

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
 Data File : BN023277.D
 Acq On : 17 Dec 2022 14:36
 Operator : CG/JU
 Sample : N5925-24
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYG6

Quant Time: Dec 19 00:15:52 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)

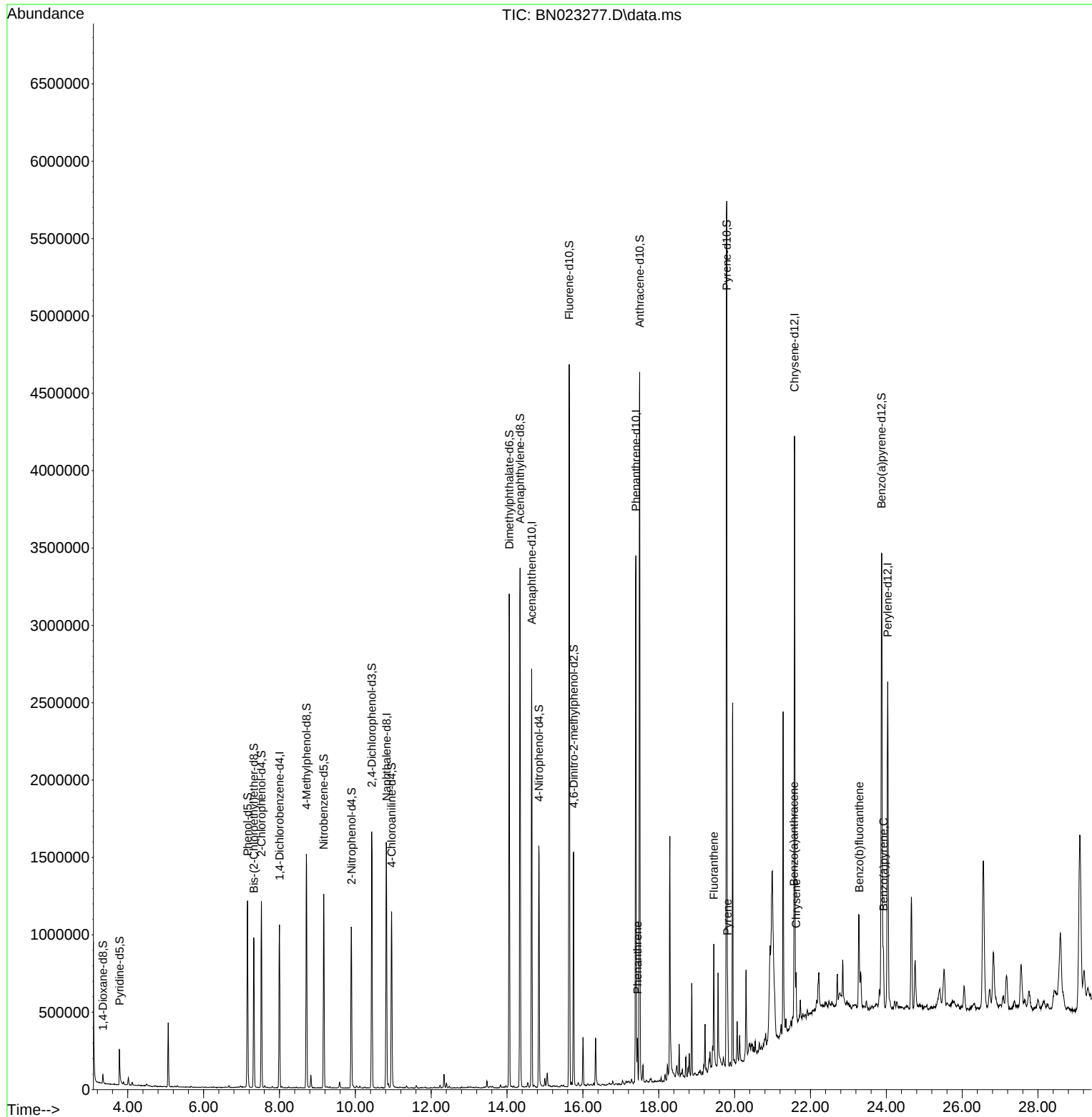
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	280939	20.000	ng/u1	0.00
20) Naphthalene-d8	10.822	136	1316126	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	885353	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.398	188	2022175	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	1749311	20.000	ng/u1	0.00
88) Perylene-d12	24.039	264	1562975	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	30344	4.469	ng/uL	0.00
4) Pyridine-d5	3.781	84	147728	7.370	ng/u1	0.00
7) Phenol-d5	7.157	99	681232	26.072	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	414363	27.251	ng/u1	0.00
11) 2-Chlorophenol-d4	7.522	132	554374	28.157	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	566904	27.023	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	306752	30.166	ng/u1	0.00
24) 2-Nitrophenol-d4	9.899	143	348508	32.540	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	590070	29.184	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	610624	18.769	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	2037117	30.703	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	2170593	29.172	ng/u1	0.00
54) 4-Nitrophenol-d4	14.839	143	379721	25.625	ng/u1	0.00
60) Fluorene-d10	15.639	176	1725368	30.528	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	314166	26.392	ng/u1	0.00
73) Anthracene-d10	17.498	188	2572890	28.390	ng/u1	0.00
81) Pyrene-d10	19.792	212	2972550	31.238	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.874	264	2201543	28.737	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.439	178	167379	1.564	ng/u1	99
80) Fluoranthene	19.451	202	379729	3.431	ng/u1	97
82) Pyrene	19.816	202	276308	2.377	ng/u1	96
85) Benzo(a)anthracene	21.563	228	178375	1.522	ng/u1	98
87) Chrysene	21.621	228	174768	1.580	ng/u1	97
90) Benzo(b)fluoranthene	23.286	252	219800	2.230	ng/u1#	92
93) Benzo(a)pyrene	23.927	252	126288	1.491	ng/u1	95

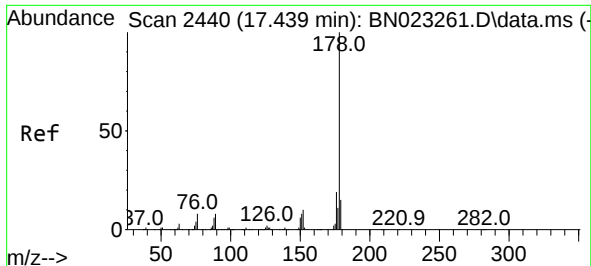
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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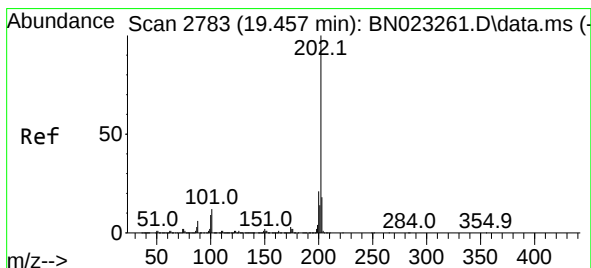
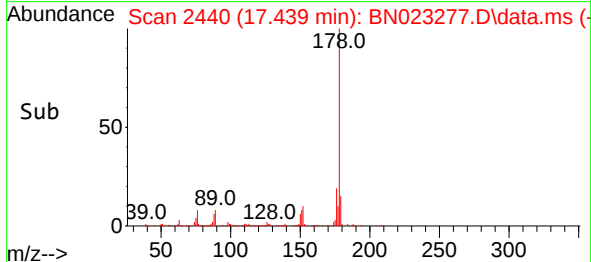
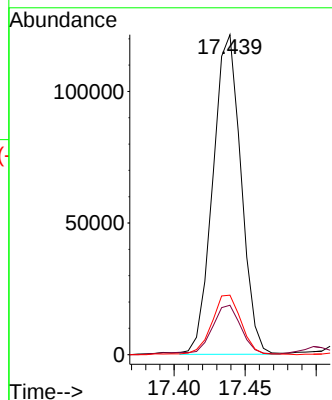
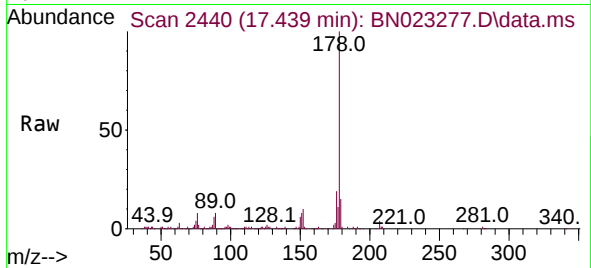




#72
Phenanthrene
Concen: 1.564 ng/ul
RT: 17.439 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN023277.D
Acq: 17 Dec 2022 14:36

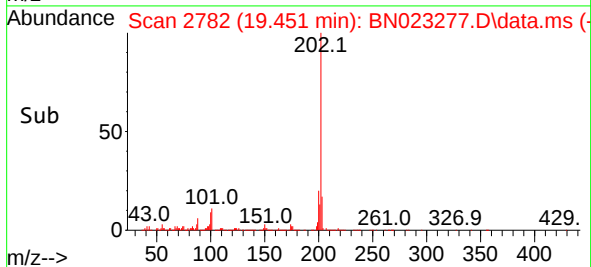
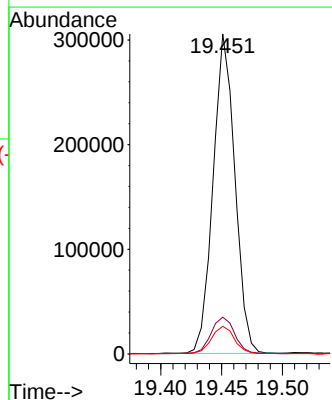
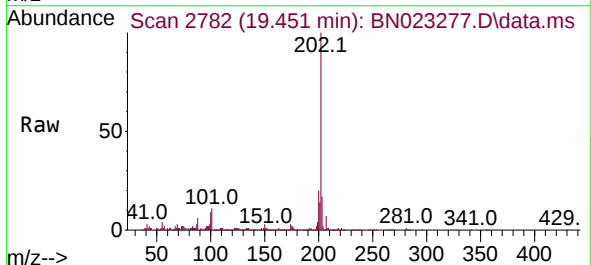
Instrument :
BNA_N
ClientSampleId :
DBYG6

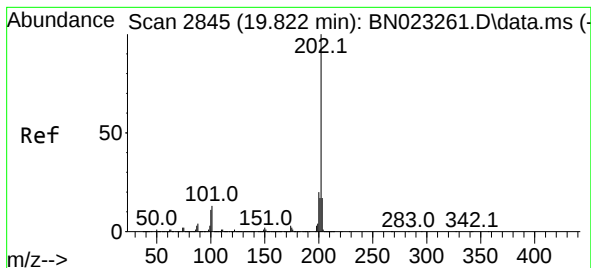
Tgt Ion:178 Resp: 167379
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 18.6 15.4 23.0



#80
Fluoranthene
Concen: 3.431 ng/ul
RT: 19.451 min Scan# 2782
Delta R.T. 0.000 min
Lab File: BN023277.D
Acq: 17 Dec 2022 14:36

Tgt Ion:202 Resp: 379729
Ion Ratio Lower Upper
202 100
101 11.5 10.4 15.6
100 8.6 7.6 11.4





#82

Pyrene

Concen: 2.377 ng/ul

RT: 19.816 min Scan# 2844

Delta R.T. 0.000 min

Lab File: BN023277.D

Acq: 17 Dec 2022 14:36

Instrument :

BNA_N

ClientSampleId :

DBYG6

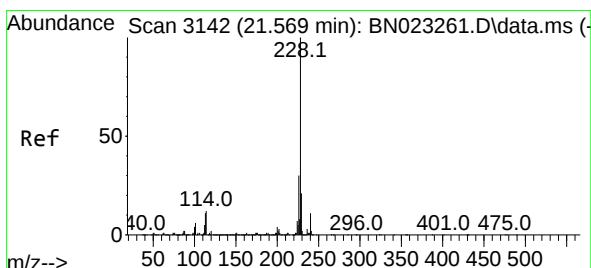
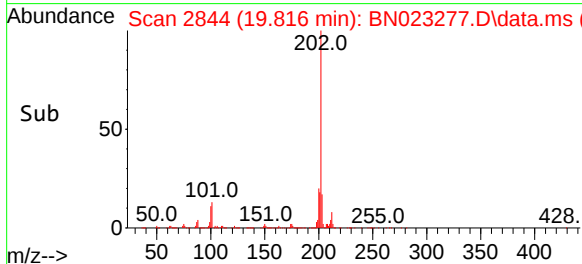
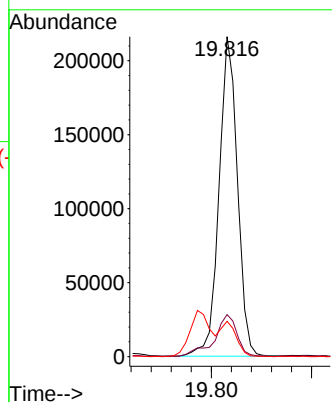
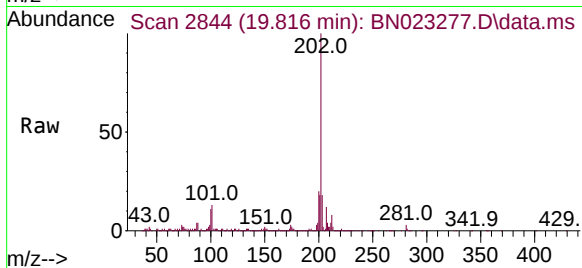
Tgt Ion:202 Resp: 276308

Ion Ratio Lower Upper

202 100

101 13.1 12.0 18.0

100 11.0 9.5 14.3



#85

Benzo(a)anthracene

Concen: 1.522 ng/ul

RT: 21.563 min Scan# 3141

Delta R.T. -0.006 min

Lab File: BN023277.D

Acq: 17 Dec 2022 14:36

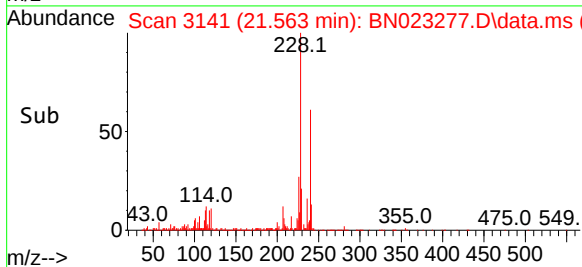
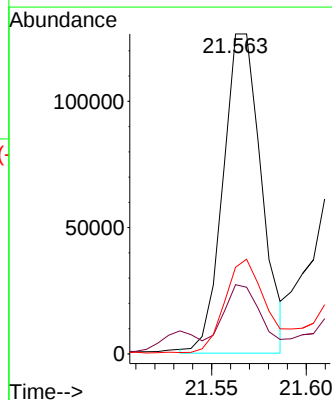
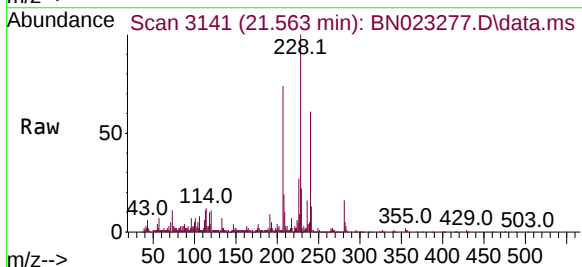
Tgt Ion:228 Resp: 178375

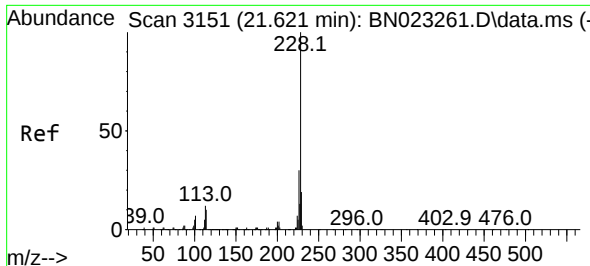
Ion Ratio Lower Upper

228 100

229 21.6 15.5 23.3

226 27.1 21.4 32.0





#87

Chrysene

Concen: 1.580 ng/ul

RT: 21.621 min Scan# 3151

Delta R.T. 0.000 min

Lab File: BN023277.D

Acq: 17 Dec 2022 14:36

Instrument :

BNA_N

ClientSampleId :

DBYG6

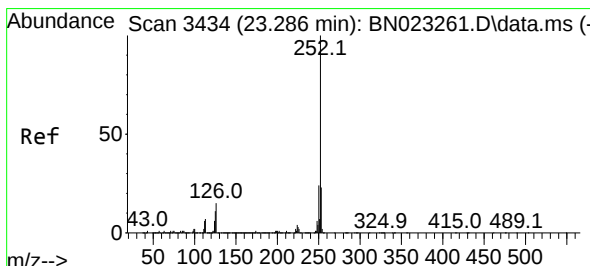
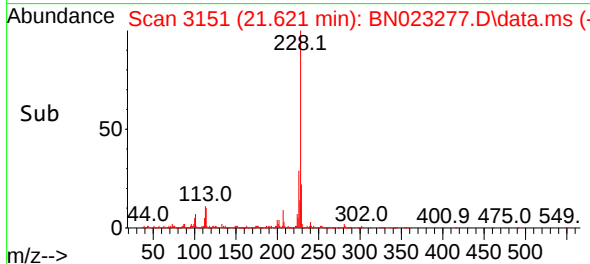
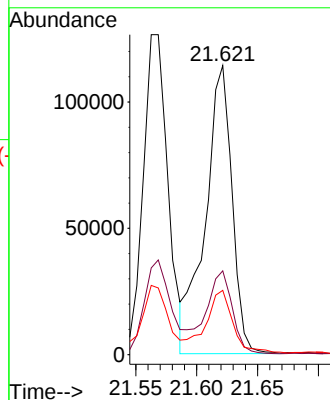
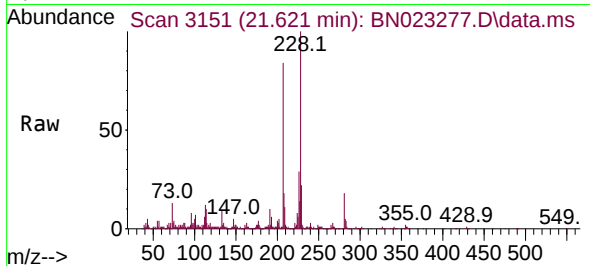
Tgt Ion:228 Resp: 174768

Ion Ratio Lower Upper

228 100

226 29.0 24.6 36.8

229 22.2 16.5 24.7



#90

Benzo(b)fluoranthene

Concen: 2.230 ng/ul

RT: 23.286 min Scan# 3434

Delta R.T. 0.006 min

Lab File: BN023277.D

Acq: 17 Dec 2022 14:36

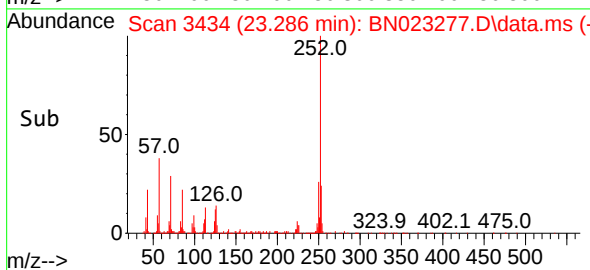
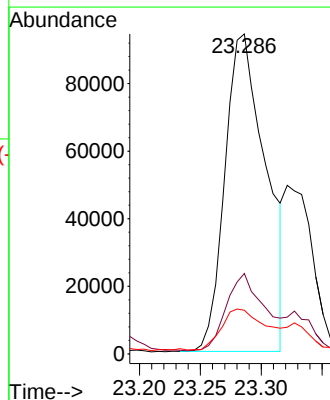
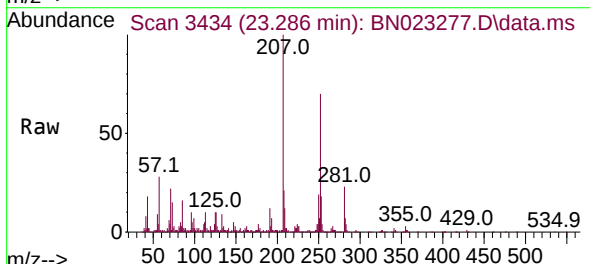
Tgt Ion:252 Resp: 219800

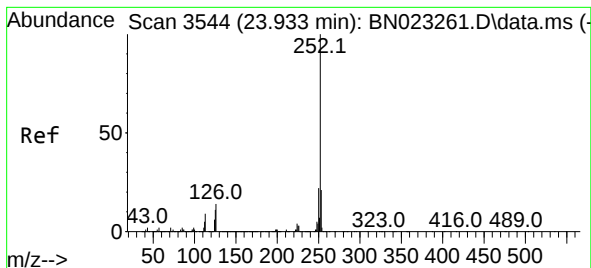
Ion Ratio Lower Upper

252 100

253 25.1 16.8 25.2

125 13.6 8.8 13.2#





#93

Benzo(a)pyrene

Concen: 1.491 ng/ul

RT: 23.927 min Scan# 3543

Delta R.T. 0.000 min

Lab File: BN023277.D

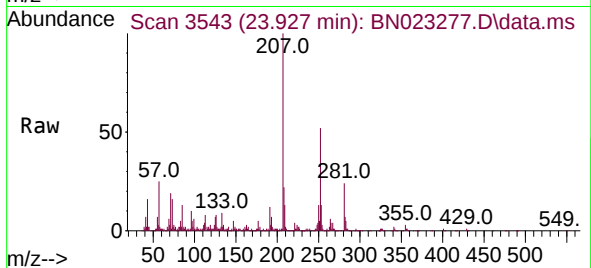
Acq: 17 Dec 2022 14:36

Instrument :

BNA_N

ClientSampleId :

DBYG6



Tgt Ion:252 Resp: 126288

Ion Ratio Lower Upper

252 100

253 24.4 17.6 26.4

125 14.1 9.4 14.2

