

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
 Data File : BN023272.D
 Acq On : 17 Dec 2022 11:33
 Operator : CG/JU
 Sample : N5925-14
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXZ5

Quant Time: Dec 19 00:15:01 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)

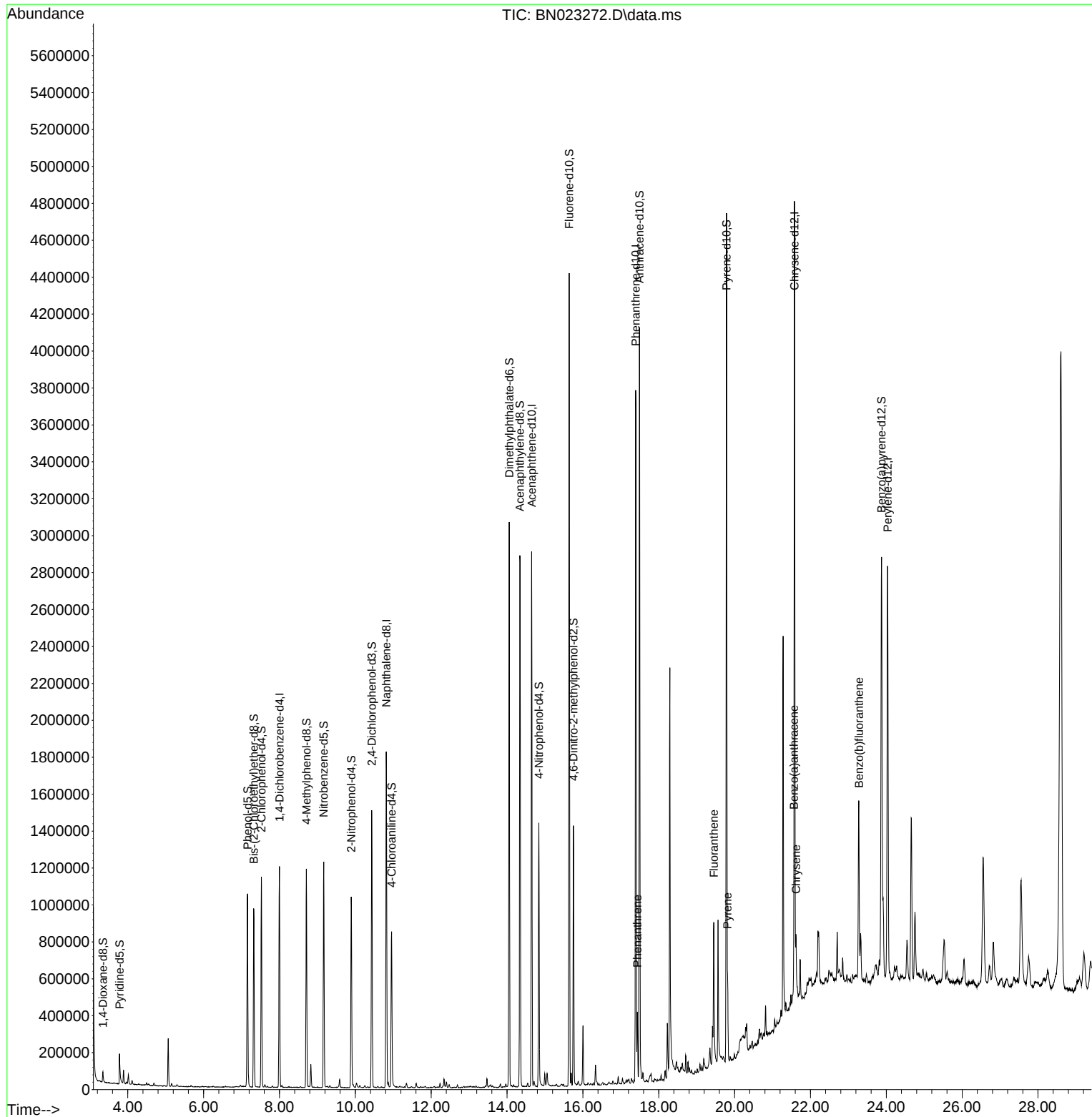
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	315034	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1470938	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	966699	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.392	188	2213623	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	1912980	20.000	ng/u1	0.00
88) Perylene-d12	24.039	264	1734932	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	29682	3.898	ng/uL	0.00
4) Pyridine-d5	3.781	84	97841	4.353	ng/u1	0.00
7) Phenol-d5	7.158	99	594496	20.290	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	411265	24.120	ng/u1	0.00
11) 2-Chlorophenol-d4	7.522	132	523928	23.730	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	430032	18.280	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	299428	26.347	ng/u1	0.00
24) 2-Nitrophenol-d4	9.893	143	337115	28.163	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	524762	23.223	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	469050	12.900	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	1965581	27.132	ng/u1	0.00
49) Acenaphthylene-d8	14.340	160	1892319	23.292	ng/u1	0.00
54) 4-Nitrophenol-d4	14.839	143	338742	20.936	ng/u1	0.00
60) Fluorene-d10	15.639	176	1621137	26.270	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	291070	22.337	ng/u1	0.00
73) Anthracene-d10	17.492	188	2211315	22.290	ng/u1	0.00
81) Pyrene-d10	19.786	212	2384330	22.913	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.874	264	1694431	19.926	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.433	178	209053	1.785	ng/u1	100
80) Fluoranthene	19.451	202	328227	2.712	ng/u1	99
82) Pyrene	19.816	202	234045	1.841	ng/u1	96
85) Benzo(a)anthracene	21.563	228	142773	1.114	ng/u1	99
87) Chrysene	21.621	228	136295	1.127	ng/u1	96
90) Benzo(b)fluoranthene	23.280	252	169171	1.546	ng/u1#	89

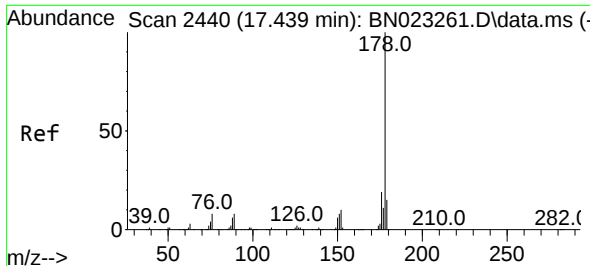
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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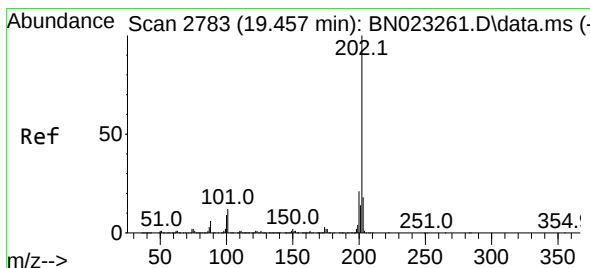
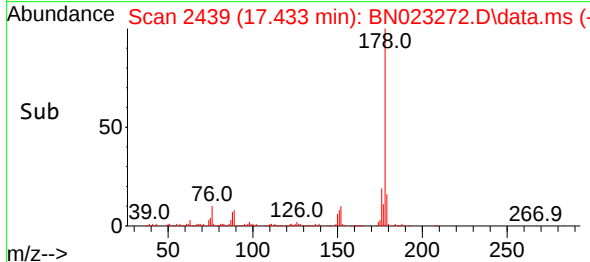
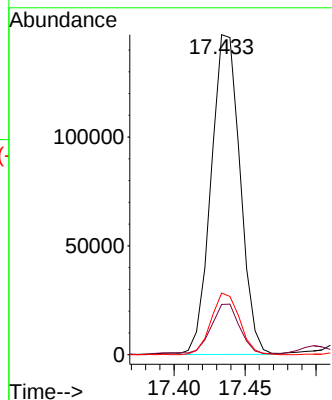
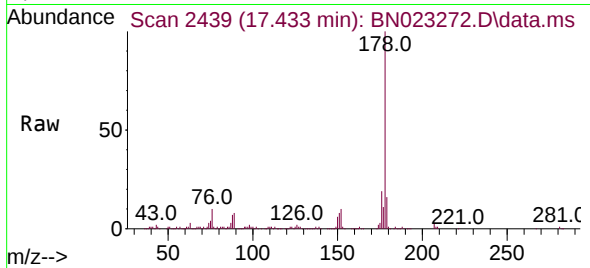




#72
Phenanthrene
Concen: 1.785 ng/ul
RT: 17.433 min Scan# 2440
Delta R.T. -0.006 min
Lab File: BN023272.D
Acq: 17 Dec 2022 11:33

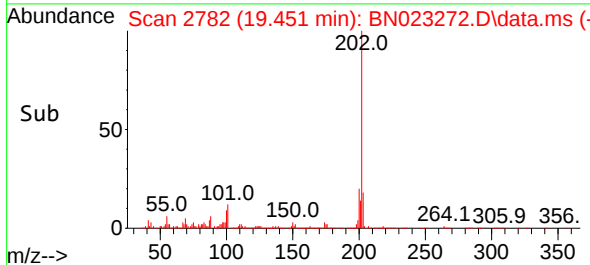
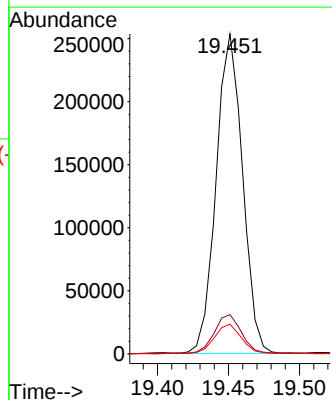
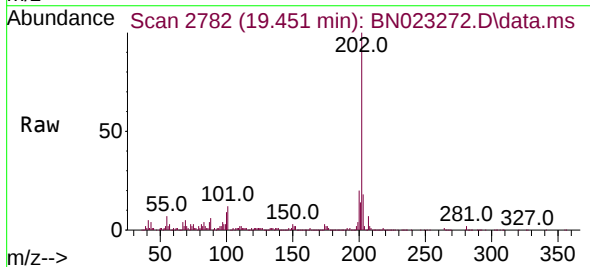
Instrument :
BNA_N
ClientSampleId :
DBXZ5

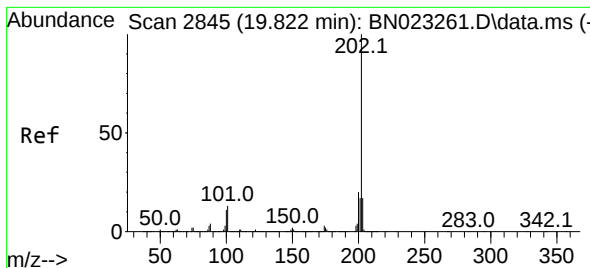
Tgt Ion:178 Resp: 209053
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 19.2 15.4 23.0



#80
Fluoranthene
Concen: 2.712 ng/ul
RT: 19.451 min Scan# 2782
Delta R.T. 0.000 min
Lab File: BN023272.D
Acq: 17 Dec 2022 11:33

Tgt Ion:202 Resp: 328227
Ion Ratio Lower Upper
202 100
101 12.3 10.4 15.6
100 9.3 7.6 11.4





#82

Pyrene

Concen: 1.841 ng/ul

RT: 19.816 min Scan# 2844

Delta R.T. 0.000 min

Lab File: BN023272.D

Acq: 17 Dec 2022 11:33

Instrument :

BNA_N

ClientSampleId :

DBXZ5

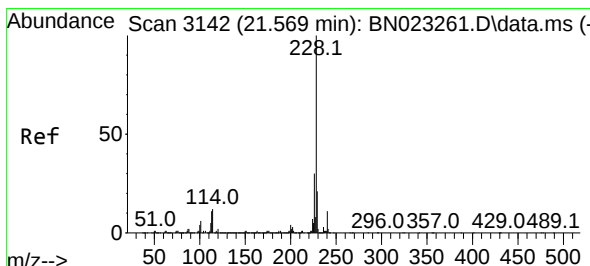
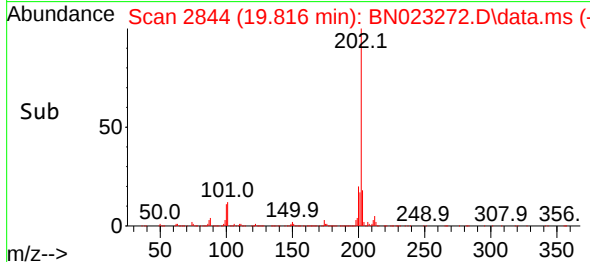
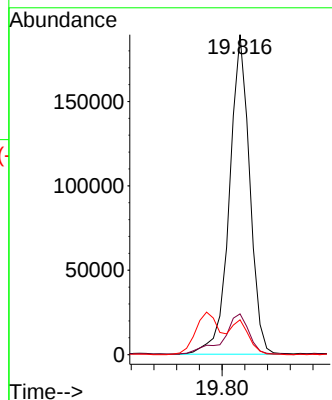
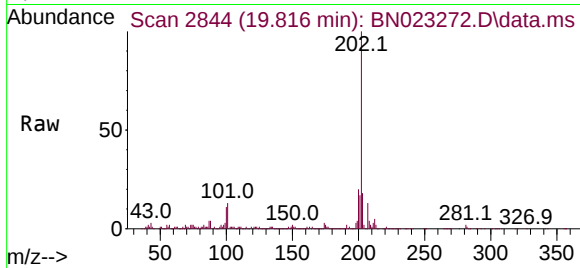
Tgt Ion:202 Resp: 234045

Ion Ratio Lower Upper

202 100

101 12.7 12.0 18.0

100 10.9 9.5 14.3



#85

Benzo(a)anthracene

Concen: 1.114 ng/ul

RT: 21.563 min Scan# 3141

Delta R.T. -0.006 min

Lab File: BN023272.D

Acq: 17 Dec 2022 11:33

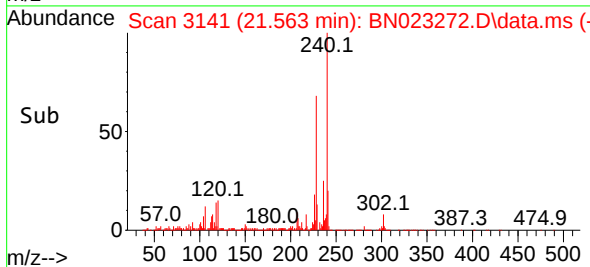
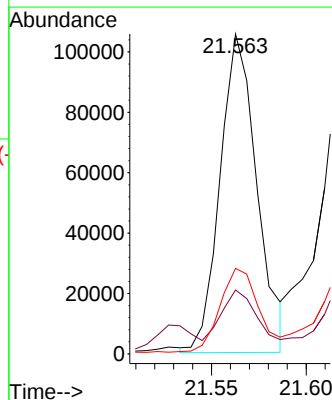
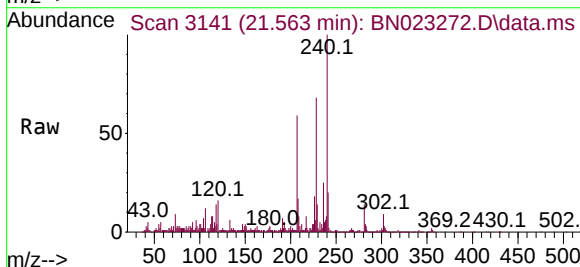
Tgt Ion:228 Resp: 142773

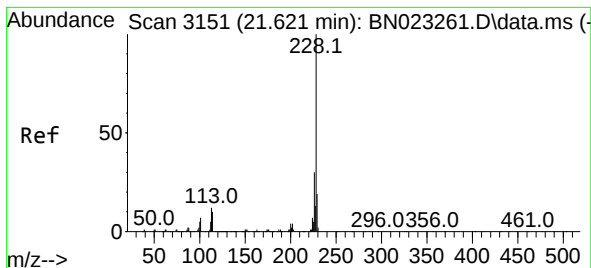
Ion Ratio Lower Upper

228 100

229 20.0 15.5 23.3

226 26.7 21.4 32.0





#87

Chrysene

Concen: 1.127 ng/ul

RT: 21.621 min Scan# 3151

Delta R.T. 0.000 min

Lab File: BN023272.D

Acq: 17 Dec 2022 11:33

Instrument :

BNA_N

ClientSampleId :

DBXZ5

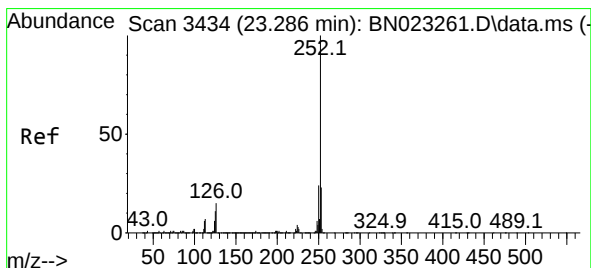
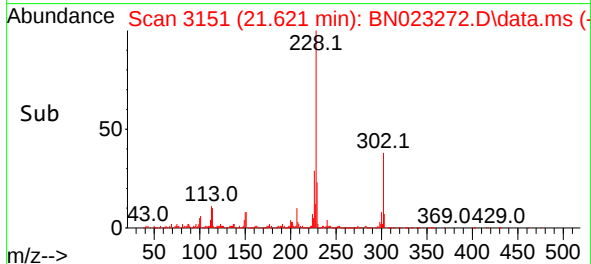
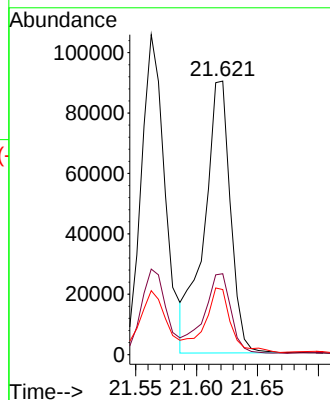
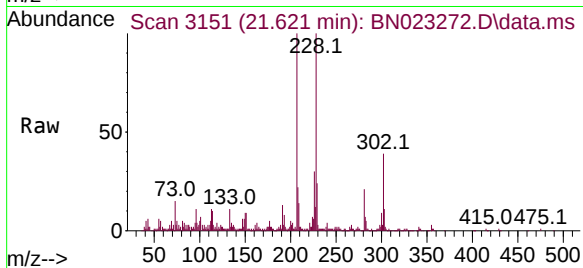
Tgt Ion:228 Resp: 136295

Ion Ratio Lower Upper

228 100

226 29.6 24.6 36.8

229 23.8 16.5 24.7



#90

Benzo(b)fluoranthene

Concen: 1.546 ng/ul

RT: 23.280 min Scan# 3433

Delta R.T. 0.000 min

Lab File: BN023272.D

Acq: 17 Dec 2022 11:33

Tgt Ion:252 Resp: 169171

Ion Ratio Lower Upper

252 100

253 25.0 16.8 25.2

125 17.2 8.8 13.2#

