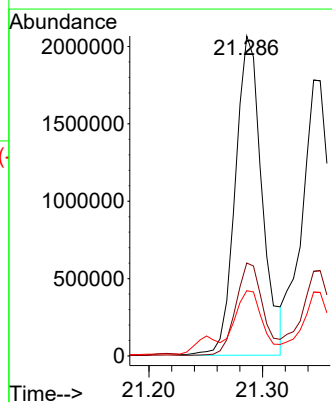
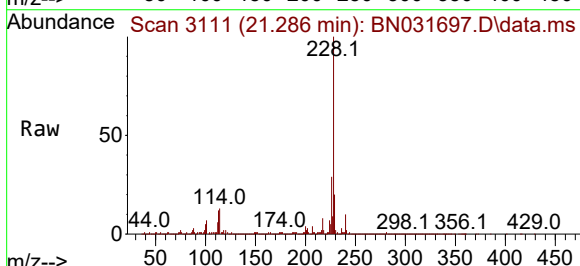
Instrument :
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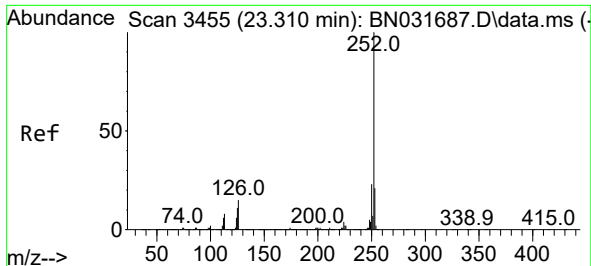
Tgt Ion:149 Resp:10630476
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.4 32.0
 279 4.2 3.3 4.9



#87
 Chrysene
 Concen: 22.453 ng/ul
 RT: 21.286 min Scan# 3111
 Delta R.T. -0.065 min
 Lab File: BN031697.D
 Acq: 29 May 2024 19:19

Tgt Ion:228 Resp: 3372670
 Ion Ratio Lower Upper
 228 100
 226 29.1 23.7 35.5
 229 20.4 15.1 22.7

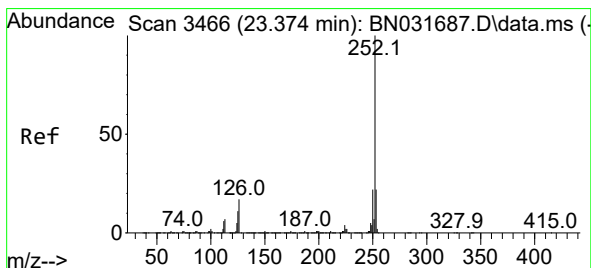
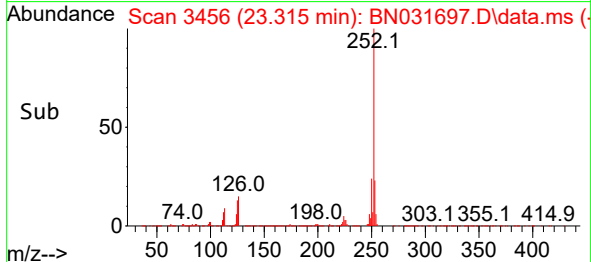
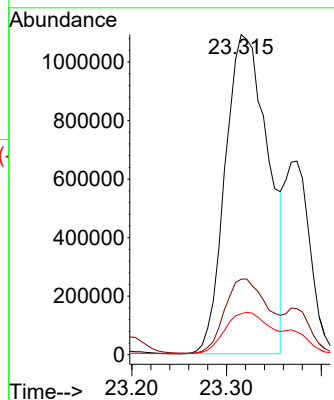
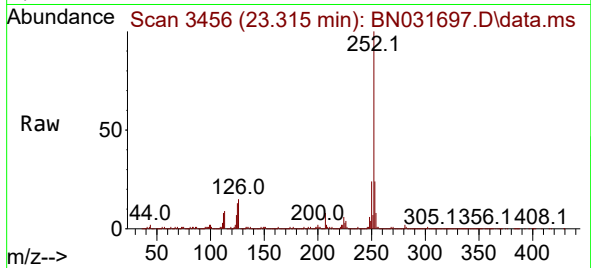




#90
Benzo(b)fluoranthene
Concen: 25.643 ng/ul
RT: 23.315 min Scan# 3455
Delta R.T. 0.006 min
Lab File: BN031697.D
Acq: 29 May 2024 19:19

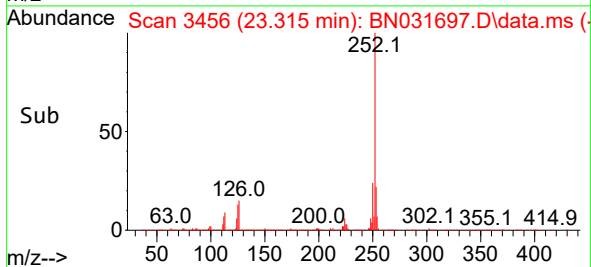
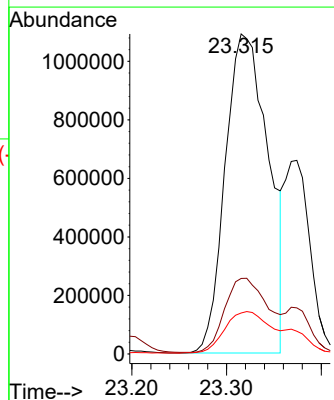
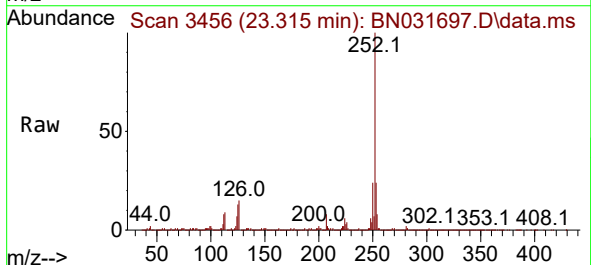
Instrument :
BNA_N
ClientSampleId :
BH648

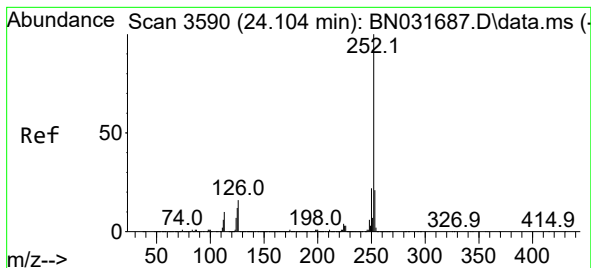
Tgt Ion:252 Resp: 3456648
Ion Ratio Lower Upper
252 100
253 23.6 17.0 25.6
125 12.8 9.2 13.8



#91
Benzo(k)fluoranthene
Concen: 26.132 ng/ul
RT: 23.315 min Scan# 3456
Delta R.T. -0.059 min
Lab File: BN031697.D
Acq: 29 May 2024 19:19

Tgt Ion:252 Resp: 3456648
Ion Ratio Lower Upper
252 100
253 23.6 17.6 26.4
125 12.8 9.4 14.2





#93

Benzo(a)pyrene

Concen: 18.979 ng/ul

RT: 24.104 min Scan# 3

Delta R.T. -0.000 min

Lab File: BN031697.D

Acq: 29 May 2024 19:19

Instrument :

BNA_N

ClientSampleId :

BH648

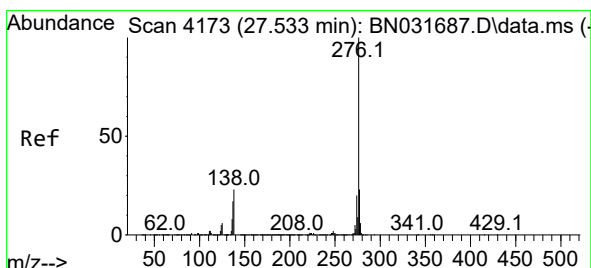
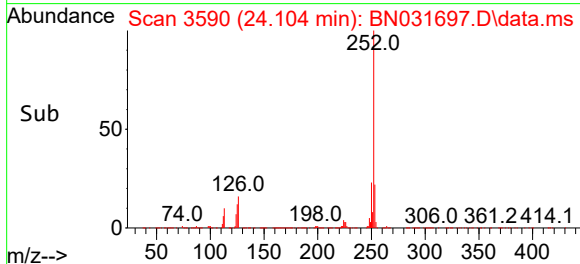
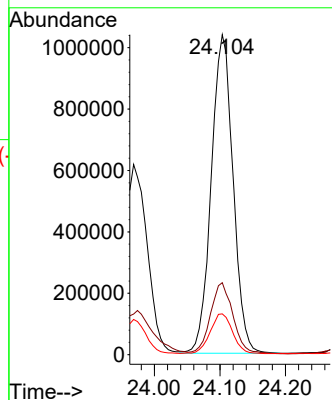
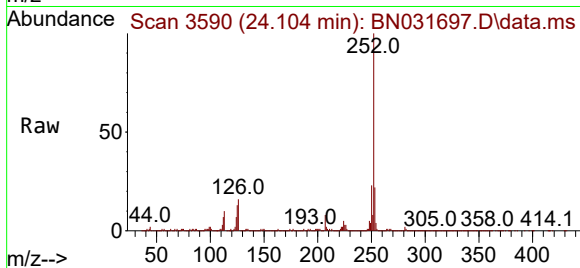
Tgt Ion:252 Resp: 2396157

Ion Ratio Lower Upper

252 100

253 22.5 16.6 24.8

125 12.7 9.8 14.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 9.242 ng/ul

RT: 27.539 min Scan# 4174

Delta R.T. 0.006 min

Lab File: BN031697.D

Acq: 29 May 2024 19:19

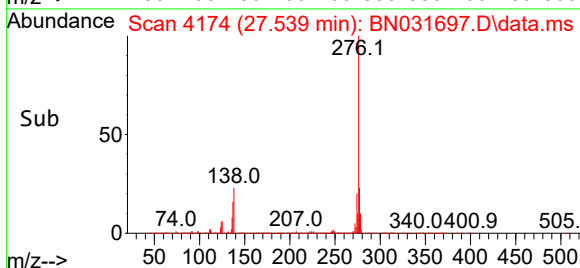
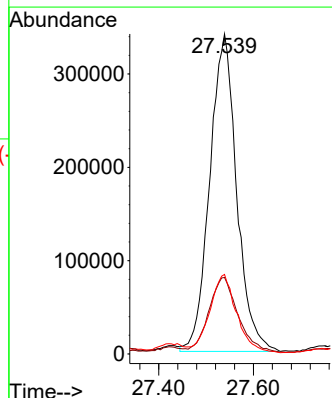
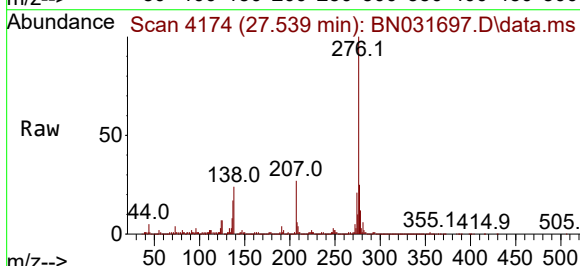
Tgt Ion:276 Resp: 1344554

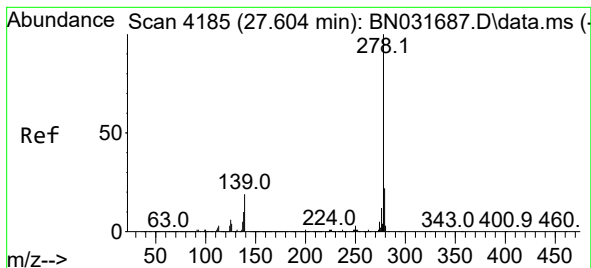
Ion Ratio Lower Upper

276 100

138 23.9 18.1 27.1

277 24.9 18.2 27.2





#95

Dibenzo(a,h)anthracene

Concen: 1.936 ng/ul

RT: 27.580 min Scan# 4181

Delta R.T. -0.024 min

Lab File: BN031697.D

Acq: 29 May 2024 19:19

Instrument :

BNA_N

ClientSampleId :

BH648

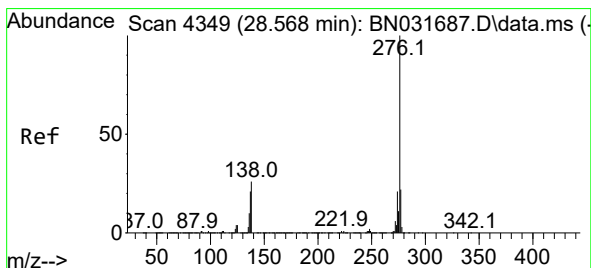
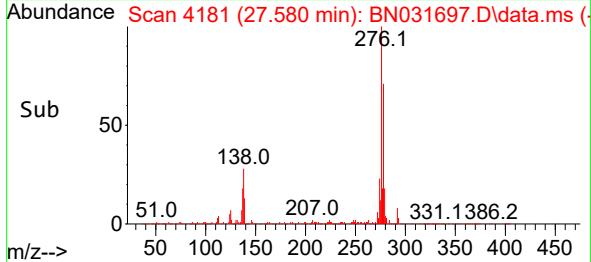
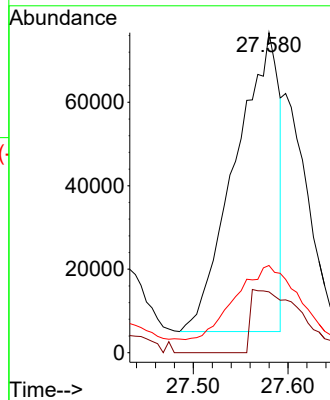
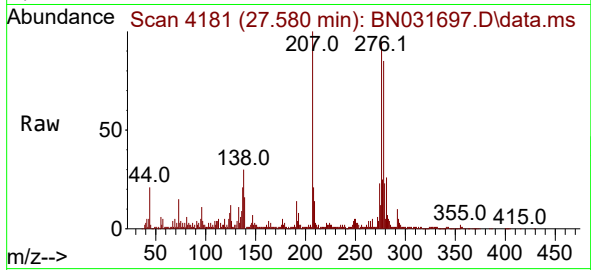
Tgt Ion:278 Resp: 229942

Ion Ratio Lower Upper

278 100

139 19.0 15.0 22.6

279 27.3 17.4 26.0#



#96

Benzo(g,h,i)perylene

Concen: 10.492 ng/ul

RT: 28.568 min Scan# 4349

Delta R.T. -0.000 min

Lab File: BN031697.D

Acq: 29 May 2024 19:19

Tgt Ion:276 Resp: 1213393

Ion Ratio Lower Upper

276 100

138 25.8 20.9 31.3

277 24.8 18.0 27.0

