

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
 Data File : BN023275.D
 Acq On : 17 Dec 2022 13:23
 Operator : CG/JU
 Sample : N5925-21
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYD0

Quant Time: Dec 19 00:15:34 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)

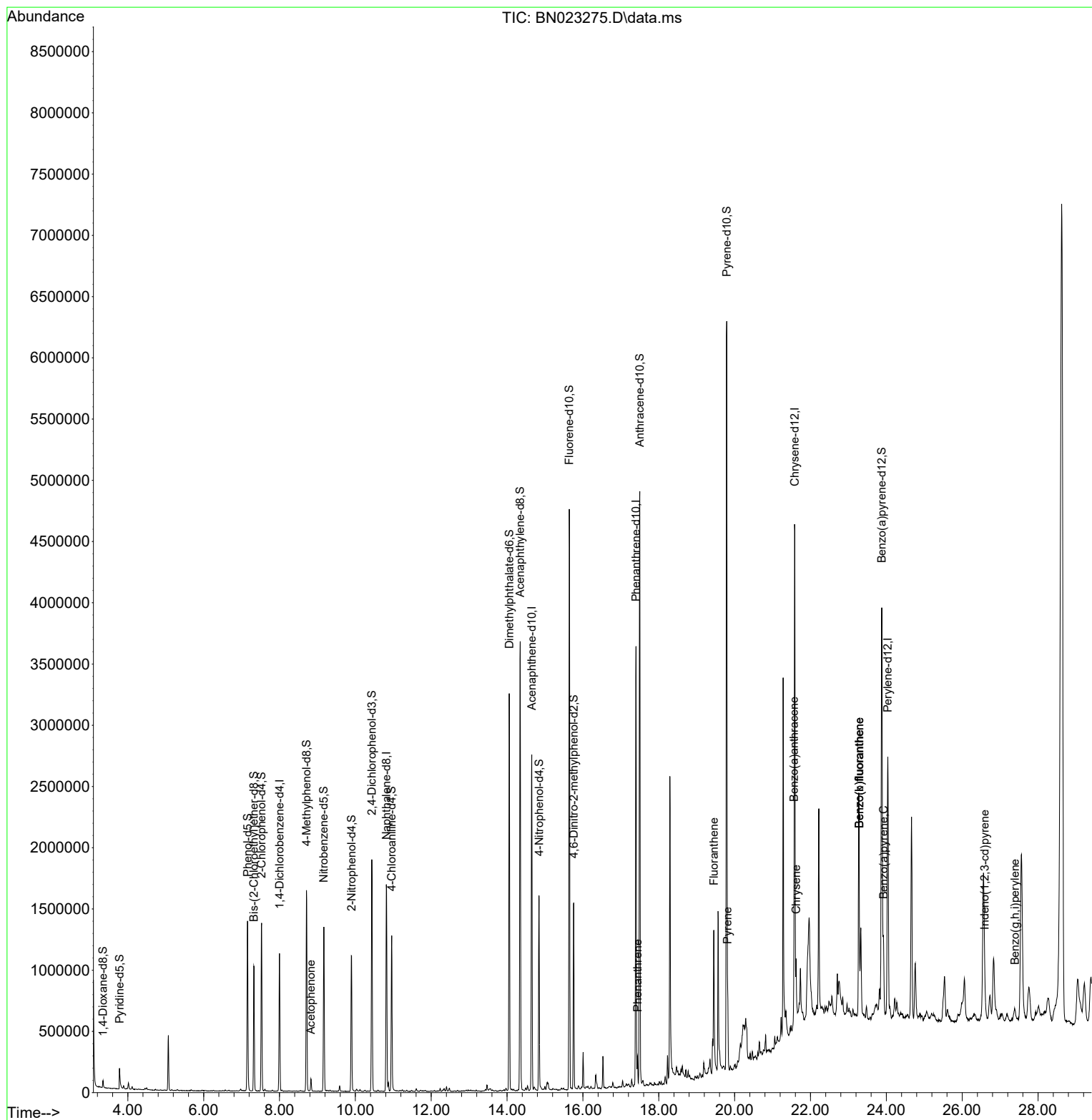
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	297679	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1395462	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	924266	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	2075141	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	1815491	20.000	ng/ul	0.00
88) Perylene-d12	24.039	264	1651649	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	30073	4.180	ng/uL	0.00
4) Pyridine-d5	3.781	84	106392	5.009	ng/ul	0.00
7) Phenol-d5	7.157	99	771105	27.852	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	440084	27.315	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	633034	30.344	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	606727	27.295	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	332269	30.818	ng/ul	0.00
24) 2-Nitrophenol-d4	9.898	143	380822	33.535	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	661675	30.865	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	680609	19.731	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	2052118	29.627	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	2384224	30.694	ng/ul	0.00
54) 4-Nitrophenol-d4	14.845	143	397187	25.675	ng/ul	0.00
60) Fluorene-d10	15.639	176	1791978	30.372	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	321810	26.344	ng/ul	0.00
73) Anthracene-d10	17.498	188	2763379	29.714	ng/ul	0.00
81) Pyrene-d10	19.792	212	3274539	33.157	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.880	264	2449363	30.256	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.828	105	51038	1.517	ng/ul	99
72) Phenanthrene	17.439	178	136784	1.246	ng/ul	98
80) Fluoranthene	19.451	202	433450	3.774	ng/ul	99
82) Pyrene	19.816	202	337513	2.797	ng/ul	99
85) Benzo(a)anthracene	21.568	228	257218	2.115	ng/ul	92
87) Chrysene	21.621	228	258965	2.256	ng/ul	99
90) Benzo(b)fluoranthene	23.286	252	370098	3.553	ng/ul#	94
91) Benzo(k)fluoranthene	23.286	252	370098	3.733	ng/ul#	96
93) Benzo(a)pyrene	23.927	252	226068	2.525	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.598	276	148815	1.312	ng/ul	98
96) Benzo(g,h,i)perylene	27.392	276	118868	1.325	ng/ul#	93

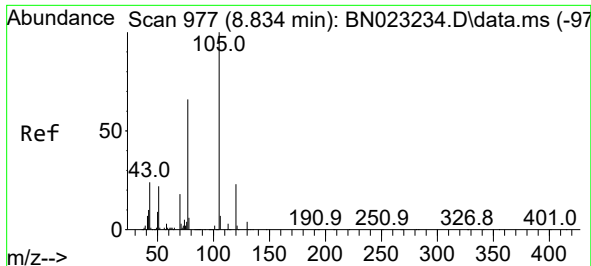
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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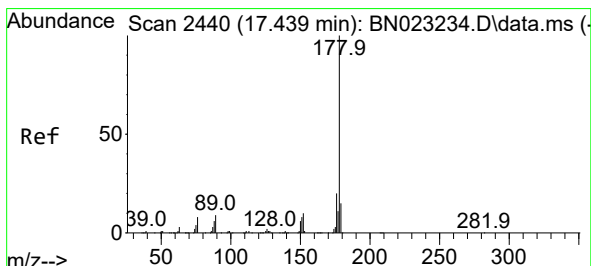
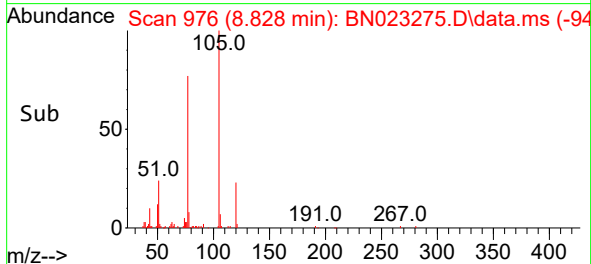
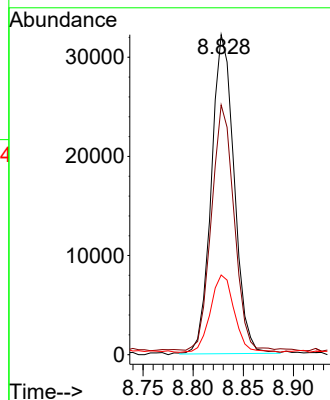
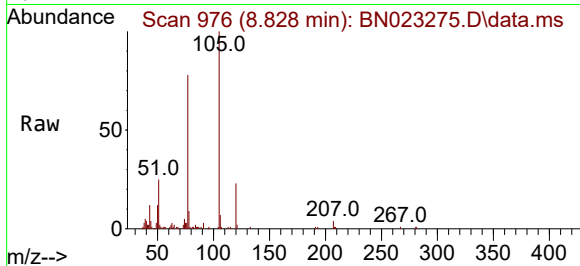




#16
Acetophenone
Concen: 1.517 ng/ul
RT: 8.828 min Scan# 91
Delta R.T. -0.006 min
Lab File: BN023275.D
Acq: 17 Dec 2022 13:23

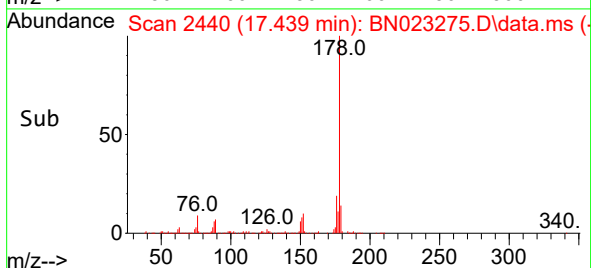
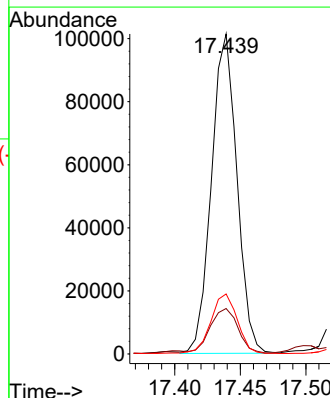
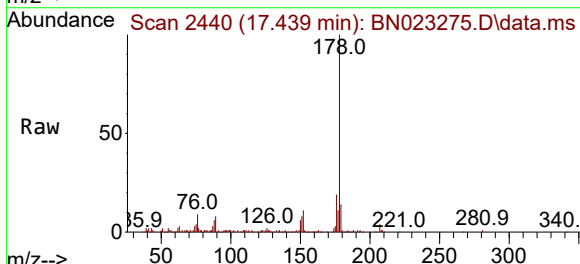
Instrument :
BNA_N
ClientSampleId :
DBYD0

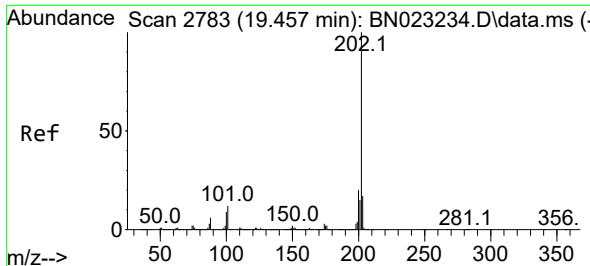
Tgt Ion:105 Resp: 51038
Ion Ratio Lower Upper
105 100
77 78.1 61.4 92.0
51 24.9 20.0 30.0



#72
Phenanthrene
Concen: 1.246 ng/ul
RT: 17.439 min Scan# 2440
Delta R.T. -0.000 min
Lab File: BN023275.D
Acq: 17 Dec 2022 13:23

Tgt Ion:178 Resp: 136784
Ion Ratio Lower Upper
178 100
179 14.2 12.3 18.5
176 18.7 15.4 23.0

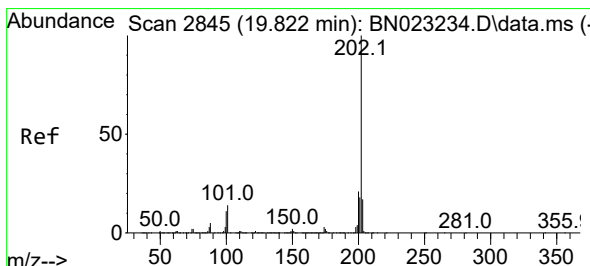
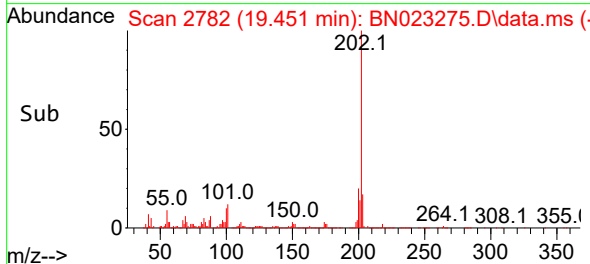
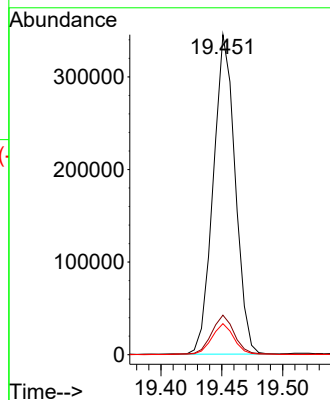
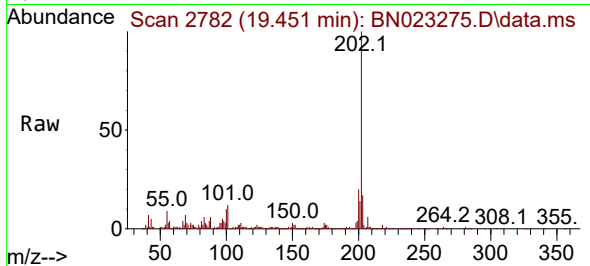




#80
Fluoranthene
Concen: 3.774 ng/ul
RT: 19.451 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN023275.D
Acq: 17 Dec 2022 13:23

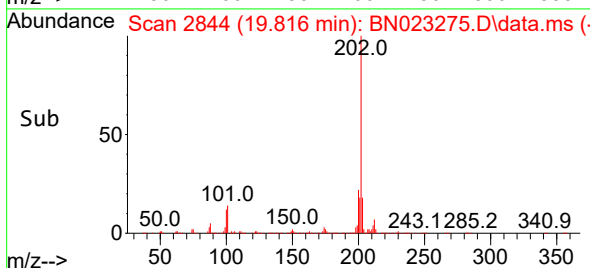
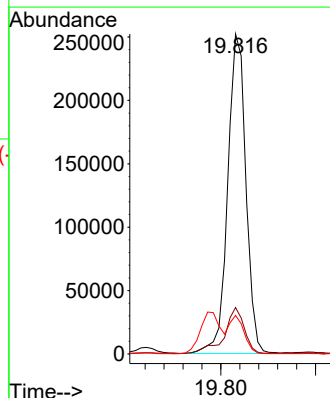
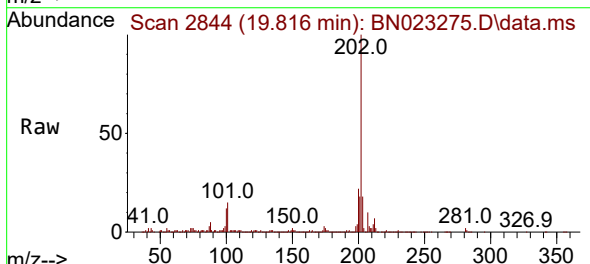
Instrument :
BNA_N
ClientSampleId :
DBYD0

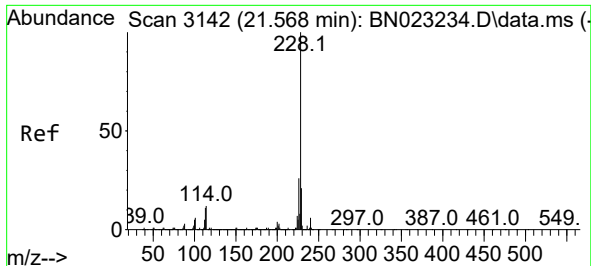
Tgt Ion:202 Resp: 433450
Ion Ratio Lower Upper
202 100
101 12.3 10.4 15.6
100 9.7 7.6 11.4



#82
Pyrene
Concen: 2.797 ng/ul
RT: 19.816 min Scan# 2844
Delta R.T. -0.000 min
Lab File: BN023275.D
Acq: 17 Dec 2022 13:23

Tgt Ion:202 Resp: 337513
Ion Ratio Lower Upper
202 100
101 14.5 12.0 18.0
100 12.0 9.5 14.3

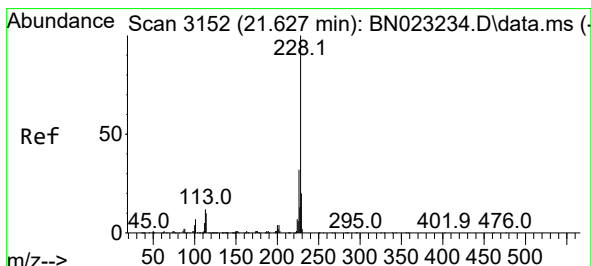
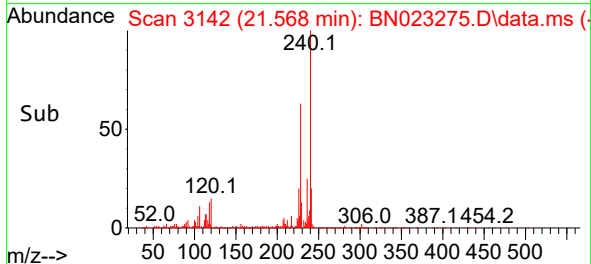
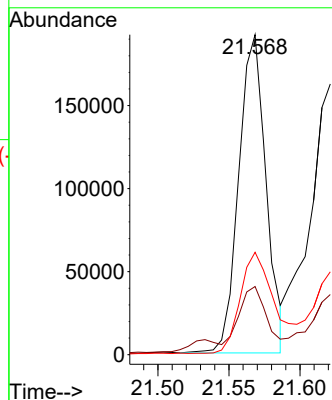
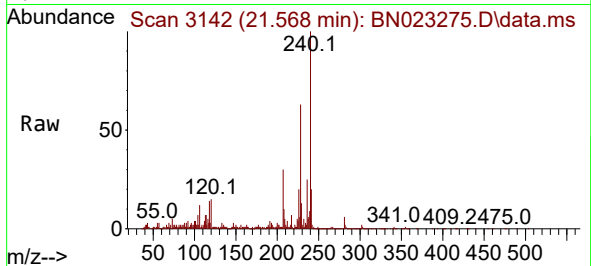




#85
Benzo(a)anthracene
Concen: 2.115 ng/ul
RT: 21.568 min Scan# 3142
Delta R.T. -0.000 min
Lab File: BN023275.D
Acq: 17 Dec 2022 13:23

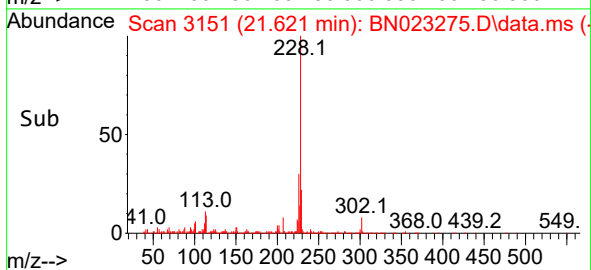
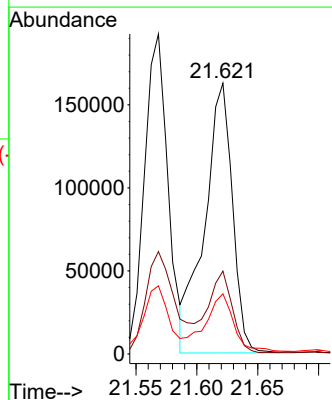
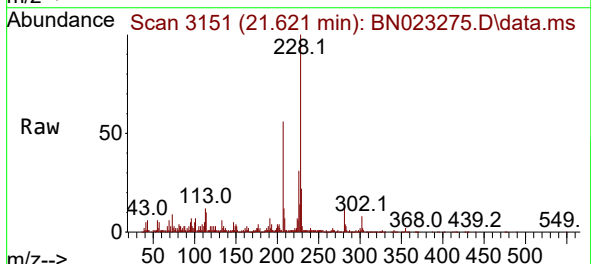
Instrument :
BNA_N
ClientSampleId :
DBYD0

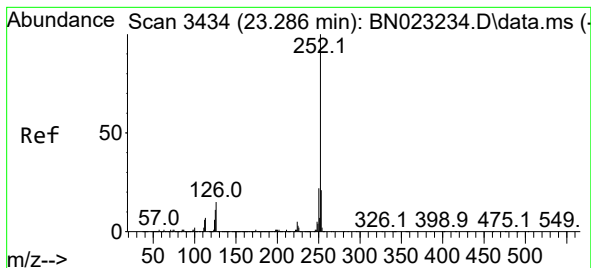
Tgt Ion:228 Resp: 257218
Ion Ratio Lower Upper
228 100
229 21.3 15.5 23.3
226 32.0 21.4 32.0



#87
Chrysene
Concen: 2.256 ng/ul
RT: 21.621 min Scan# 3151
Delta R.T. -0.000 min
Lab File: BN023275.D
Acq: 17 Dec 2022 13:23

Tgt Ion:228 Resp: 258965
Ion Ratio Lower Upper
228 100
226 30.6 24.6 36.8
229 22.2 16.5 24.7





#90

Benzo(b)fluoranthene

Concen: 3.553 ng/ul

RT: 23.286 min Scan# 3434

Delta R.T. 0.006 min

Lab File: BN023275.D

Acq: 17 Dec 2022 13:23

Instrument :

BNA_N

ClientSampleId :

DBYD0

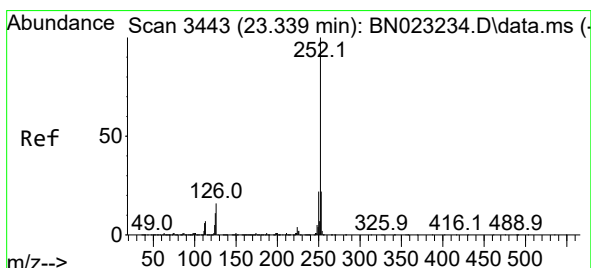
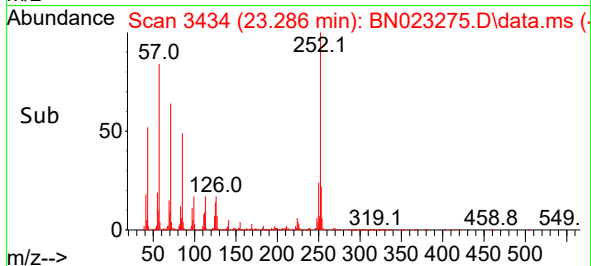
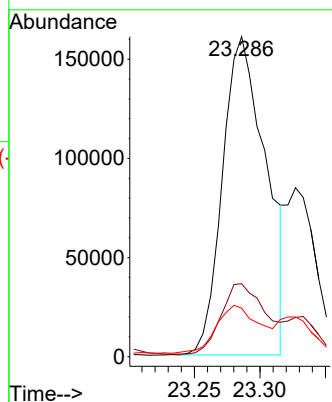
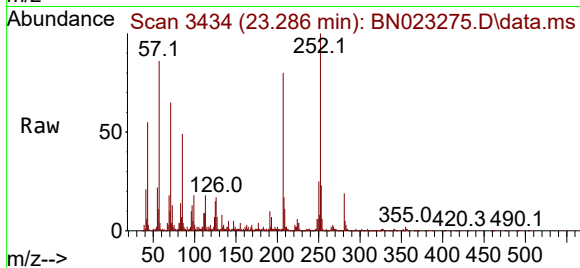
Tgt Ion:252 Resp: 370098

Ion Ratio Lower Upper

252 100

253 22.8 16.8 25.2

125 15.2 8.8 13.2#



#91

Benzo(k)fluoranthene

Concen: 3.733 ng/ul

RT: 23.286 min Scan# 3434

Delta R.T. -0.047 min

Lab File: BN023275.D

Acq: 17 Dec 2022 13:23

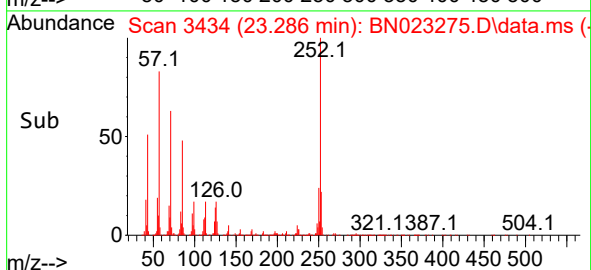
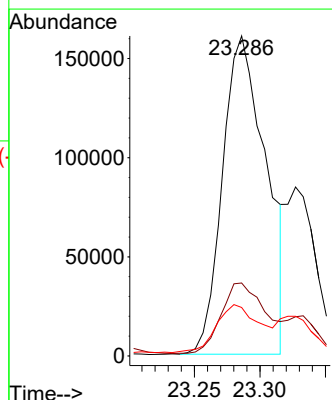
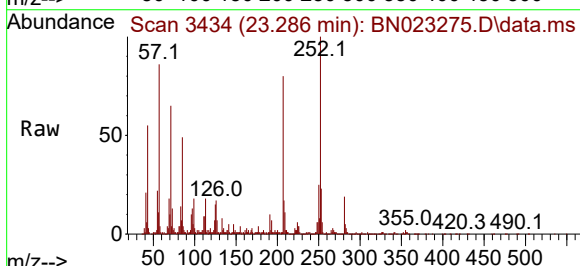
Tgt Ion:252 Resp: 370098

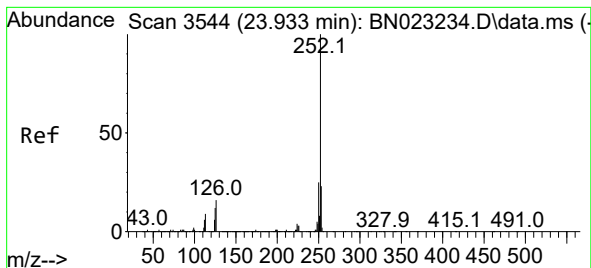
Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

125 15.2 9.0 13.6#





#93

Benzo(a)pyrene

Concen: 2.525 ng/ul

RT: 23.927 min Scan# 3

Delta R.T. -0.000 min

Lab File: BN023275.D

Acq: 17 Dec 2022 13:23

Instrument :

BNA_N

ClientSampleId :

DBYD0

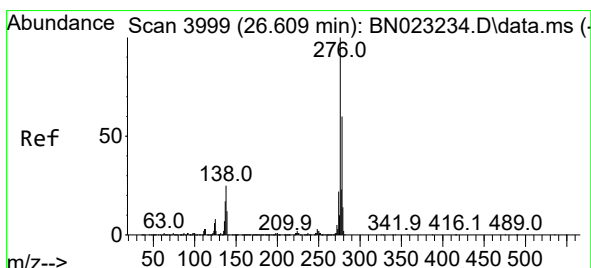
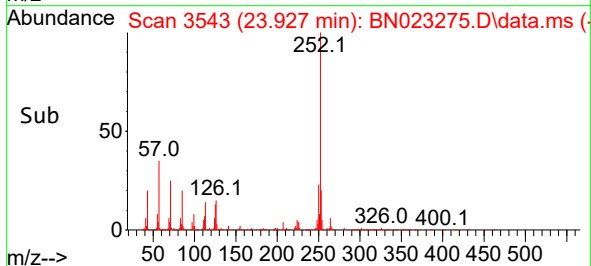
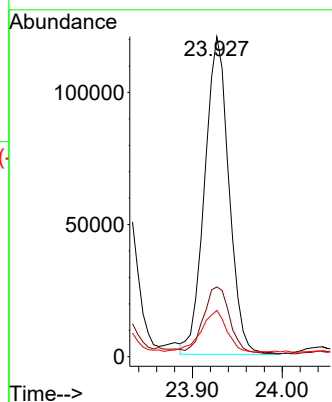
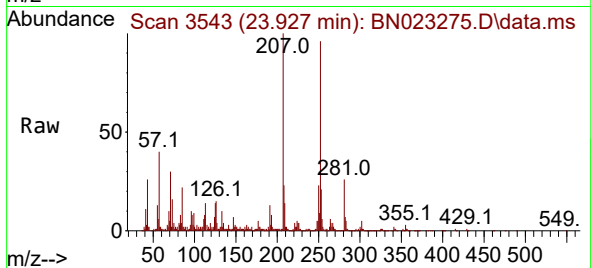
Tgt Ion:252 Resp: 226068

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 14.5 9.4 14.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.312 ng/ul

RT: 26.598 min Scan# 3997

Delta R.T. -0.000 min

Lab File: BN023275.D

Acq: 17 Dec 2022 13:23

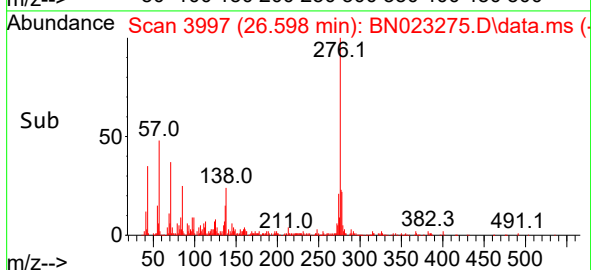
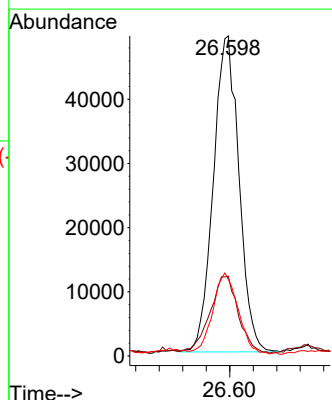
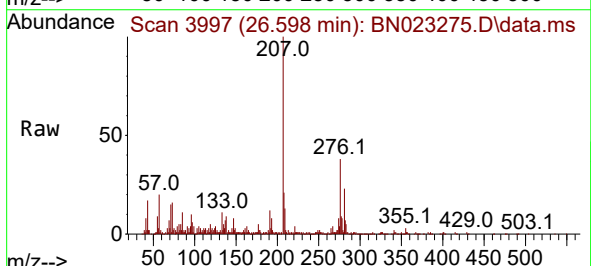
Tgt Ion:276 Resp: 148815

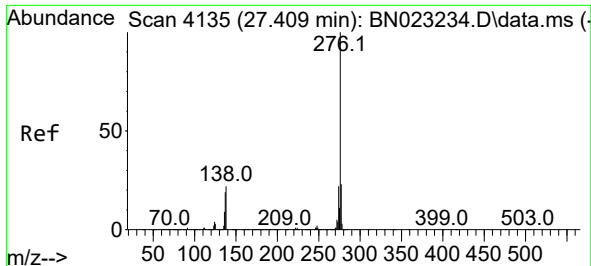
Ion Ratio Lower Upper

276 100

138 24.9 20.6 30.8

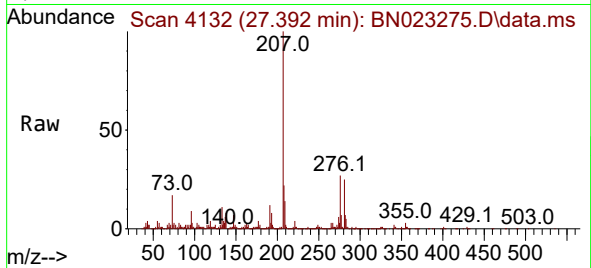
277 23.9 18.2 27.2





#96
 Benzo(g,h,i)perylene
 Concen: 1.325 ng/ul
 RT: 27.392 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BN023275.D
 Acq: 17 Dec 2022 13:23

Instrument :
 BNA_N
 ClientSampleId :
 DBYD0



Tgt Ion:276 Resp: 118868
 Ion Ratio Lower Upper
 276 100
 138 29.0 19.2 28.8#
 277 26.0 19.3 28.9

