

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
 Data File : BN023273.D
 Acq On : 17 Dec 2022 12:09
 Operator : CG/JU
 Sample : N5925-17
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYC6

Quant Time: Dec 19 00:15:11 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)

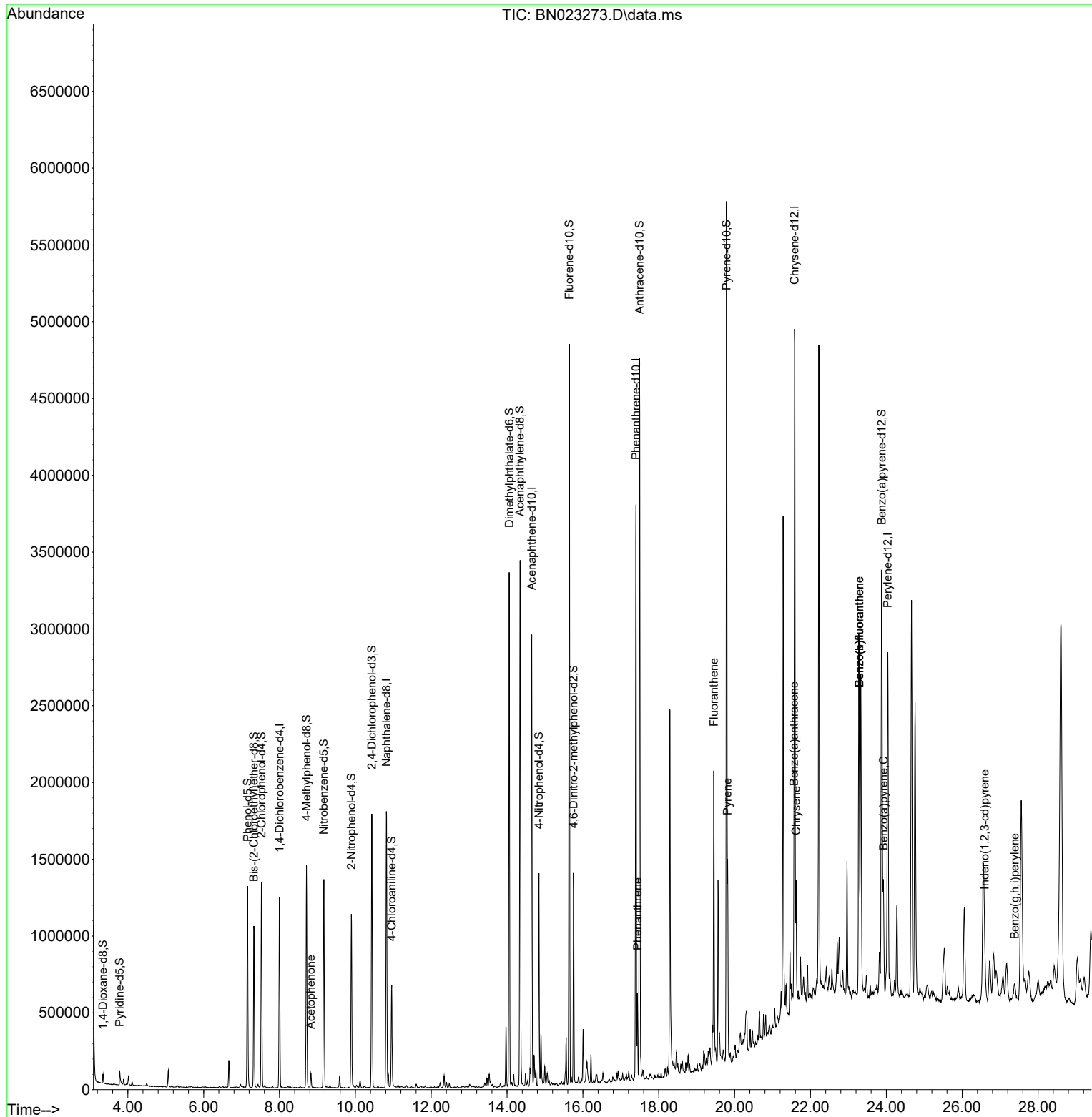
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	322846	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1494340	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	993829	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	2190974	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	1857858	20.000	ng/ul	0.00
88) Perylene-d12	24.039	264	1676695	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	32361	4.147	ng/uL	0.00
4) Pyridine-d5	3.787	84	62259	2.703	ng/ul	0.01
7) Phenol-d5	7.157	99	743626	24.766	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	448722	25.680	ng/ul	0.00
11) 2-Chlorophenol-d4	7.522	132	611431	27.024	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	530244	21.994	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	333954	28.925	ng/ul	0.00
24) 2-Nitrophenol-d4	9.893	143	377137	31.013	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	628310	27.370	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	373428	10.110	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	2140567	28.741	ng/ul	0.00
49) Acenaphthylene-d8	14.339	160	2264311	27.110	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	331387	19.922	ng/ul	0.00
60) Fluorene-d10	15.639	176	1801574	28.397	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	276111	21.408	ng/ul	0.00
73) Anthracene-d10	17.492	188	2562990	26.102	ng/ul	0.00
81) Pyrene-d10	19.786	212	2918893	28.882	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.880	264	2058852	25.052	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.828	105	46862	1.285	ng/ul	99
72) Phenanthrene	17.439	178	313419	2.703	ng/ul	100
80) Fluoranthene	19.451	202	920381	7.830	ng/ul	99
82) Pyrene	19.816	202	678764	5.497	ng/ul	98
85) Benzo(a)anthracene	21.563	228	436290	3.505	ng/ul	97
87) Chrysene	21.621	228	436236	3.714	ng/ul	98
90) Benzo(b)fluoranthene	23.286	252	582989	5.513	ng/ul#	89
91) Benzo(k)fluoranthene	23.286	252	582989	5.793	ng/ul#	91
93) Benzo(a)pyrene	23.927	252	301322	3.315	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.592	276	208934	1.815	ng/ul	97
96) Benzo(g,h,i)perylene	27.386	276	133011	1.460	ng/ul	97

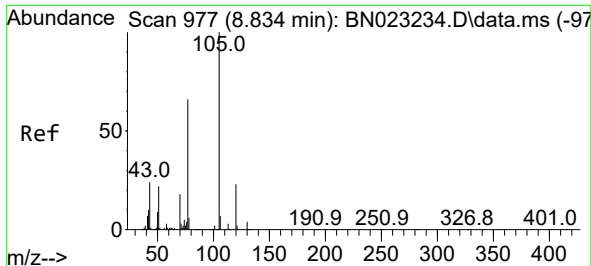
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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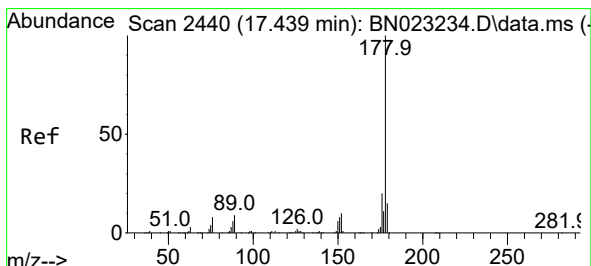
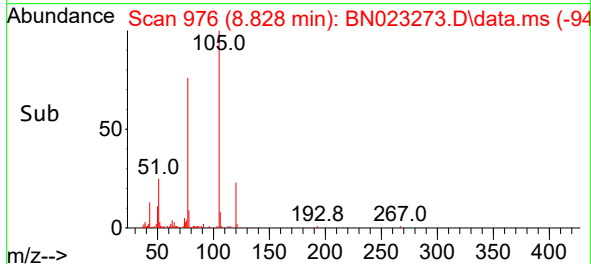
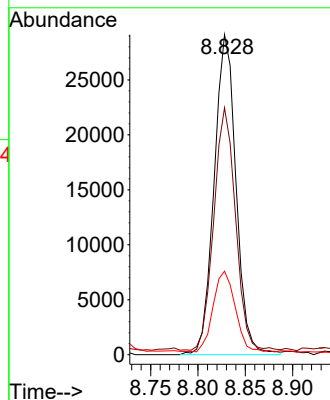
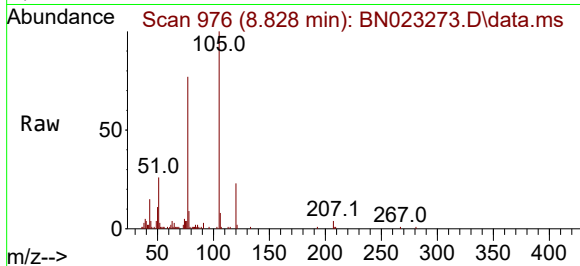




#16
Acetophenone
Concen: 1.285 ng/ul
RT: 8.828 min Scan# 91
Delta R.T. -0.006 min
Lab File: BN023273.D
Acq: 17 Dec 2022 12:09

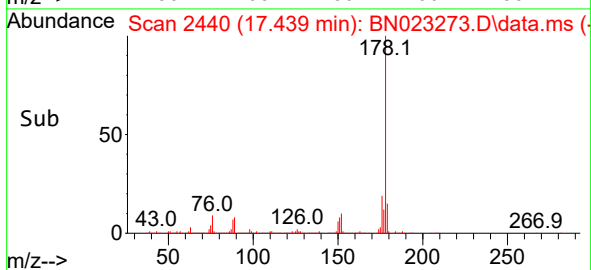
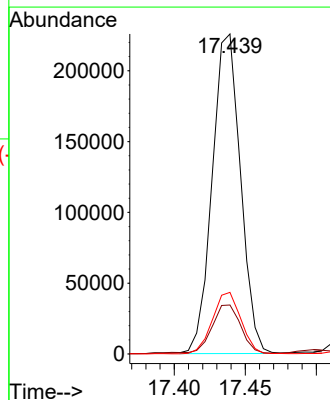
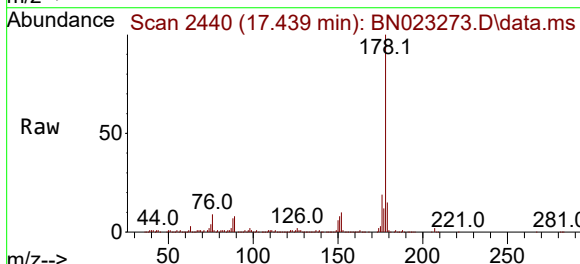
Instrument :
BNA_N
ClientSampleId :
DBYC6

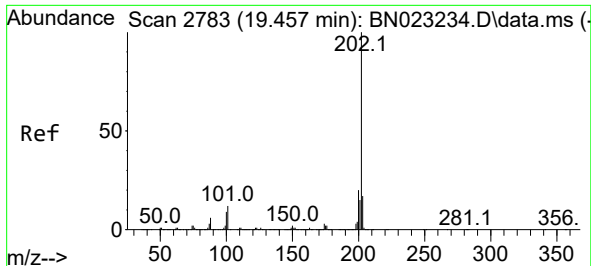
Tgt Ion:105 Resp: 46862
Ion Ratio Lower Upper
105 100
77 77.2 61.4 92.0
51 26.1 20.0 30.0



#72
Phenanthrene
Concen: 2.703 ng/ul
RT: 17.439 min Scan# 2440
Delta R.T. -0.000 min
Lab File: BN023273.D
Acq: 17 Dec 2022 12:09

Tgt Ion:178 Resp: 313419
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.3 15.4 23.0

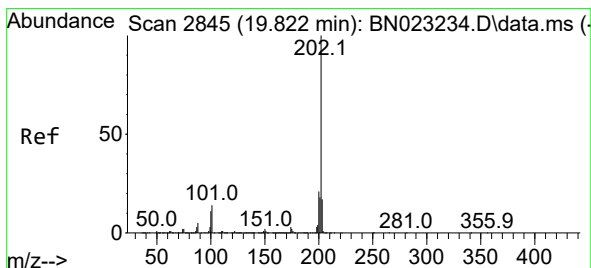
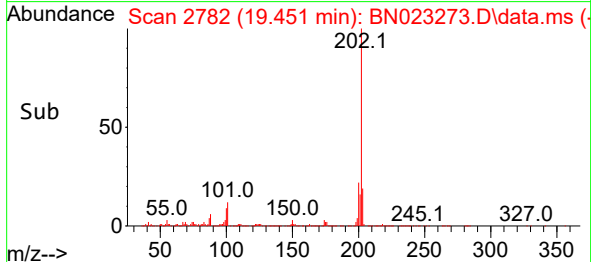
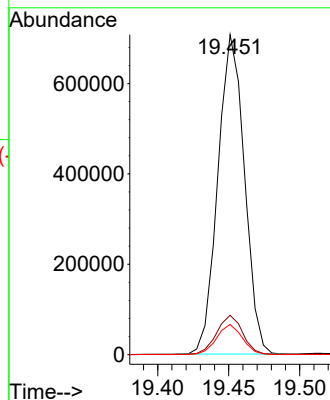
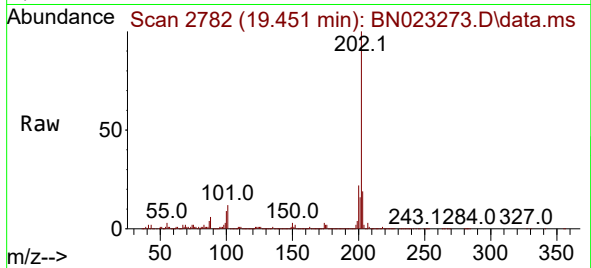




#80
Fluoranthene
Concen: 7.830 ng/ul
RT: 19.451 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN023273.D
Acq: 17 Dec 2022 12:09

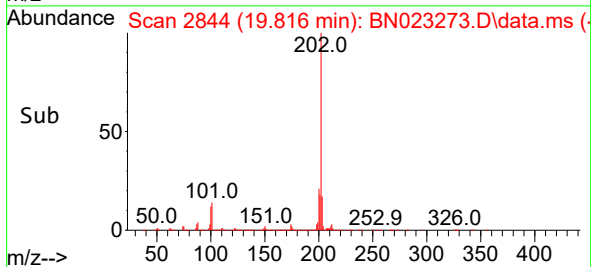
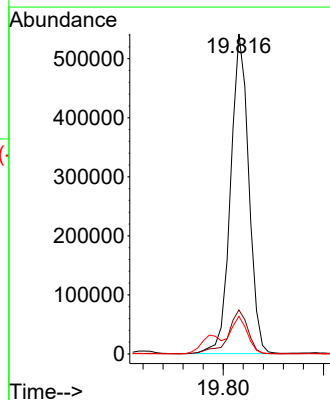
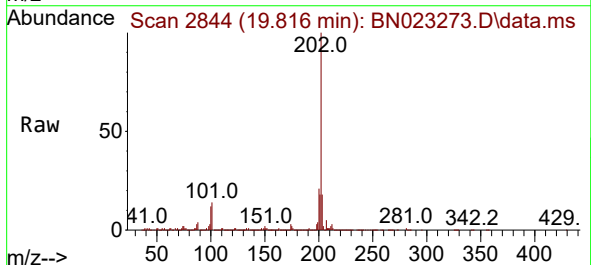
Instrument :
BNA_N
ClientSampleId :
DBYC6

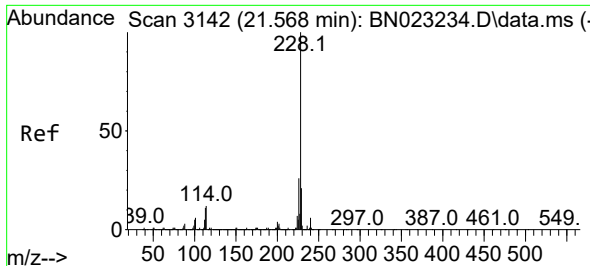
Tgt Ion:202 Resp: 920381
Ion Ratio Lower Upper
202 100
101 12.3 10.4 15.6
100 9.4 7.6 11.4



#82
Pyrene
Concen: 5.497 ng/ul
RT: 19.816 min Scan# 2844
Delta R.T. -0.000 min
Lab File: BN023273.D
Acq: 17 Dec 2022 12:09

Tgt Ion:202 Resp: 678764
Ion Ratio Lower Upper
202 100
101 13.8 12.0 18.0
100 11.8 9.5 14.3

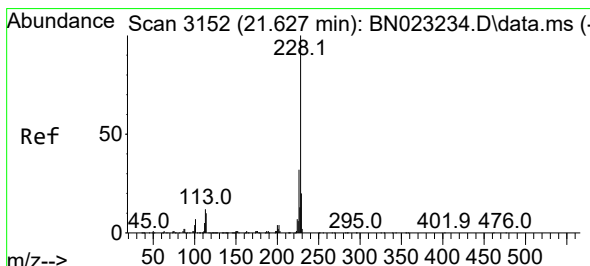
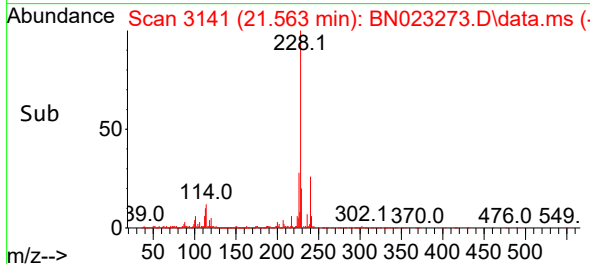
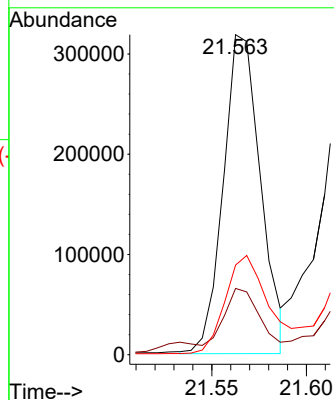
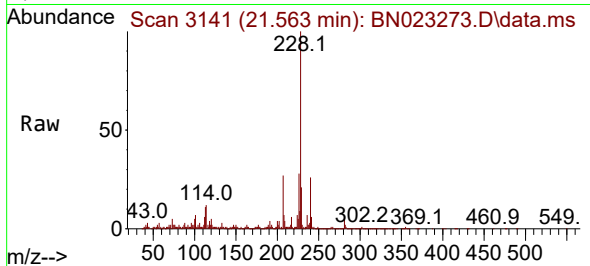




#85
Benzo(a)anthracene
Concen: 3.505 ng/ul
RT: 21.563 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BN023273.D
Acq: 17 Dec 2022 12:09

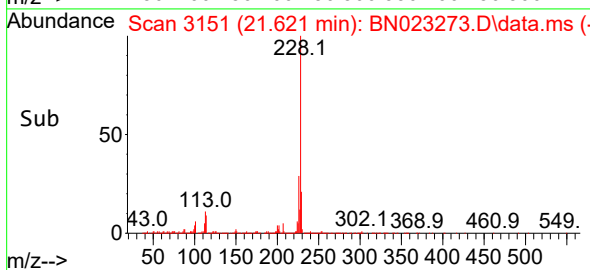
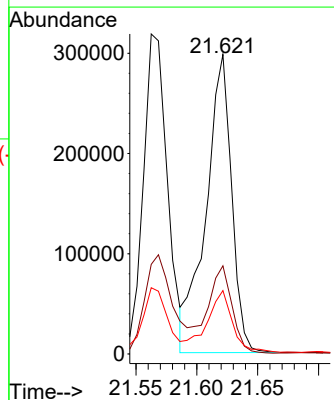
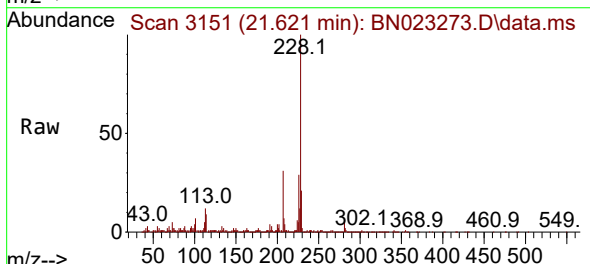
Instrument :
BNA_N
ClientSampleId :
DBYC6

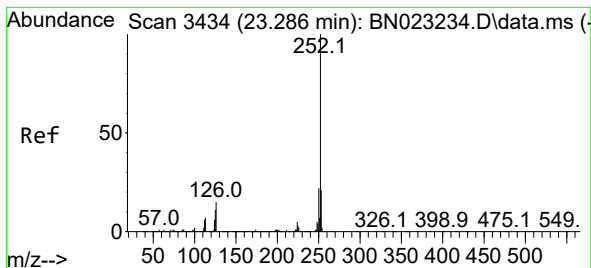
Tgt Ion:228 Resp: 436290
Ion Ratio Lower Upper
228 100
229 20.7 15.5 23.3
226 28.0 21.4 32.0



#87
Chrysene
Concen: 3.714 ng/ul
RT: 21.621 min Scan# 3151
Delta R.T. -0.000 min
Lab File: BN023273.D
Acq: 17 Dec 2022 12:09

Tgt Ion:228 Resp: 436236
Ion Ratio Lower Upper
228 100
226 29.4 24.6 36.8
229 21.1 16.5 24.7





#90

Benzo(b)fluoranthene

Concen: 5.513 ng/ul

RT: 23.286 min Scan# 3434

Delta R.T. 0.006 min

Lab File: BN023273.D

Acq: 17 Dec 2022 12:09

Instrument :

BNA_N

ClientSampleId :

DBYC6

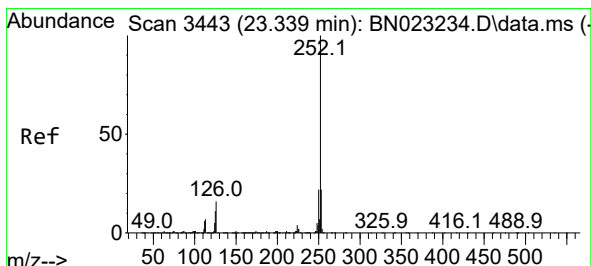
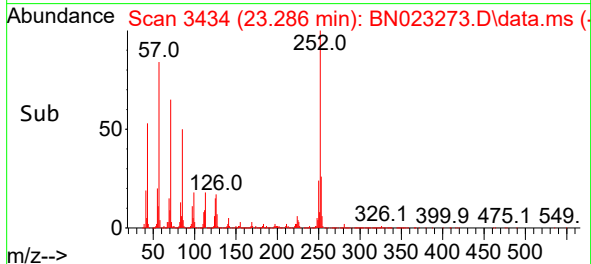
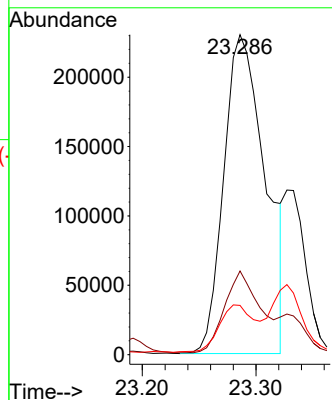
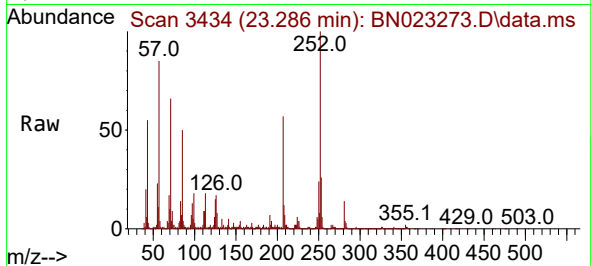
Tgt Ion:252 Resp: 582989

Ion Ratio Lower Upper

252 100

253 26.2 16.8 25.2#

125 15.4 8.8 13.2#



#91

Benzo(k)fluoranthene

Concen: 5.793 ng/ul

RT: 23.286 min Scan# 3434

Delta R.T. -0.047 min

Lab File: BN023273.D

Acq: 17 Dec 2022 12:09

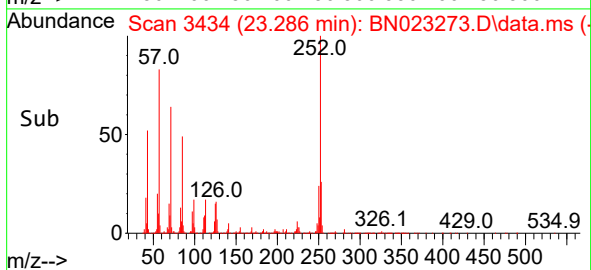
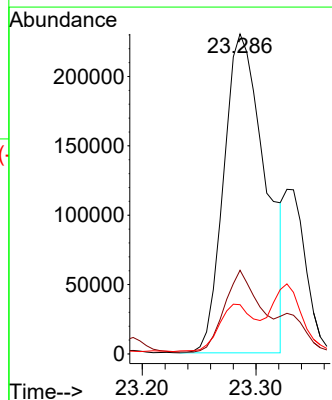
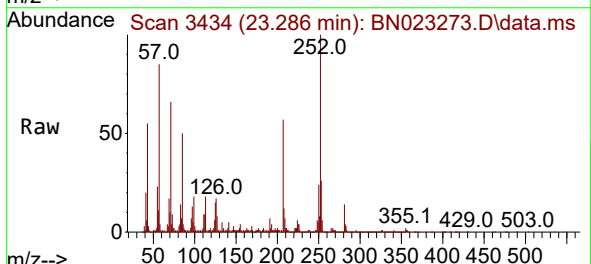
Tgt Ion:252 Resp: 582989

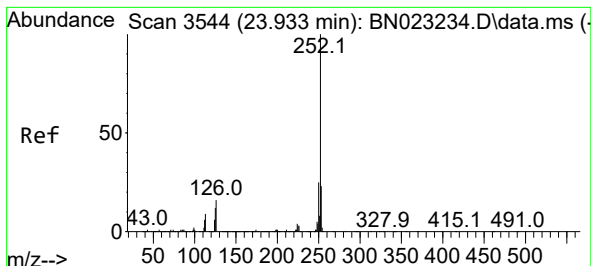
Ion Ratio Lower Upper

252 100

253 26.2 17.9 26.9

125 15.4 9.0 13.6#





#93

Benzo(a)pyrene

Concen: 3.315 ng/ul

RT: 23.927 min Scan# 3

Delta R.T. -0.000 min

Lab File: BN023273.D

Acq: 17 Dec 2022 12:09

Instrument :

BNA_N

ClientSampleId :

DBYC6

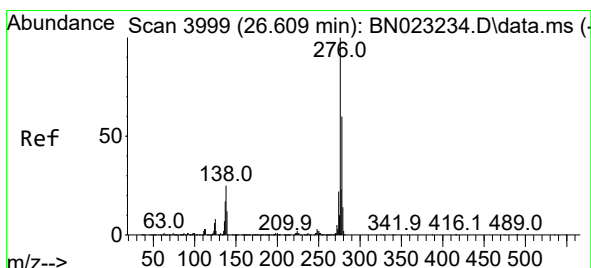
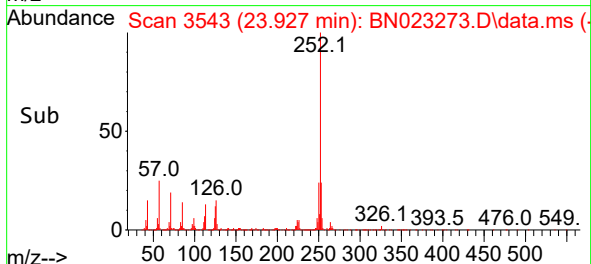
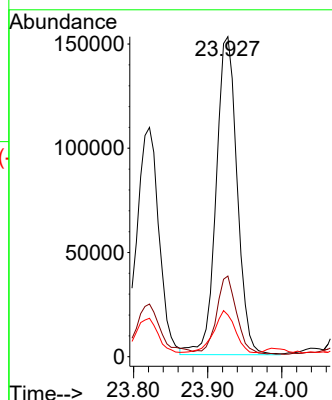
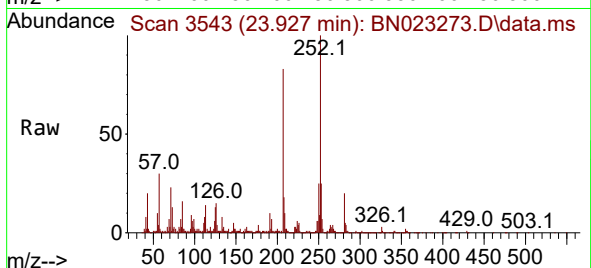
Tgt Ion:252 Resp: 301322

Ion Ratio Lower Upper

252 100

253 25.2 17.6 26.4

125 13.0 9.4 14.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.815 ng/ul

RT: 26.592 min Scan# 3996

Delta R.T. -0.006 min

Lab File: BN023273.D

Acq: 17 Dec 2022 12:09

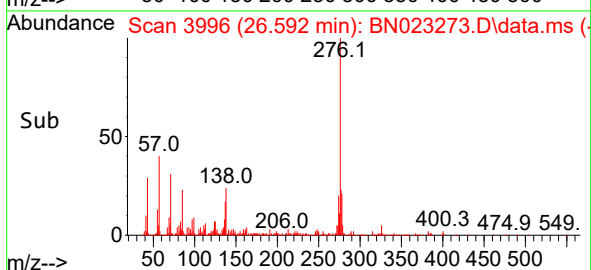
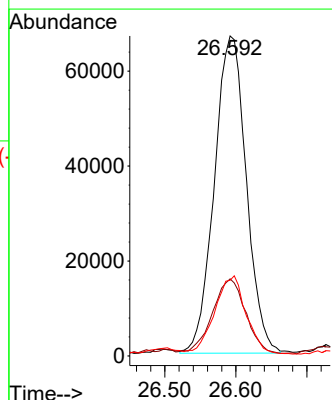
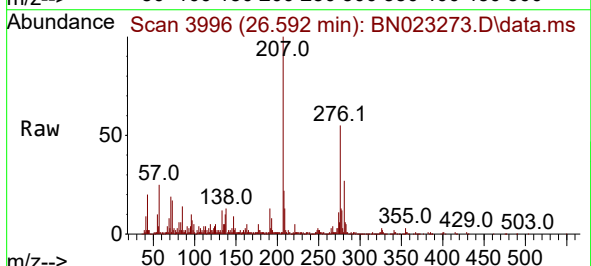
Tgt Ion:276 Resp: 208934

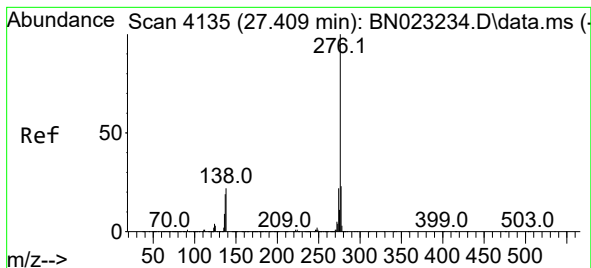
Ion Ratio Lower Upper

276 100

138 24.1 20.6 30.8

277 23.7 18.2 27.2





#96

Benzo(g,h,i)perylene

Concen: 1.460 ng/ul

RT: 27.386 min Scan# 41

Delta R.T. -0.006 min

Lab File: BN023273.D

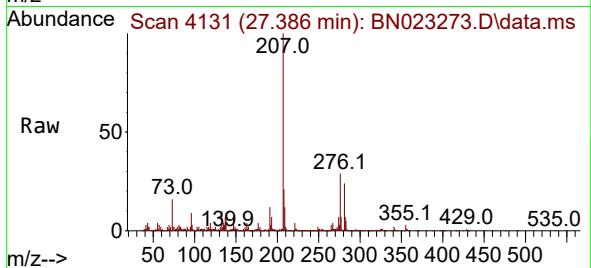
Acq: 17 Dec 2022 12:09

Instrument :

BNA_N

ClientSampleId :

DBYC6



Tgt Ion:276 Resp: 133011

Ion Ratio Lower Upper

276 100

138 25.8 19.2 28.8

277 25.2 19.3 28.9

