

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
 Data File : BN031637.D
 Acq On : 23 May 2024 18:14
 Operator : MA/JU
 Sample : P2547-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5W8

Quant Time: May 23 22:52:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 23:42:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

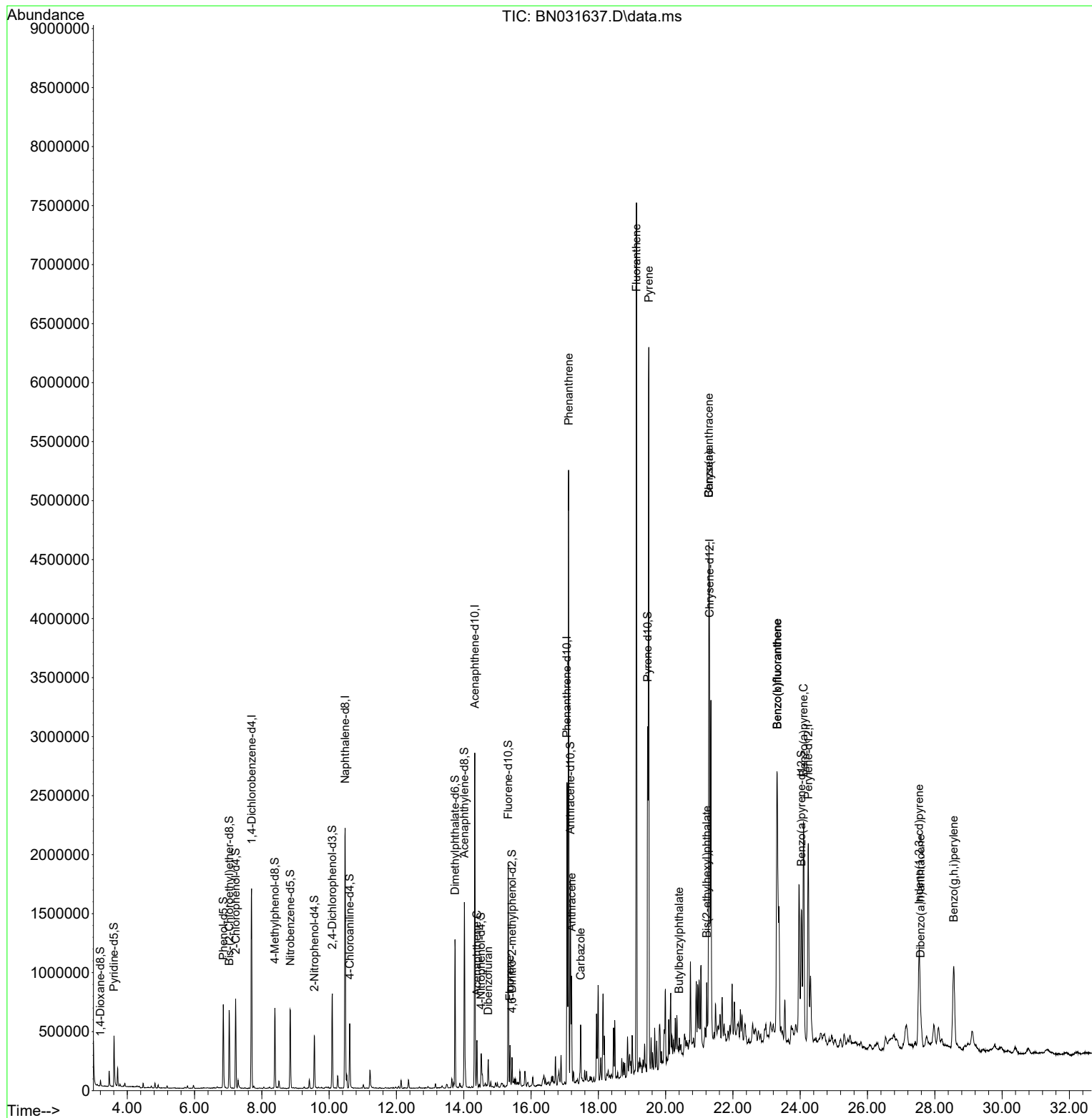
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	465297	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	1851932	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	958377	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	1557156	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1228426	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1482077	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	25029	2.132	ng/uL	0.00
4) Pyridine-d5	3.605	84	230850	7.047	ng/u1	0.00
7) Phenol-d5	6.852	99	427878	11.171	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	287169	12.500	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	354329	12.005	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	259971	8.767	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	165644	11.818	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	147183	10.997	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	290896	11.116	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	304602	8.075	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	839540	13.900	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	1023860	13.525	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	61136	5.350	ng/u1	0.00
60) Fluorene-d10	15.322	176	704952	13.468	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	43403	6.447	ng/u1	0.00
73) Anthracene-d10	17.169	188	917475	13.918	ng/u1	0.00
81) Pyrene-d10	19.463	212	980498	12.725	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	1008097	14.450	ng/u1	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.393	153	156049	2.756	ng/u1	91
56) Dibenzofuran	14.728	168	126764	1.677	ng/u1	97
61) Fluorene	15.375	166	145865	2.464	ng/u1	97
72) Phenanthrene	17.116	178	3068799	38.833	ng/u1	99
74) Anthracene	17.204	178	525441	6.627	ng/u1	98
77) Carbazole	17.475	167	292306	4.320	ng/u1	98
80) Fluoranthene	19.134	202	4244714	44.567	ng/u1	99
82) Pyrene	19.498	202	3644964	37.318	ng/u1	98
83) Butylbenzylphthalate	20.404	149	34819	1.050	ng/u1	99
85) Benzo(a)anthracene	21.286	228	1849685	22.391	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.222	149	194202	4.279	ng/u1	98
87) Chrysene	21.286	228	1848674	24.228	ng/u1	98
90) Benzo(b)fluoranthene	23.316	252	2425378	28.043	ng/u1	98
91) Benzo(k)fluoranthene	23.316	252	2425378	27.510	ng/u1	99
93) Benzo(a)pyrene	24.098	252	1740341	20.948	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.539	276	1226609	12.302	ng/u1	98
95) Dibenzo(a,h)anthracene	27.574	278	166183	2.024	ng/u1	93
96) Benzo(g,h,i)perylene	28.562	276	1158875	14.067	ng/u1	98

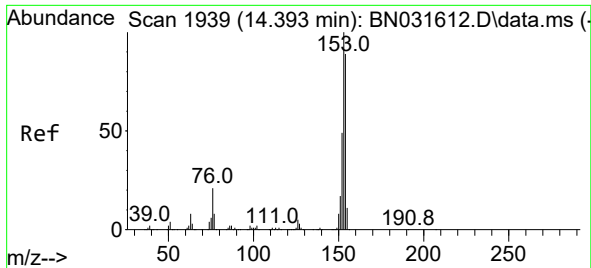
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 23 22:52:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 23:42:49 2024
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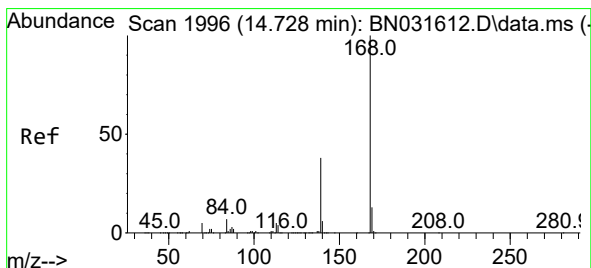
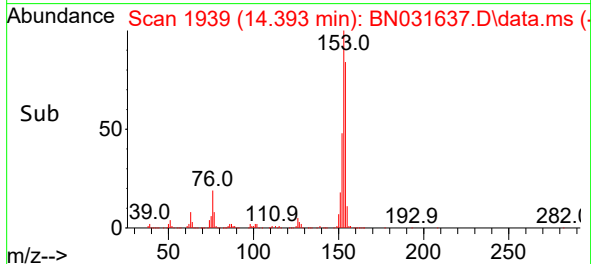
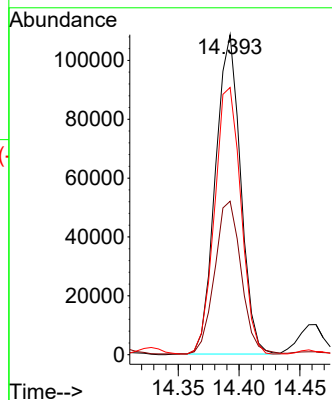
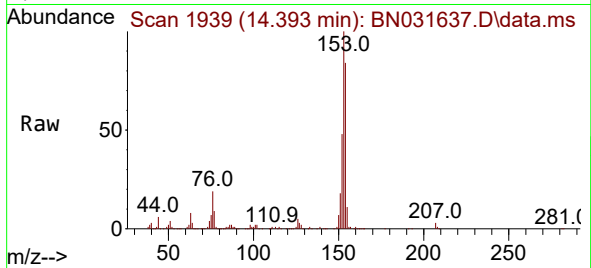




#52
Acenaphthene
Concen: 2.756 ng/ul
RT: 14.393 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BN031637.D
Acq: 23 May 2024 18:14

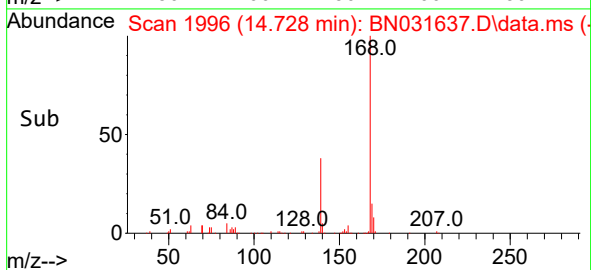
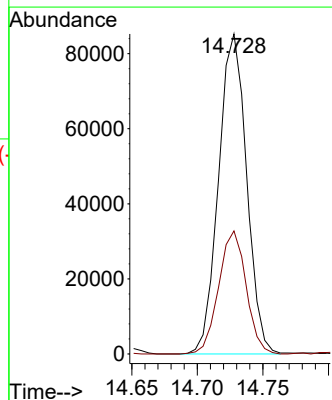
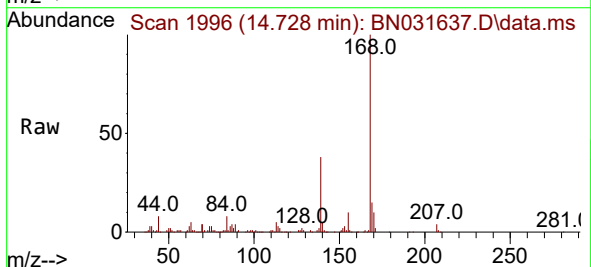
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BNA_N
ClientSampleId :
BH5W8

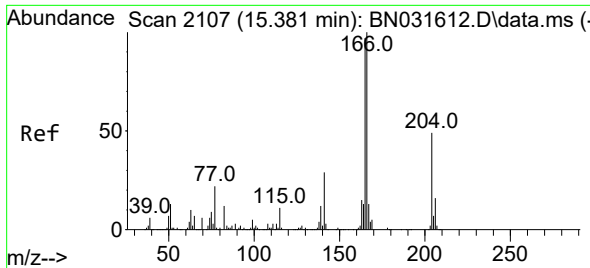
Tgt Ion:153 Resp: 156049
Ion Ratio Lower Upper
153 100
152 48.0 40.5 60.7
154 83.5 76.6 114.8



#56
Dibenzofuran
Concen: 1.677 ng/ul
RT: 14.728 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN031637.D
Acq: 23 May 2024 18:14

Tgt Ion:168 Resp: 126764
Ion Ratio Lower Upper
168 100
139 38.4 29.2 43.8

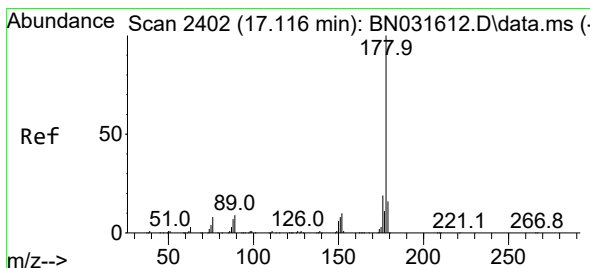
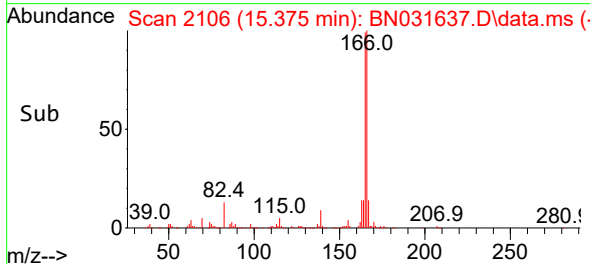
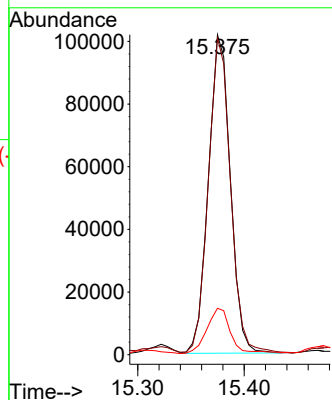
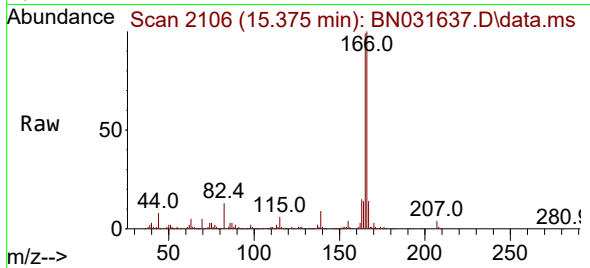




#61
Fluorene
Concen: 2.464 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BN031637.D
Acq: 23 May 2024 18:14

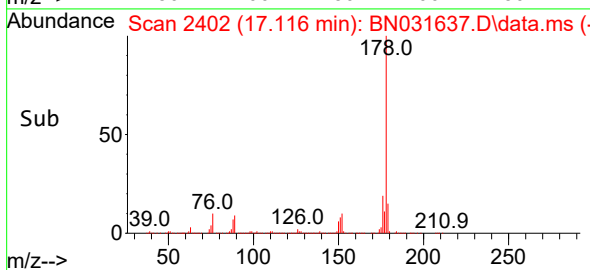
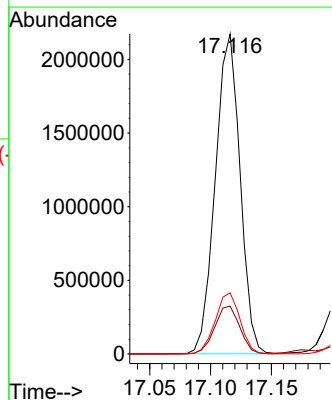
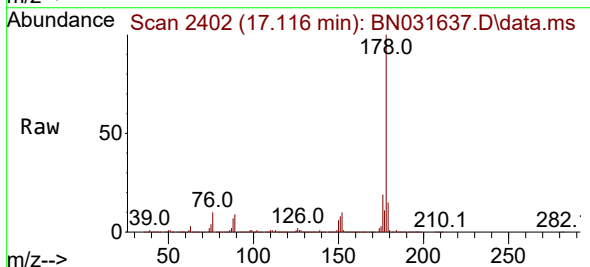
Instrument :
BNA_N
ClientSampleId :
BH5W8

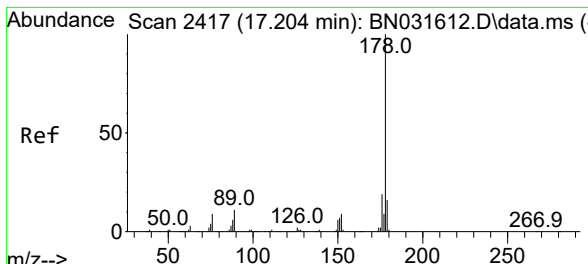
Tgt Ion:166 Resp: 145865
Ion Ratio Lower Upper
166 100
165 99.0 77.0 115.6
167 14.5 10.9 16.3



#72
Phenanthrene
Concen: 38.833 ng/ul
RT: 17.116 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN031637.D
Acq: 23 May 2024 18:14

Tgt Ion:178 Resp: 3068799
Ion Ratio Lower Upper
178 100
179 15.0 12.6 18.8
176 19.1 15.2 22.8

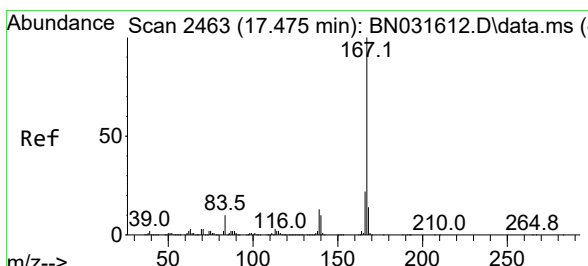
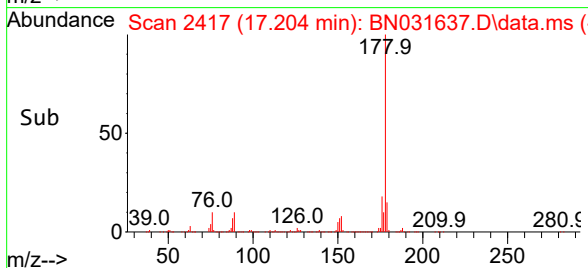
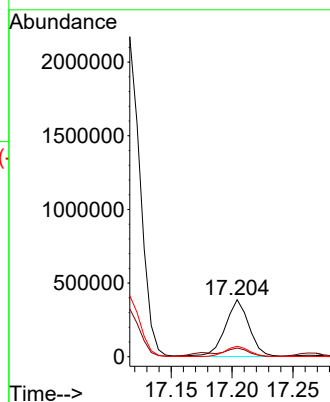
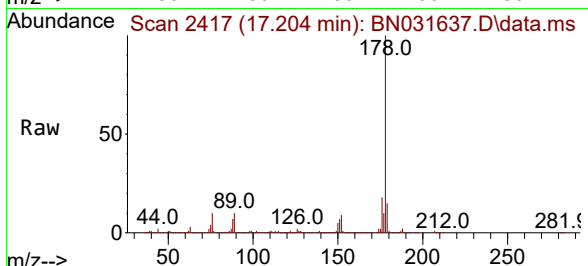




#74
 Anthracene
 Concen: 6.627 ng/ul
 RT: 17.204 min Scan# 2417
 Delta R.T. 0.000 min
 Lab File: BN031637.D
 Acq: 23 May 2024 18:14

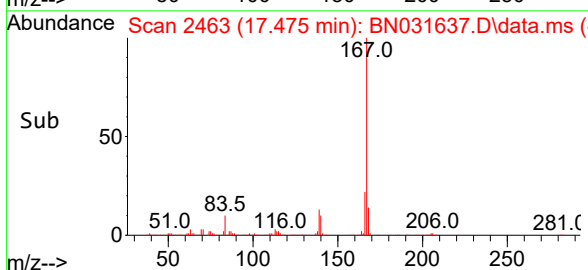
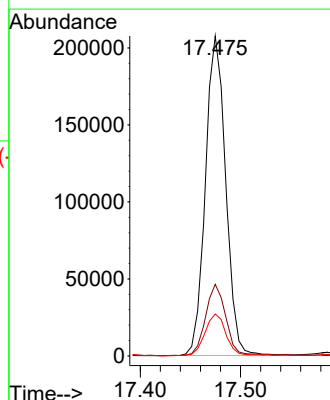
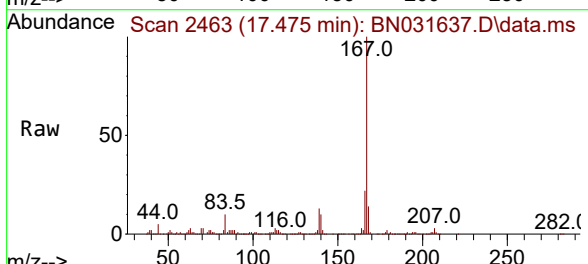
Instrument :
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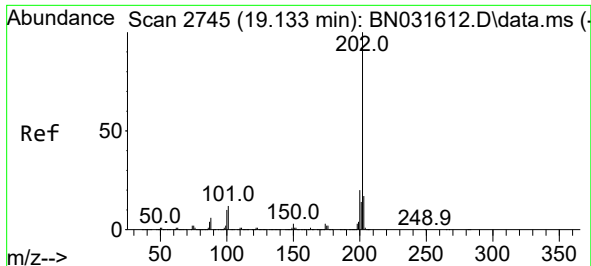
Tgt Ion:178 Resp: 525441
 Ion Ratio Lower Upper
 178 100
 179 15.3 11.9 17.9
 176 18.3 15.4 23.2



#77
 Carbazole
 Concen: 4.320 ng/ul
 RT: 17.475 min Scan# 2463
 Delta R.T. 0.000 min
 Lab File: BN031637.D
 Acq: 23 May 2024 18:14

Tgt Ion:167 Resp: 292306
 Ion Ratio Lower Upper
 167 100
 166 22.4 16.7 25.1
 139 13.1 10.5 15.7

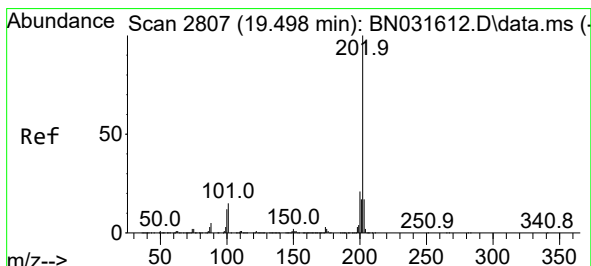
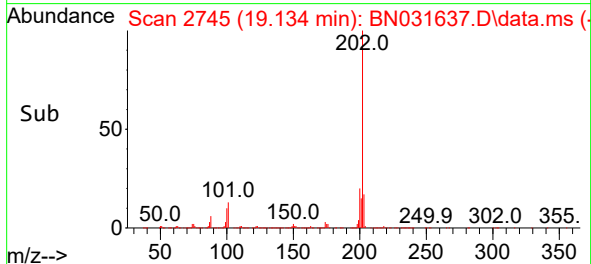
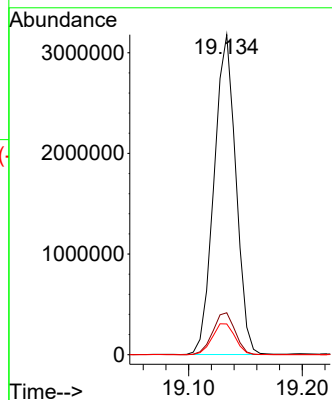
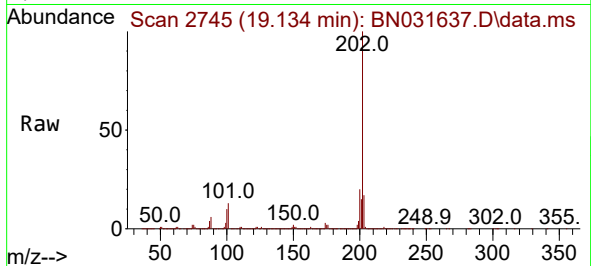




#80
Fluoranthene
Concen: 44.567 ng/ul
RT: 19.134 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN031637.D
Acq: 23 May 2024 18:14

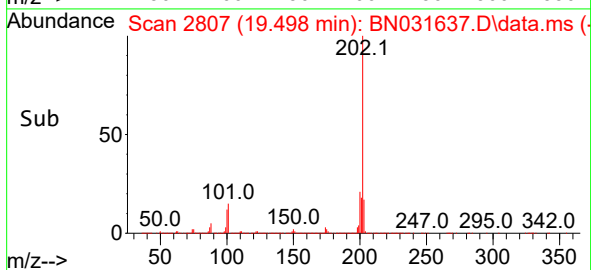
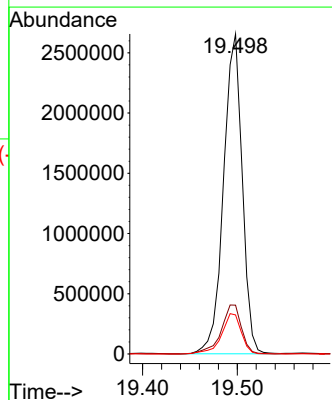
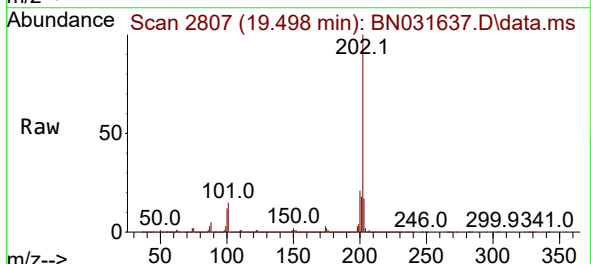
Instrument :
BNA_N
ClientSampleId :
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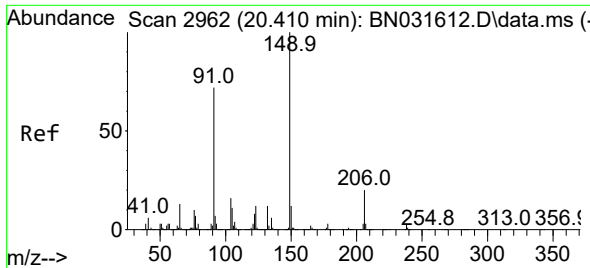
Tgt Ion:202 Resp: 4244714
Ion Ratio Lower Upper
202 100
101 13.1 10.1 15.1
100 9.6 8.0 12.0



#82
Pyrene
Concen: 37.318 ng/ul
RT: 19.498 min Scan# 2807
Delta R.T. 0.000 min
Lab File: BN031637.D
Acq: 23 May 2024 18:14

Tgt Ion:202 Resp: 3644964
Ion Ratio Lower Upper
202 100
101 15.2 11.4 17.2
100 12.2 9.3 13.9

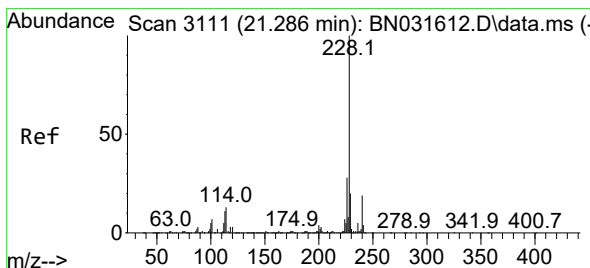
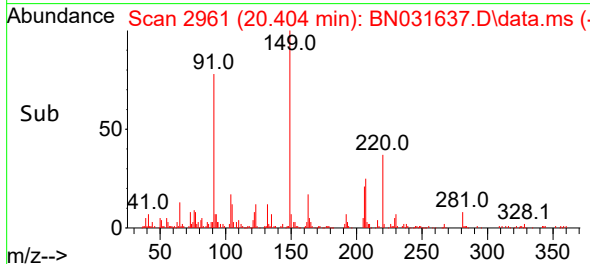
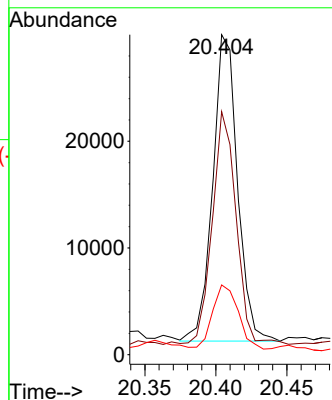
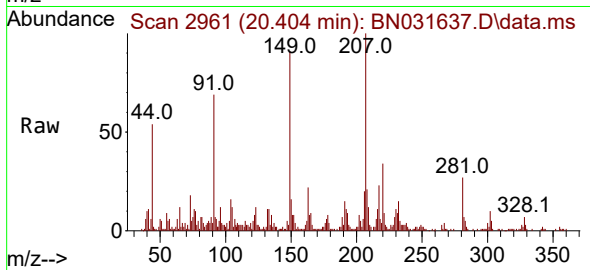




#83
Butylbenzylphthalate
Concen: 1.050 ng/ul
RT: 20.404 min Scan# 2961
Delta R.T. -0.006 min
Lab File: BN031637.D
Acq: 23 May 2024 18:14

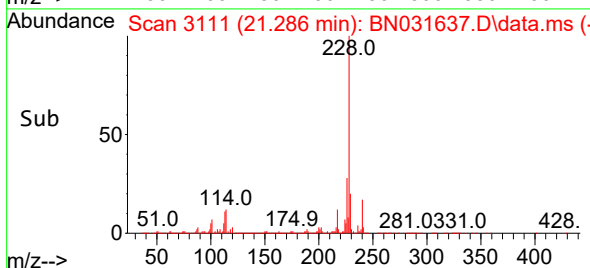
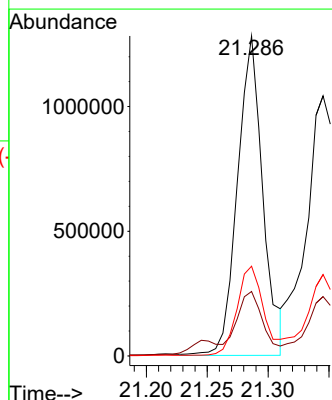
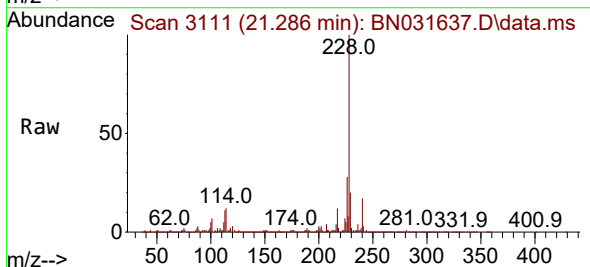
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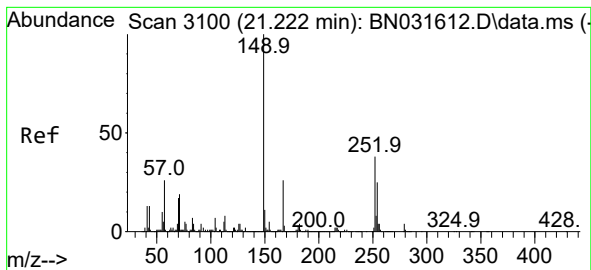
Tgt Ion:	149	Resp:	34819
Ion Ratio	Lower	Upper	
149	100		
91	75.9	60.8	91.2
206	21.8	15.8	23.8



#85
Benzo(a)anthracene
Concen: 22.391 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BN031637.D
Acq: 23 May 2024 18:14

Tgt Ion:	228	Resp:	1849685
Ion Ratio	Lower	Upper	
228	100		
229	20.1	15.7	23.5
226	28.1	21.9	32.9

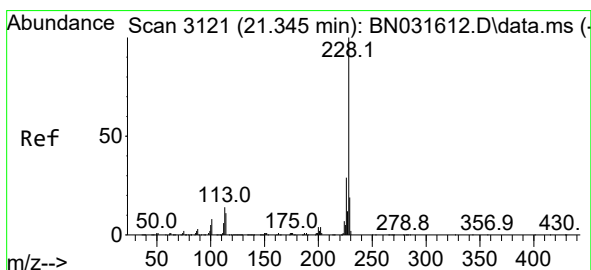
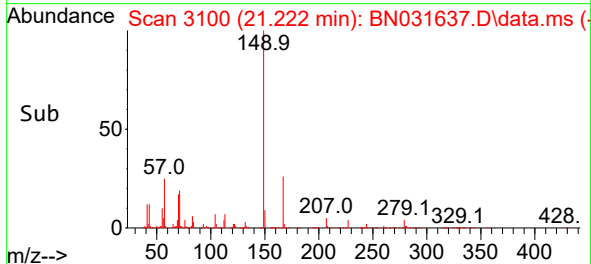
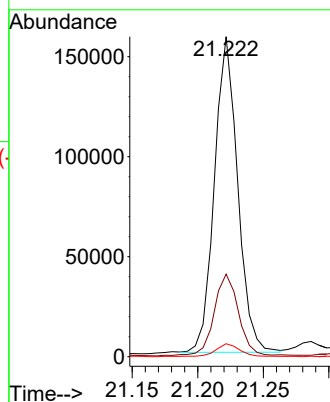
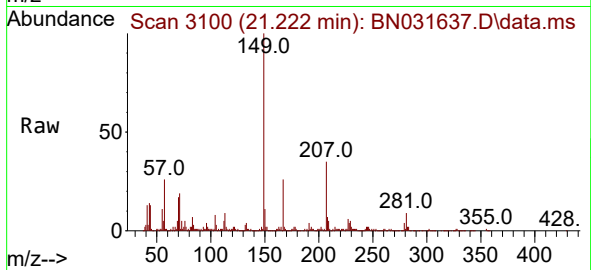




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 4.279 ng/ul
 RT: 21.222 min Scan# 3100
 Delta R.T. 0.000 min
 Lab File: BN031637.D
 Acq: 23 May 2024 18:14

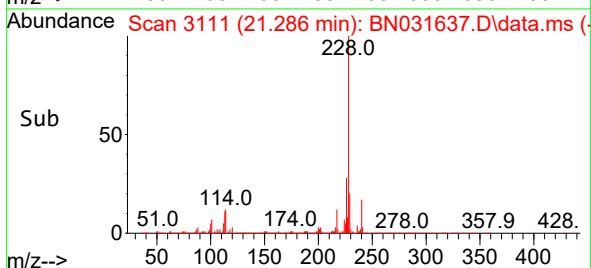
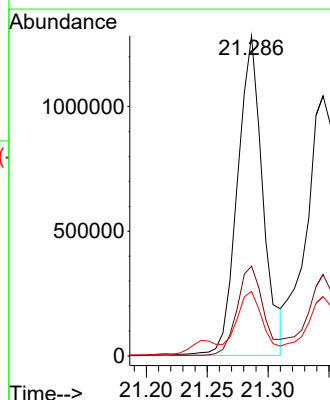
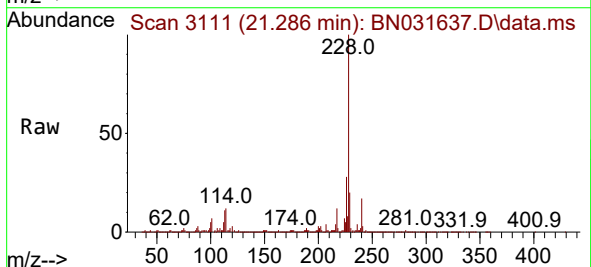
Instrument :
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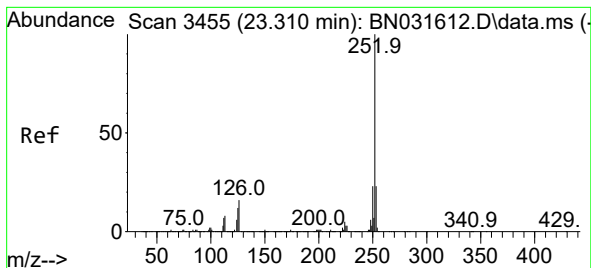
Tgt Ion:149 Resp: 194202
 Ion Ratio Lower Upper
 149 100
 167 25.8 21.6 32.4
 279 4.1 2.8 4.2



#87
 Chrysene
 Concen: 24.228 ng/ul
 RT: 21.286 min Scan# 3111
 Delta R.T. -0.059 min
 Lab File: BN031637.D
 Acq: 23 May 2024 18:14

Tgt Ion:228 Resp: 1848674
 Ion Ratio Lower Upper
 228 100
 226 28.1 22.9 34.3
 229 20.1 15.2 22.8





#90

Benzo(b)fluoranthene

Concen: 28.043 ng/ul

RT: 23.316 min Scan# 3455

Delta R.T. 0.006 min

Lab File: BN031637.D

Acq: 23 May 2024 18:14

Instrument :

BNA_N

ClientSampleId :

BH5W8

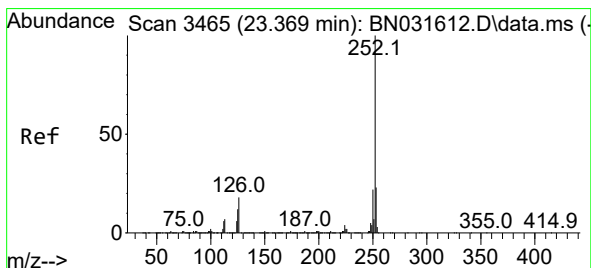
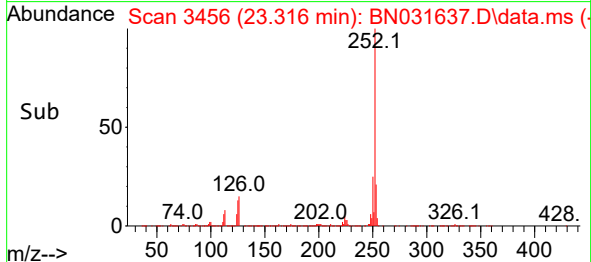
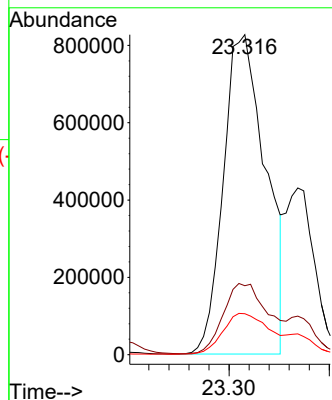
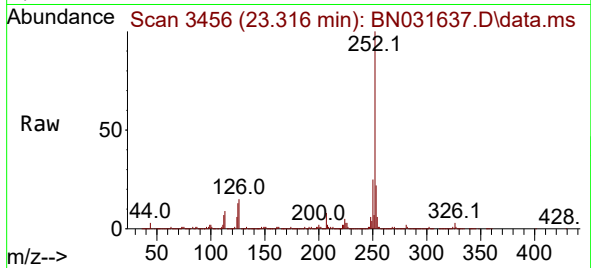
Tgt Ion:252 Resp: 2425378

Ion Ratio Lower Upper

252 100

253 21.6 16.8 25.2

125 12.8 9.3 13.9



#91

Benzo(k)fluoranthene

Concen: 27.510 ng/ul

RT: 23.316 min Scan# 3456

Delta R.T. -0.053 min

Lab File: BN031637.D

Acq: 23 May 2024 18:14

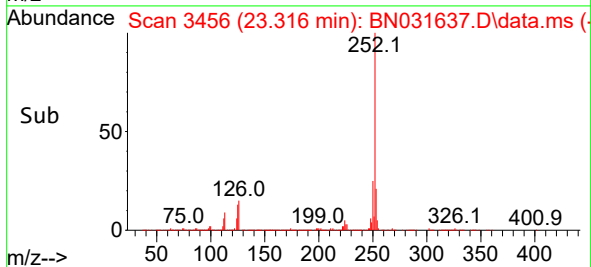
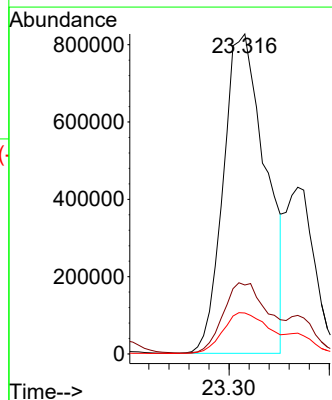
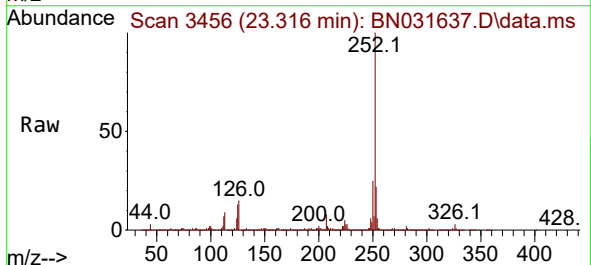
Tgt Ion:252 Resp: 2425378

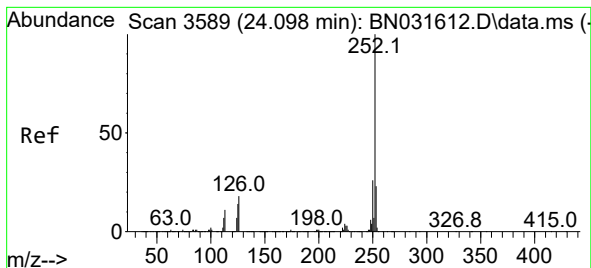
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 12.8 9.3 13.9





#93

Benzo(a)pyrene

Concen: 20.948 ng/ul

RT: 24.098 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN031637.D

Acq: 23 May 2024 18:14

Instrument :

BNA_N

ClientSampleId :

BH5W8

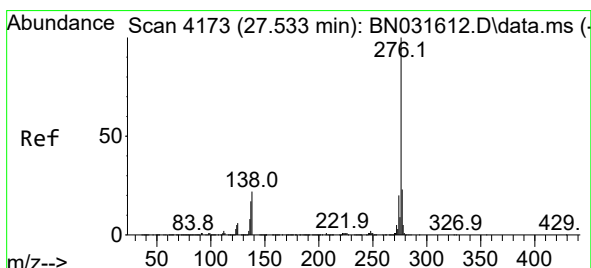
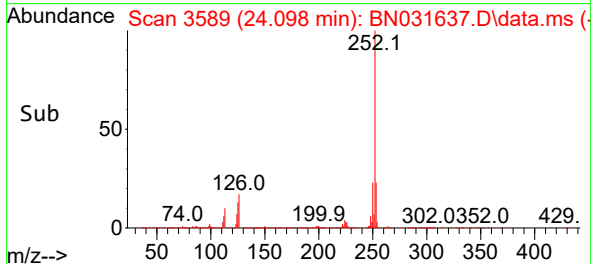
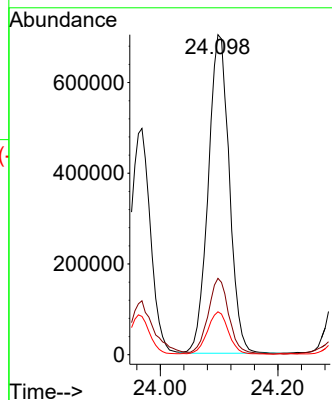
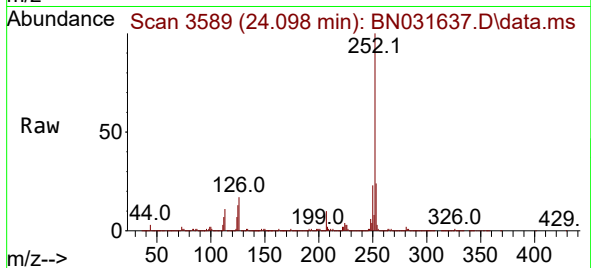
Tgt Ion:252 Resp: 1740341

Ion Ratio Lower Upper

252 100

253 23.8 16.6 24.8

125 13.4 9.8 14.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 12.302 ng/ul

RT: 27.539 min Scan# 4174

Delta R.T. 0.006 min

Lab File: BN031637.D

Acq: 23 May 2024 18:14

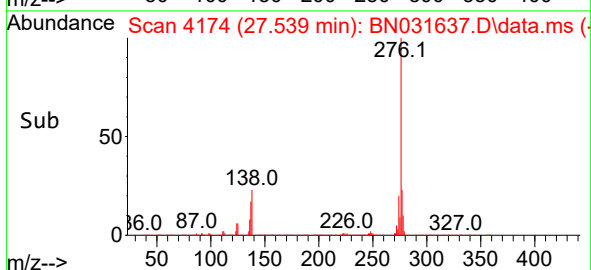
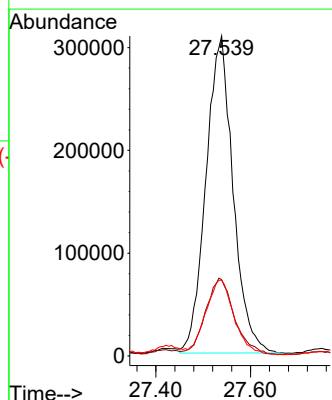
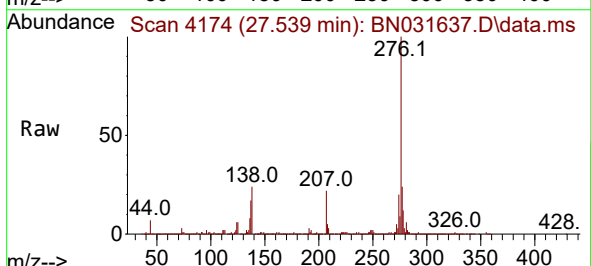
Tgt Ion:276 Resp: 1226609

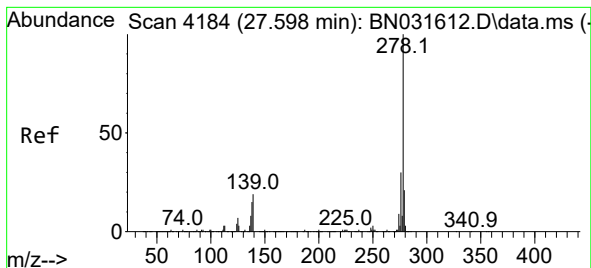
Ion Ratio Lower Upper

276 100

138 23.8 19.8 29.6

277 23.7 18.2 27.4





#95

Dibenzo(a,h)anthracene

Concen: 2.024 ng/ul

RT: 27.574 min Scan# 4180

Delta R.T. -0.017 min

Lab File: BN031637.D

Acq: 23 May 2024 18:14

Instrument :

BNA_N

ClientSampleId :

BH5W8

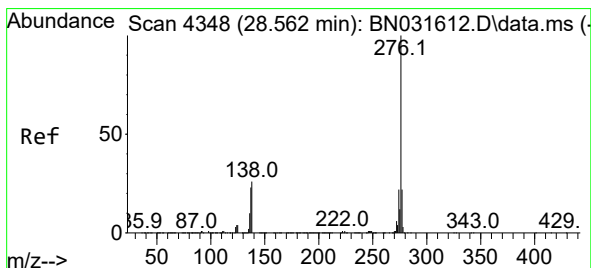
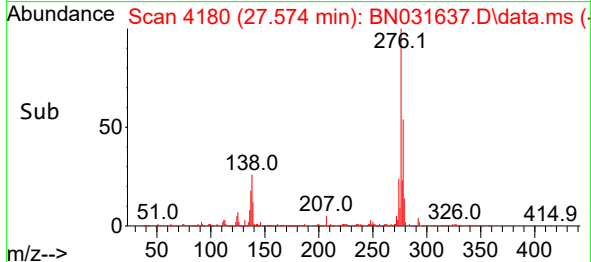
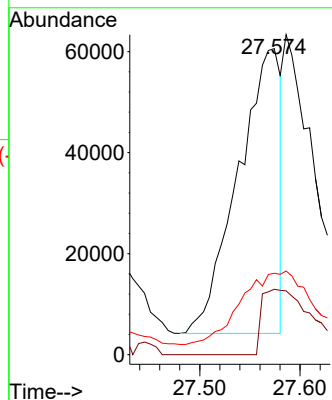
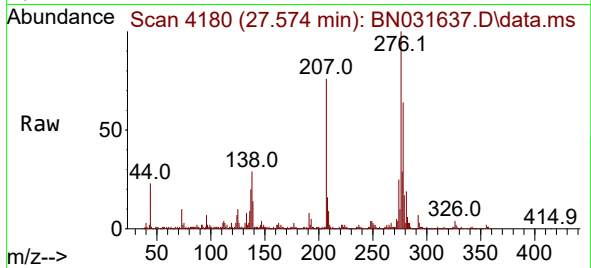
Tgt Ion:278 Resp: 166183

Ion Ratio Lower Upper

278 100

139 21.4 15.2 22.8

279 26.6 18.4 27.6



#96

Benzo(g,h,i)perylene

Concen: 14.067 ng/ul

RT: 28.562 min Scan# 4348

Delta R.T. 0.006 min

Lab File: BN031637.D

Acq: 23 May 2024 18:14

Tgt Ion:276 Resp: 1158875

Ion Ratio Lower Upper

276 100

138 22.8 19.5 29.3

277 21.8 17.6 26.4

