

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
 Data File : BN023274.D
 Acq On : 17 Dec 2022 12:46
 Operator : CG/JU
 Sample : N5925-20
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYC9

Quant Time: Dec 19 00:15:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 15 23:22:36 2022
 Response via : Initial Calibration

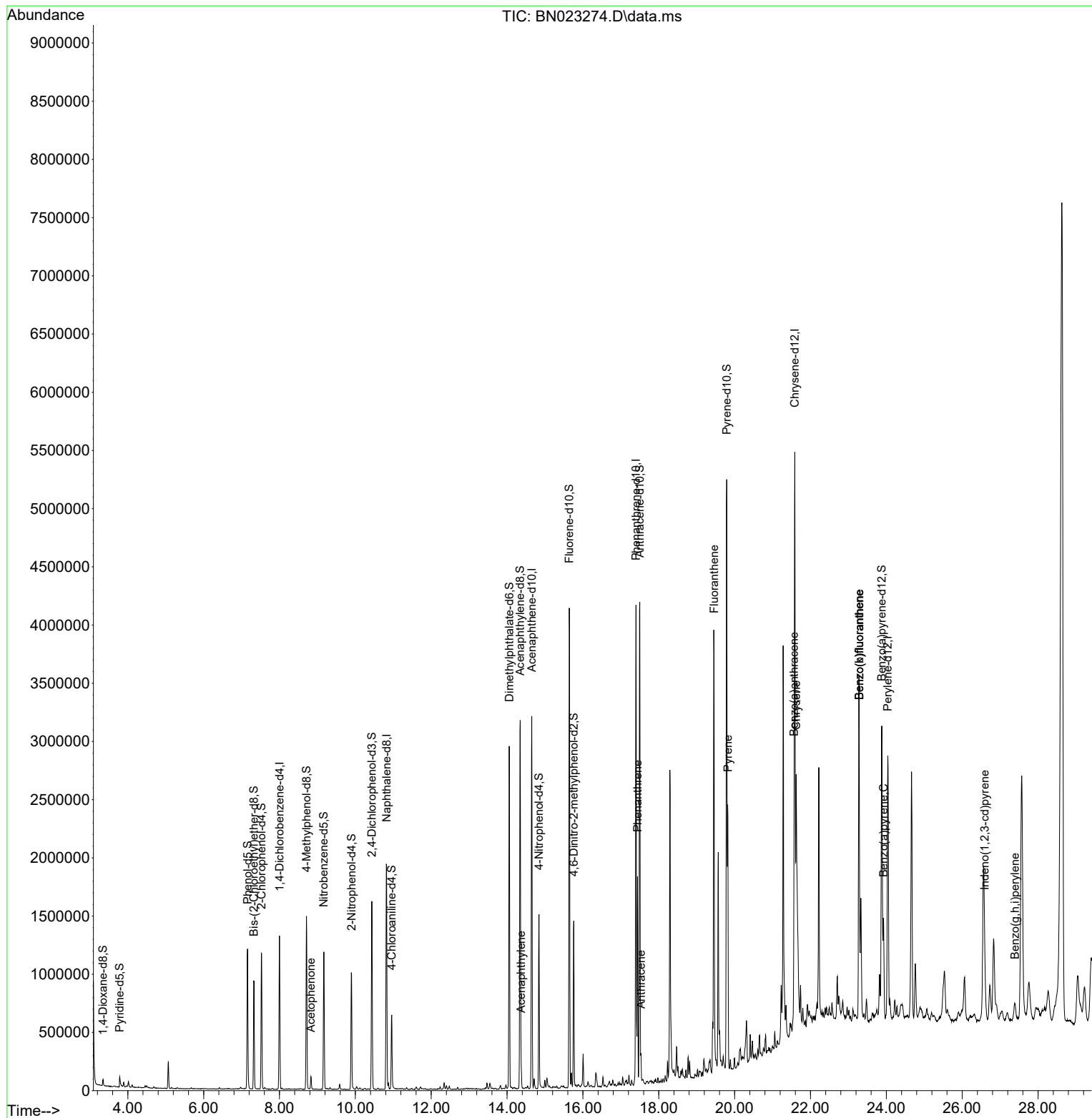
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	347833	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	1595661	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	1058974	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	2322713	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	1924875	20.000	ng/ul	0.00
88) Perylene-d12	24.039	264	1767448	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	28622	3.404	ng/uL	0.00
4) Pyridine-d5	3.787	84	54169	2.183	ng/ul	0.01
7) Phenol-d5	7.158	99	679085	20.991	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	400904	21.295	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	545027	22.358	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	546942	21.057	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	291438	23.639	ng/ul	0.00
24) 2-Nitrophenol-d4	9.899	143	331197	25.506	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	569656	23.239	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	354527	8.988	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	1890683	23.824	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	2052288	23.060	ng/ul	0.00
54) 4-Nitrophenol-d4	14.840	143	344959	19.462	ng/ul	0.00
60) Fluorene-d10	15.639	176	1597078	23.625	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	287838	21.052	ng/ul	0.00
73) Anthracene-d10	17.498	188	2326287	22.348	ng/ul	0.00
81) Pyrene-d10	19.792	212	2555890	24.410	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.880	264	1796671	20.739	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.828	105	54661	1.391	ng/ul	97
50) Acenaphthylene	14.369	152	125243	1.280	ng/ul	99
72) Phenanthrene	17.439	178	980142	7.975	ng/ul	99
74) Anthracene	17.528	178	144049	1.175	ng/ul	98
80) Fluoranthene	19.457	202	1797017	14.756	ng/ul	97
82) Pyrene	19.822	202	1267666	9.909	ng/ul	95
85) Benzo(a)anthracene	21.569	228	623604	4.836	ng/ul	94
87) Chrysene	21.622	228	524450	4.309	ng/ul	96
90) Benzo(b)fluoranthene	23.286	252	694340	6.229	ng/ul#	93
91) Benzo(k)fluoranthene	23.286	252	694340	6.545	ng/ul#	96
93) Benzo(a)pyrene	23.927	252	377351	3.939	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.592	276	264919	2.183	ng/ul	95
96) Benzo(g,h,i)perylene	27.392	276	186878	1.946	ng/ul	96

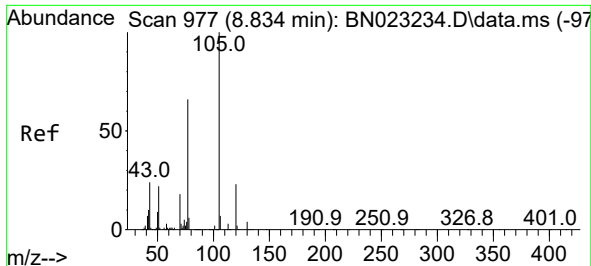
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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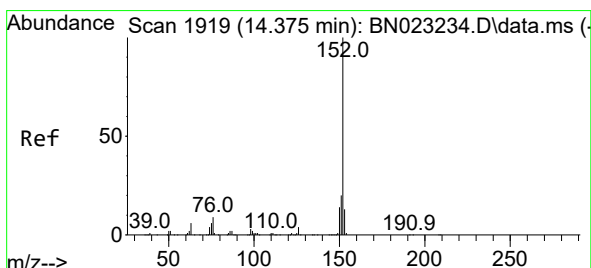
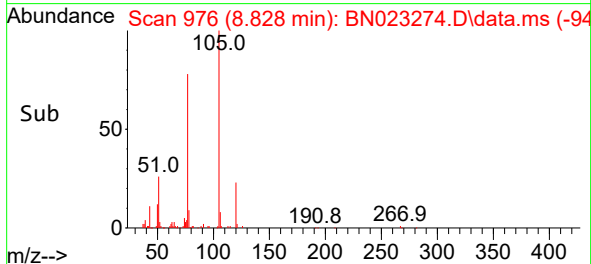
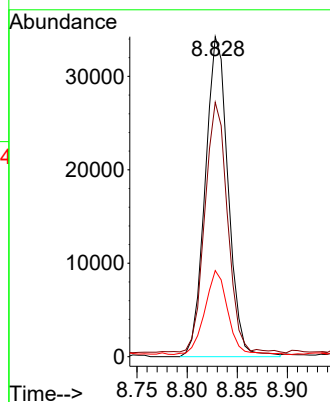
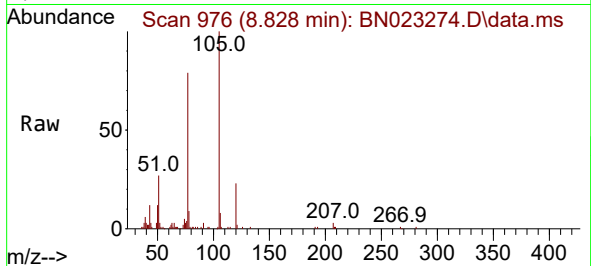




#16
Acetophenone
Concen: 1.391 ng/ul
RT: 8.828 min Scan# 91
Delta R.T. -0.006 min
Lab File: BN023274.D
Acq: 17 Dec 2022 12:46

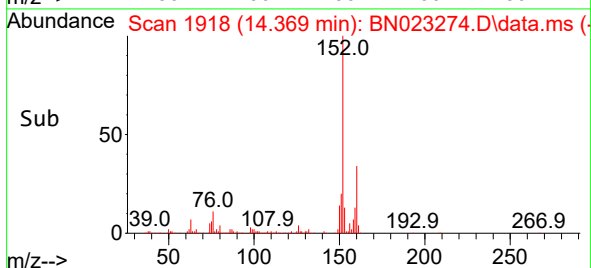
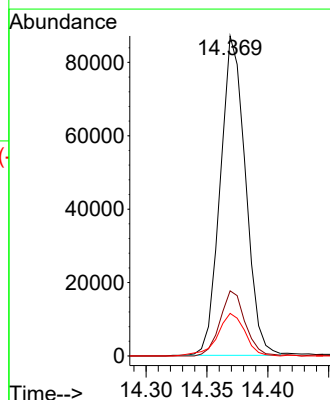
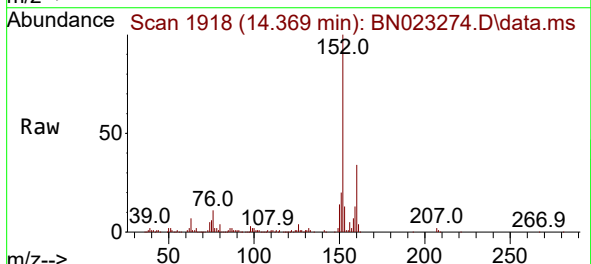
Instrument :
BNA_N
ClientSampleId :
DBYC9

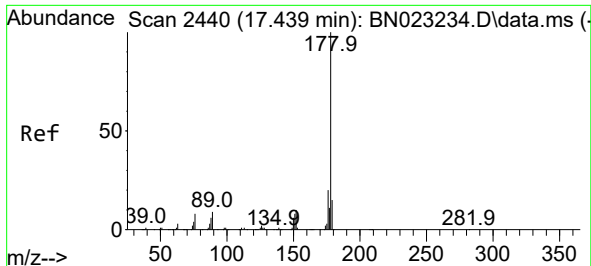
Tgt Ion:105 Resp: 54661
Ion Ratio Lower Upper
105 100
77 79.5 61.4 92.0
51 26.9 20.0 30.0



#50
Acenaphthylene
Concen: 1.280 ng/ul
RT: 14.369 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BN023274.D
Acq: 17 Dec 2022 12:46

Tgt Ion:152 Resp: 125243
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.3 11.4 17.0

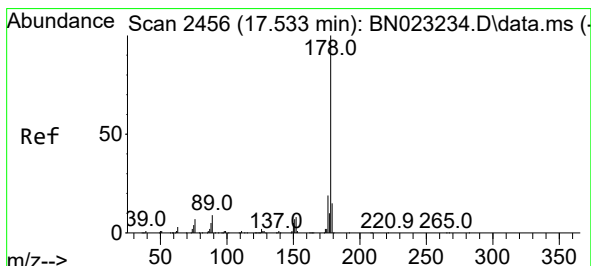
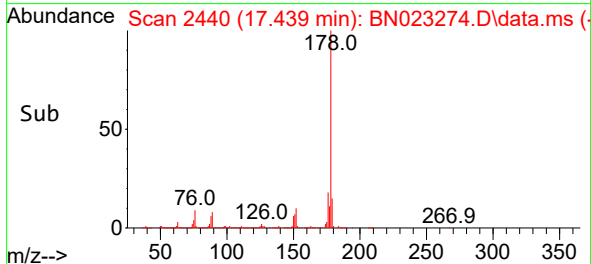
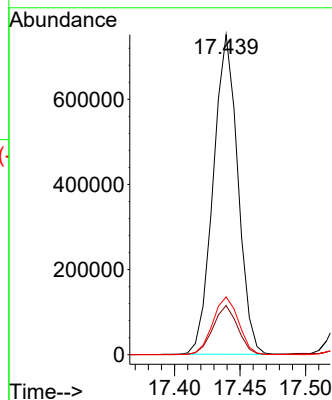
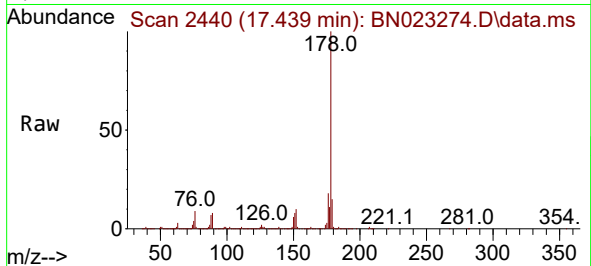




#72
Phenanthrene
Concen: 7.975 ng/ul
RT: 17.439 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN023274.D
Acq: 17 Dec 2022 12:46

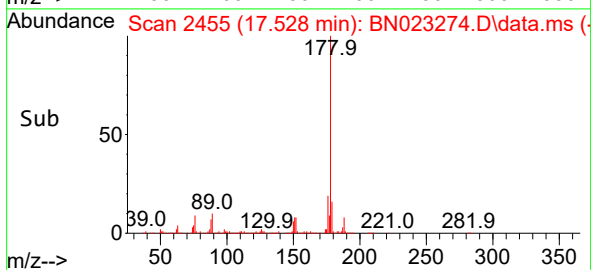
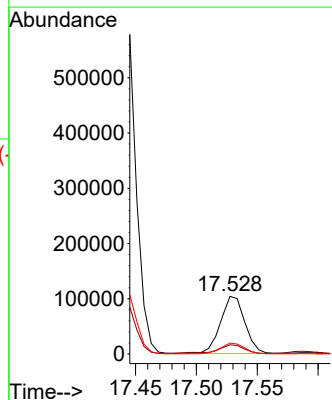
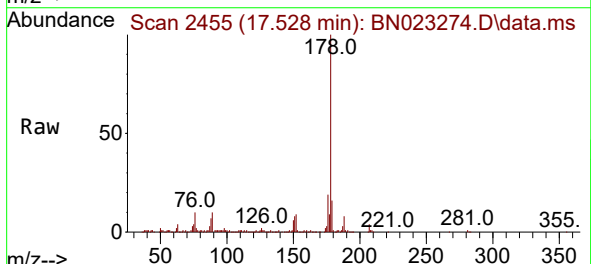
Instrument :
BNA_N
ClientSampleId :
DBYC9

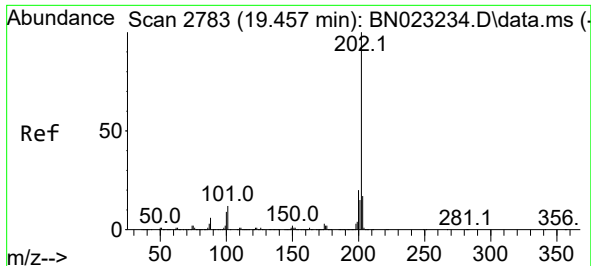
Tgt Ion:178 Resp: 980142
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 18.1 15.4 23.0



#74
Anthracene
Concen: 1.175 ng/ul
RT: 17.528 min Scan# 2455
Delta R.T. -0.006 min
Lab File: BN023274.D
Acq: 17 Dec 2022 12:46

Tgt Ion:178 Resp: 144049
Ion Ratio Lower Upper
178 100
179 15.9 11.8 17.6
176 18.8 14.7 22.1

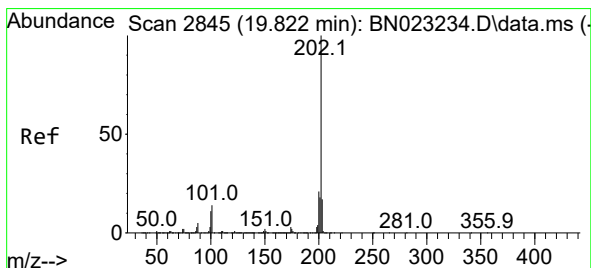
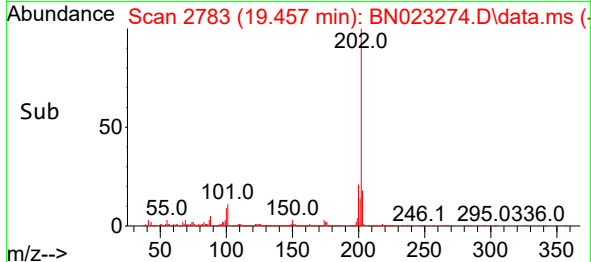
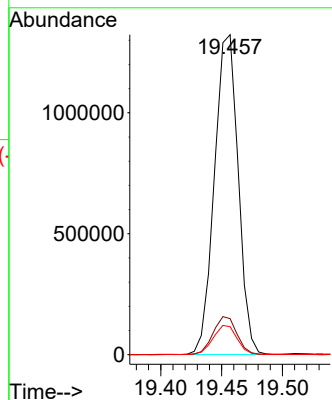
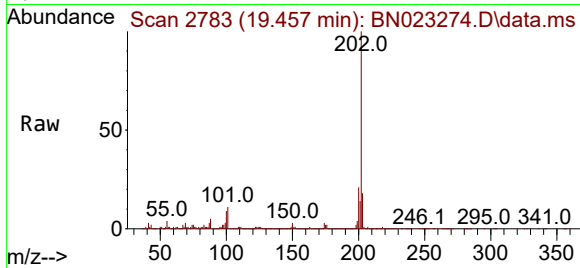




#80
Fluoranthene
Concen: 14.756 ng/ul
RT: 19.457 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN023274.D
Acq: 17 Dec 2022 12:46

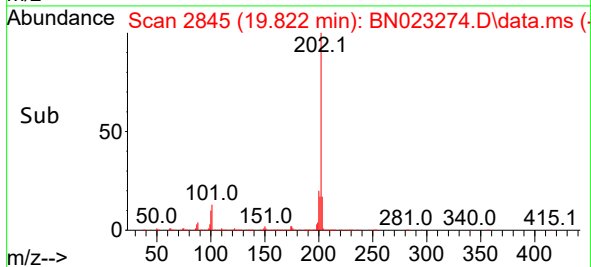
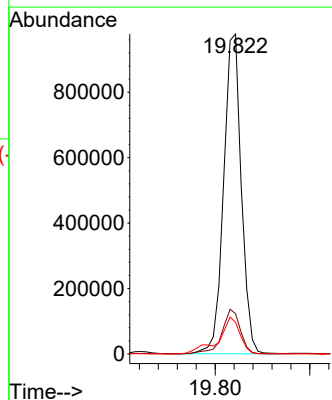
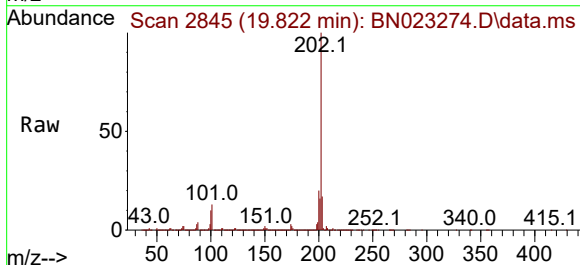
Instrument :
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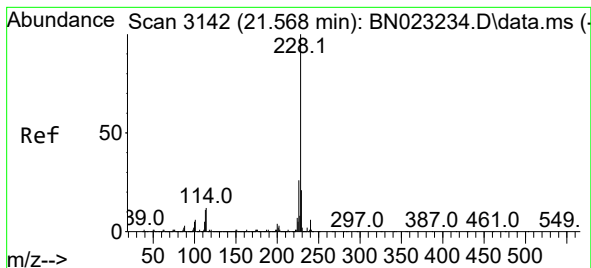
Tgt Ion:202 Resp: 1797017
Ion Ratio Lower Upper
202 100
101 11.2 10.4 15.6
100 8.8 7.6 11.4



#82
Pyrene
Concen: 9.909 ng/ul
RT: 19.822 min Scan# 2845
Delta R.T. 0.006 min
Lab File: BN023274.D
Acq: 17 Dec 2022 12:46

Tgt Ion:202 Resp: 1267666
Ion Ratio Lower Upper
202 100
101 12.6 12.0 18.0
100 9.9 9.5 14.3





#85

Benzo(a)anthracene

Concen: 4.836 ng/ul

RT: 21.569 min Scan# 3142

Delta R.T. 0.000 min

Lab File: BN023274.D

Acq: 17 Dec 2022 12:46

Instrument :

BNA_N

ClientSampleId :

DBYC9

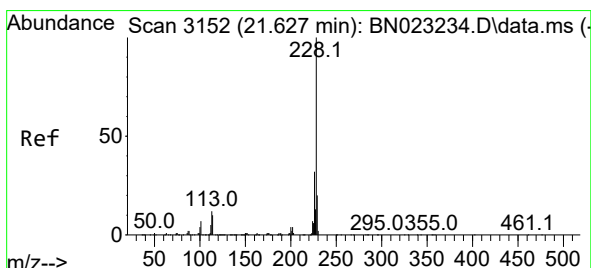
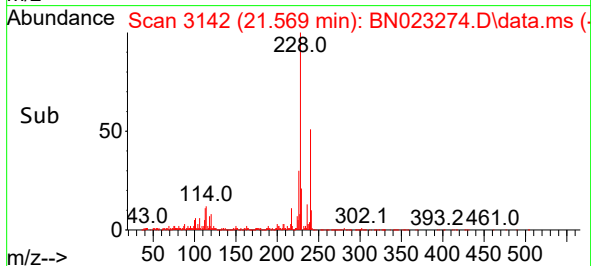
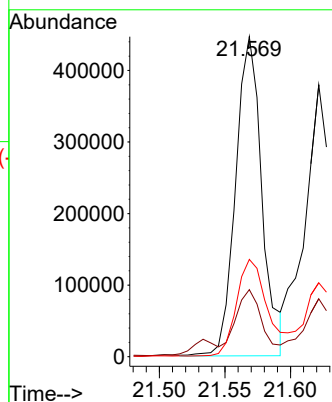
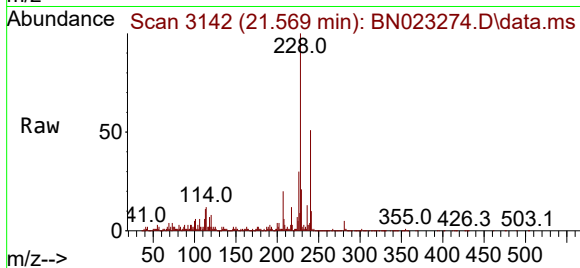
Tgt Ion:228 Resp: 623604

Ion Ratio Lower Upper

228 100

229 21.0 15.5 23.3

226 30.4 21.4 32.0



#87

Chrysene

Concen: 4.309 ng/ul

RT: 21.622 min Scan# 3151

Delta R.T. 0.000 min

Lab File: BN023274.D

Acq: 17 Dec 2022 12:46

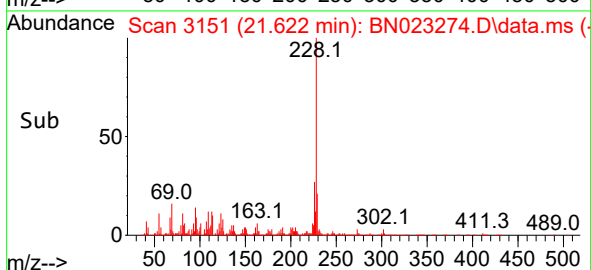
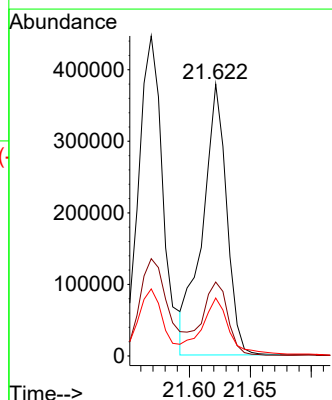
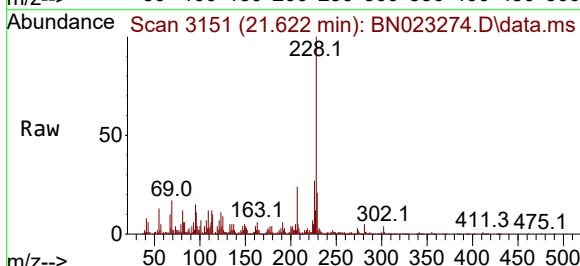
Tgt Ion:228 Resp: 524450

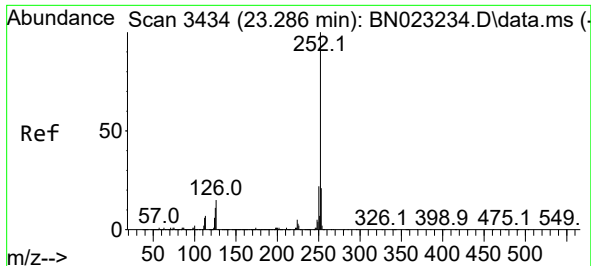
Ion Ratio Lower Upper

228 100

226 27.2 24.6 36.8

229 21.3 16.5 24.7

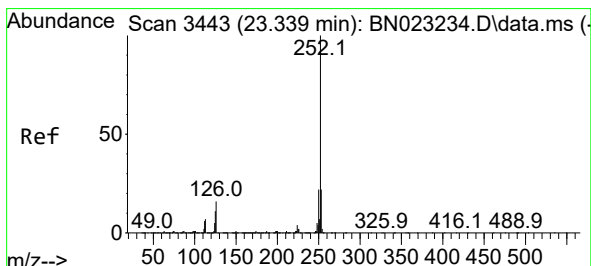
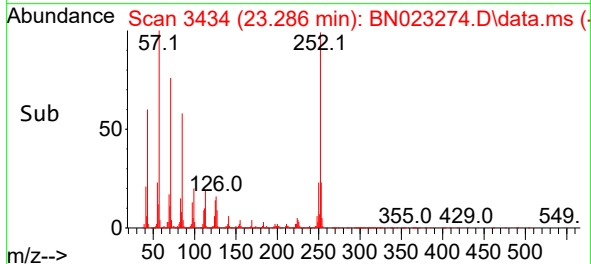
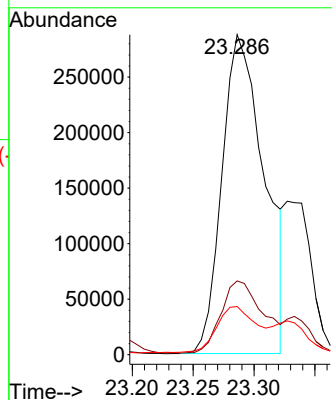
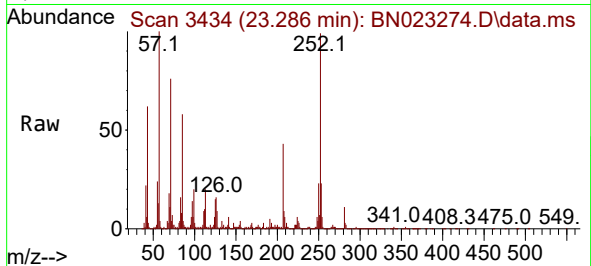




#90
Benzo(b)fluoranthene
Concen: 6.229 ng/ul
RT: 23.286 min Scan# 3434
Delta R.T. 0.006 min
Lab File: BN023274.D
Acq: 17 Dec 2022 12:46

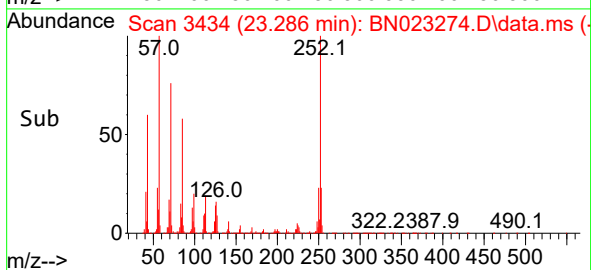
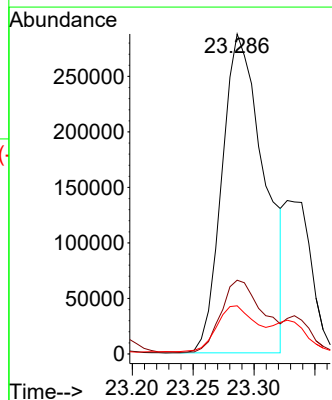
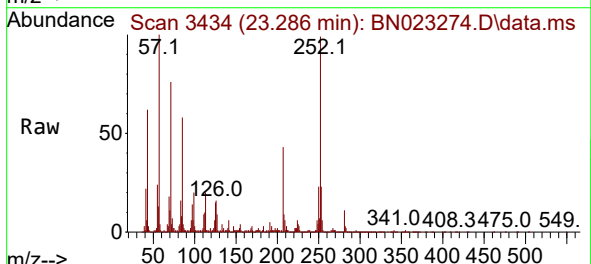
Instrument :
BNA_N
ClientSampleId :
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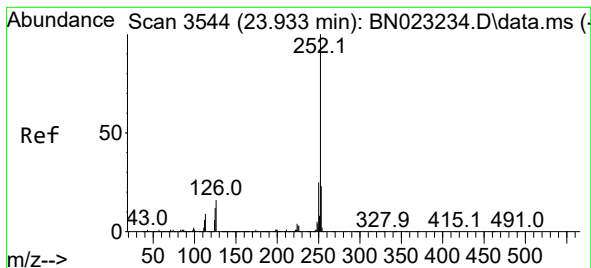
Tgt Ion:252 Resp: 694340
Ion Ratio Lower Upper
252 100
253 23.1 16.8 25.2
125 15.0 8.8 13.2#



#91
Benzo(k)fluoranthene
Concen: 6.545 ng/ul
RT: 23.286 min Scan# 3434
Delta R.T. -0.047 min
Lab File: BN023274.D
Acq: 17 Dec 2022 12:46

Tgt Ion:252 Resp: 694340
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 15.0 9.0 13.6#





#93

Benzo(a)pyrene

Concen: 3.939 ng/ul

RT: 23.927 min Scan# 3

Delta R.T. 0.000 min

Lab File: BN023274.D

Acq: 17 Dec 2022 12:46

Instrument :

BNA_N

ClientSampleId :

DBYC9

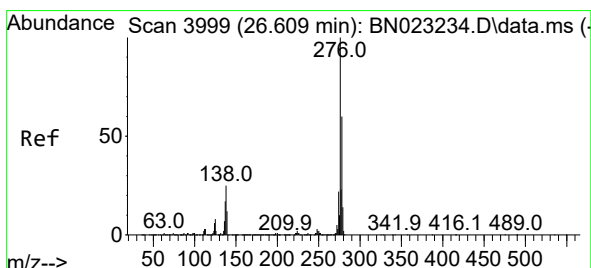
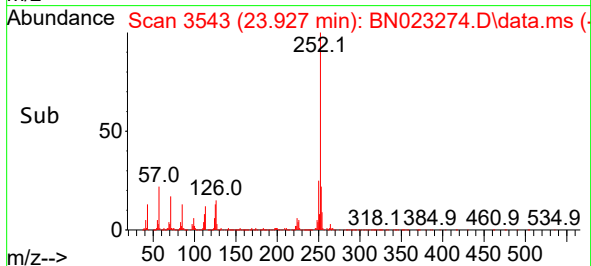
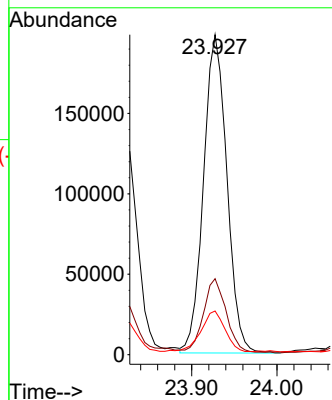
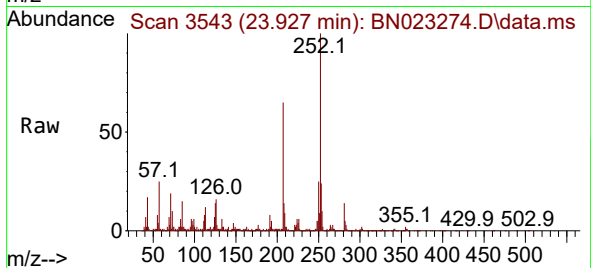
Tgt Ion:252 Resp: 377351

Ion Ratio Lower Upper

252 100

253 23.8 17.6 26.4

125 13.7 9.4 14.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.183 ng/ul

RT: 26.592 min Scan# 3996

Delta R.T. -0.006 min

Lab File: BN023274.D

Acq: 17 Dec 2022 12:46

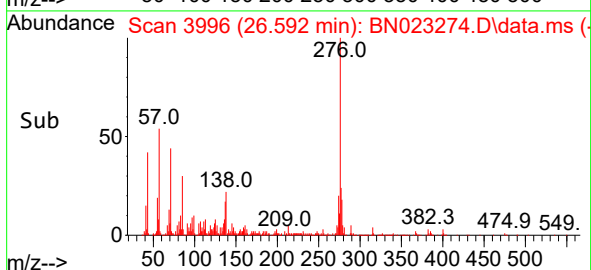
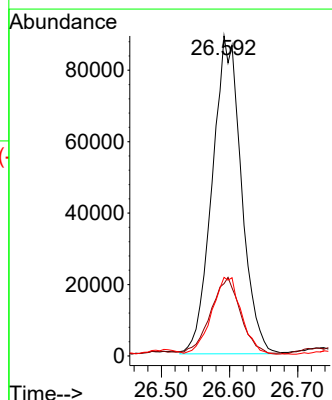
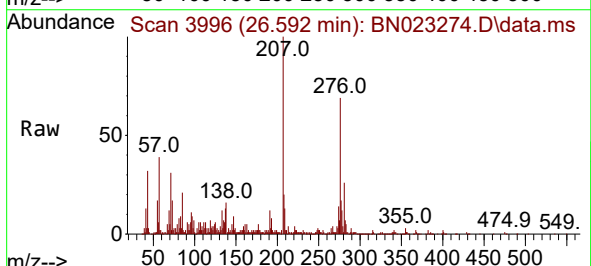
Tgt Ion:276 Resp: 264919

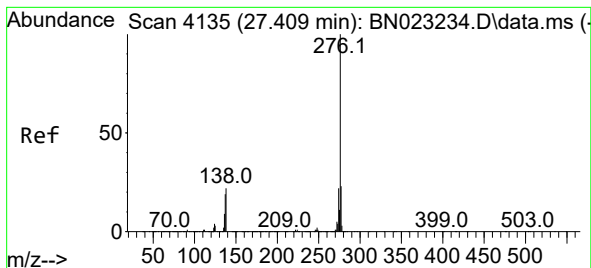
Ion Ratio Lower Upper

276 100

138 22.6 20.6 30.8

277 24.6 18.2 27.2





#96

Benzo(g,h,i)perylene

Concen: 1.946 ng/ul

RT: 27.392 min Scan# 41

Delta R.T. 0.000 min

Lab File: BN023274.D

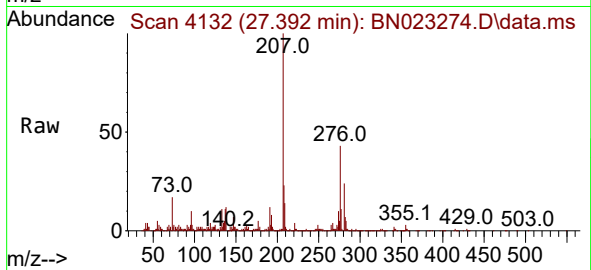
Acq: 17 Dec 2022 12:46

Instrument :

BNA_N

ClientSampleId :

DBYC9



Tgt Ion:276 Resp: 186878

Ion Ratio Lower Upper

276 100

138 27.9 19.2 28.8

277 24.5 19.3 28.9

