

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
 Data File : BN031829.D
 Acq On : 06 Jun 2024 21:51
 Operator : MA/JU
 Sample : P2647-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 06 23:40:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

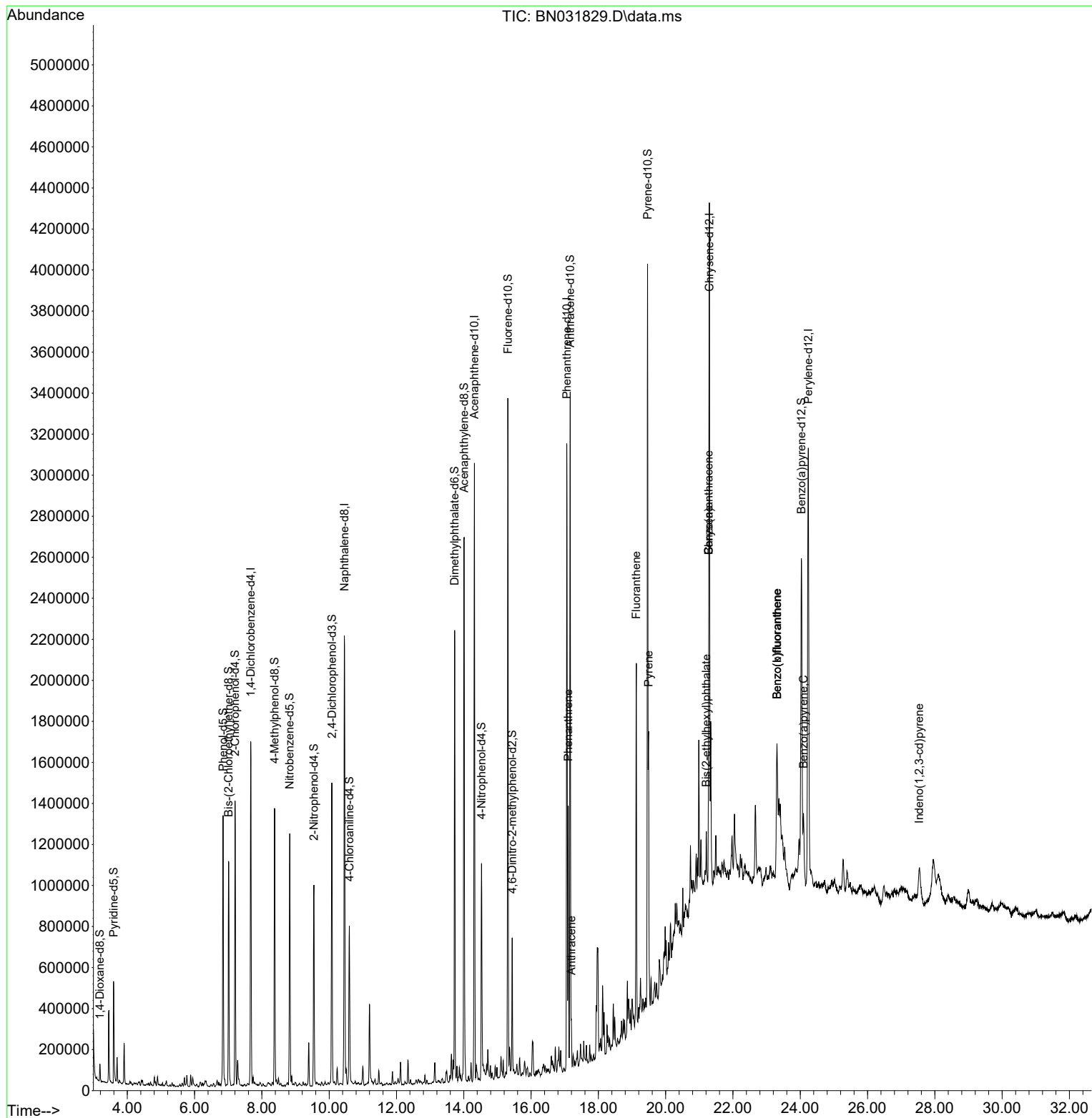
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	482049	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.451	136	1915608	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.316	164	1050397	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.063	188	1821151	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	1491025	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264	1892881	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	43165	3.705	ng/uL	0.00
4) Pyridine-d5	3.593	84	277595	8.463	ng/ul	0.00
7) Phenol-d5	6.846	99	815539	19.735	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	479471	19.836	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.205	132	679396	21.546	ng/ul	-0.01
15) 4-Methylphenol-d8	8.375	113	554711	16.467	ng/ul	-0.01
21) Nitrobenzene-d5	8.828	128	331529	22.635	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.546	143	345125	22.811	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	573800	20.315	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	463129	11.043	ng/ul	-0.01
46) Dimethylphthalate-d6	13.728	166	1506420	20.586	ng/ul	-0.02
49) Acenaphthylene-d8	14.010	160	1819107	21.619	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	239582	16.352	ng/ul	0.00
60) Fluorene-d10	15.310	176	1256644	20.296	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	141396	15.446	ng/ul	0.00
73) Anthracene-d10	17.163	188	1816435	23.297	ng/ul	0.00
81) Pyrene-d10	19.463	212	1717005	21.520	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264	1462246	16.178	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.104	178	760042	8.193	ng/ul	98
74) Anthracene	17.198	178	141312	1.503	ng/ul	98
80) Fluoranthene	19.127	202	1002756	10.516	ng/ul	99
82) Pyrene	19.492	202	780149	7.974	ng/ul	97
85) Benzo(a)anthracene	21.280	228	500243	5.012	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	111259	1.652	ng/ul#	99
87) Chrysene	21.280	228	496773	5.329	ng/ul	98
90) Benzo(b)fluoranthene	23.310	252	637558	5.635	ng/ul	95
91) Benzo(k)fluoranthene	23.310	252	637558	5.743	ng/ul	96
93) Benzo(a)pyrene	24.098	252	273489	2.581	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	27.539	276	241578	1.978	ng/ul	93

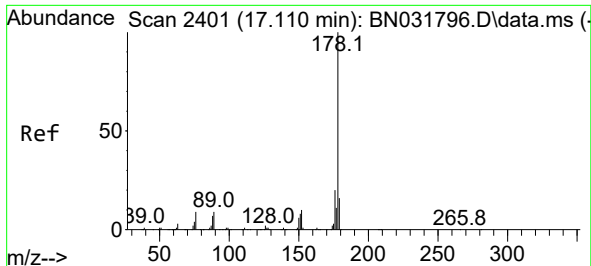
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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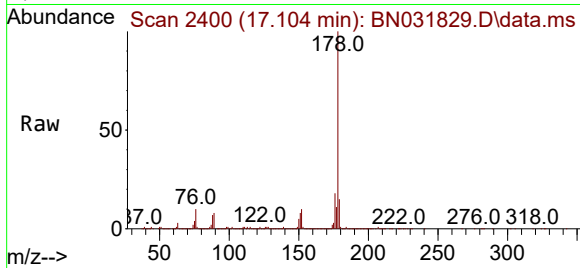
Quant Time: Jun 06 23:40:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
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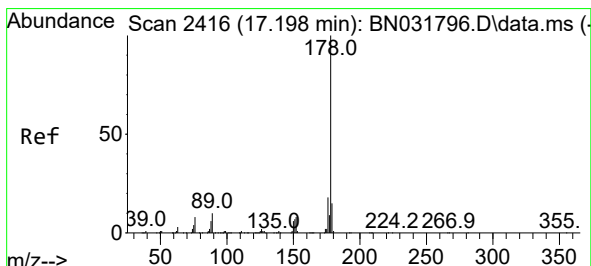
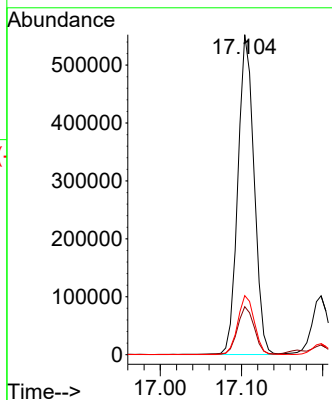
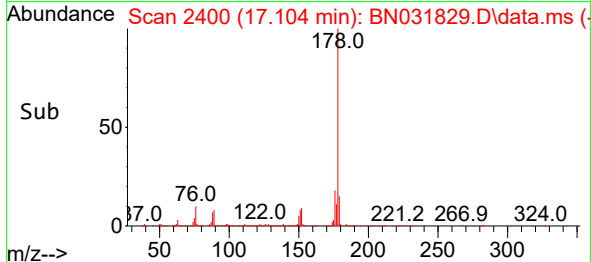


#72
Phenanthrene
Concen: 8.193 ng/u1
RT: 17.104 min Scan# 2400
Delta R.T. -0.012 min
Lab File: BN031829.D
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Instrument :
BNA_N
ClientSampleId :

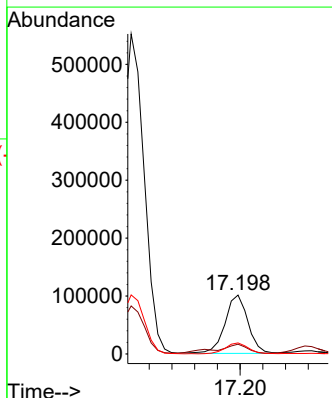
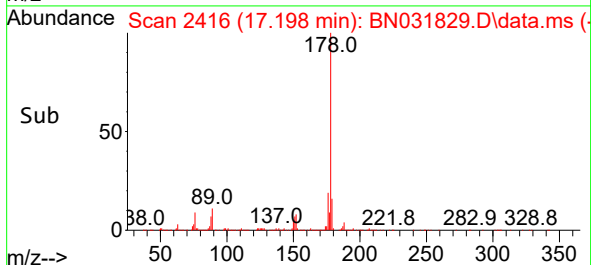
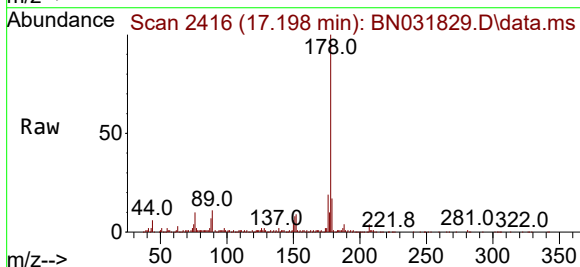


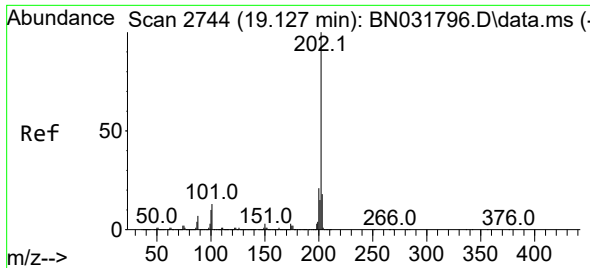
Tgt Ion:178 Resp: 760042
Ion Ratio Lower Upper
178 100
179 15.0 12.6 19.0
176 18.5 15.8 23.6



#74
Anthracene
Concen: 1.503 ng/u1
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BN031829.D
Acq: 06 Jun 2024 21:51

Tgt Ion:178 Resp: 141312
Ion Ratio Lower Upper
178 100
179 16.6 11.8 17.6
176 18.7 14.8 22.2

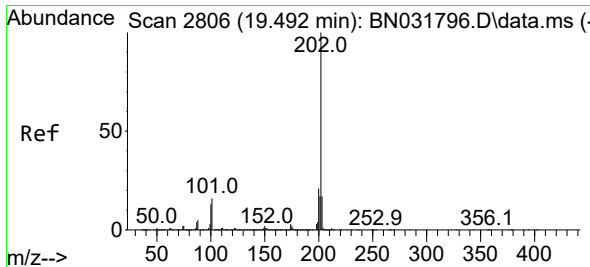
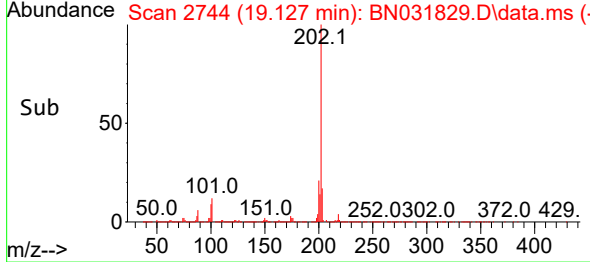
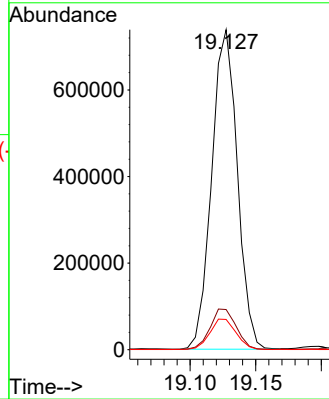
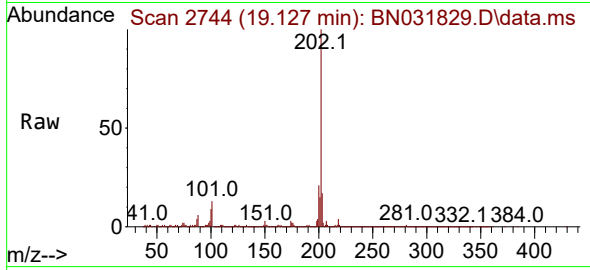




#80
Fluoranthene
Concen: 10.516 ng/ul
RT: 19.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031829.D
Acq: 06 Jun 2024 21:51

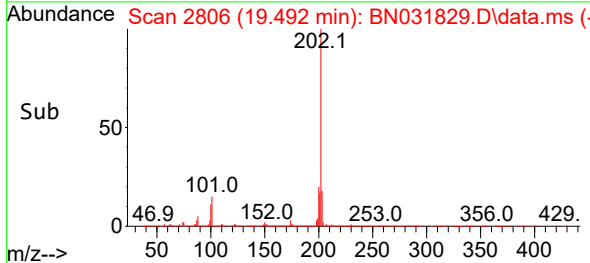
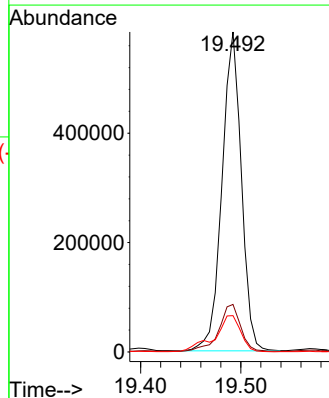
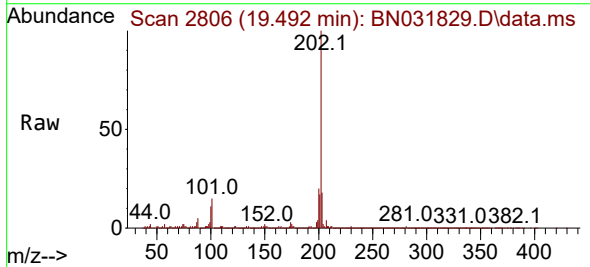
Instrument :
BNA_N
ClientSampleId :

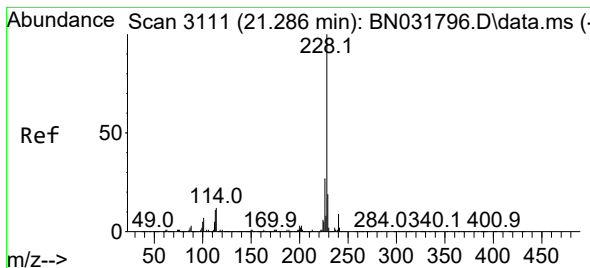
Tgt Ion:202 Resp: 1002756
Ion Ratio Lower Upper
202 100
101 12.6 10.3 15.5
100 9.5 8.0 12.0



#82
Pyrene
Concen: 7.974 ng/ul
RT: 19.492 min Scan# 2806
Delta R.T. -0.000 min
Lab File: BN031829.D
Acq: 06 Jun 2024 21:51

Tgt Ion:202 Resp: 780149
Ion Ratio Lower Upper
202 100
101 14.8 12.6 18.8
100 11.4 10.2 15.2





#85

Benzo(a)anthracene

Concen: 5.012 ng/ul

RT: 21.280 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BN031829.D

Acq: 06 Jun 2024 21:51

Instrument :

BNA_N

ClientSampleId :

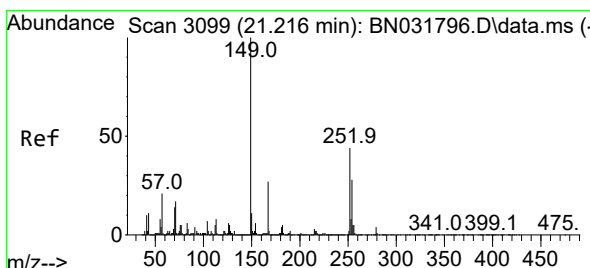
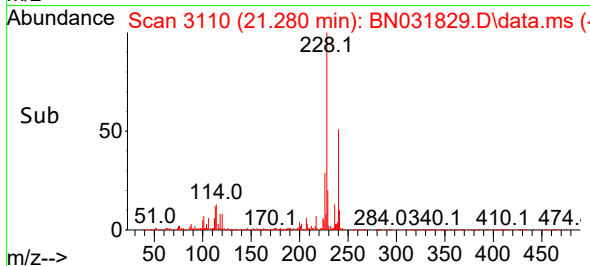
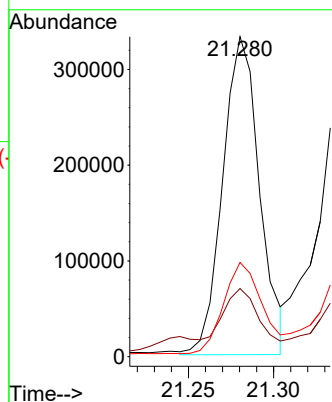
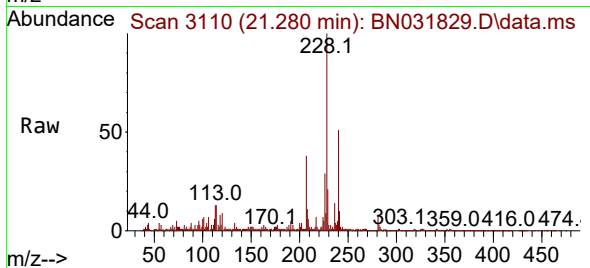
Tgt Ion:228 Resp: 500243

Ion Ratio Lower Upper

228 100

229 21.3 16.7 25.1

226 29.5 22.8 34.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.652 ng/ul

RT: 21.210 min Scan# 3098

Delta R.T. -0.012 min

Lab File: BN031829.D

Acq: 06 Jun 2024 21:51

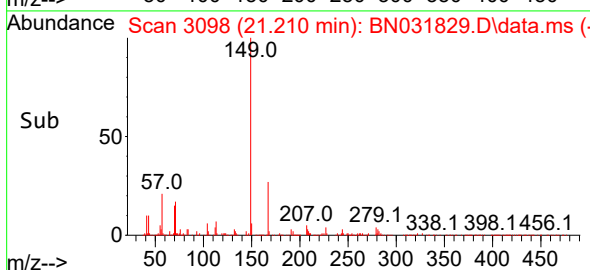
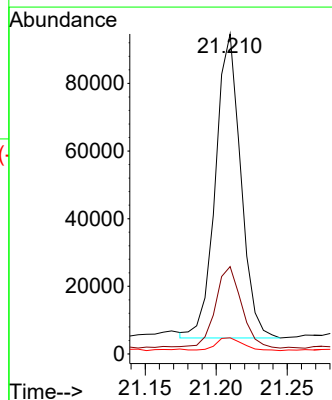
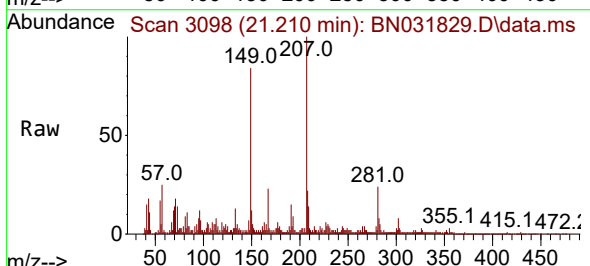
Tgt Ion:149 Resp: 111259

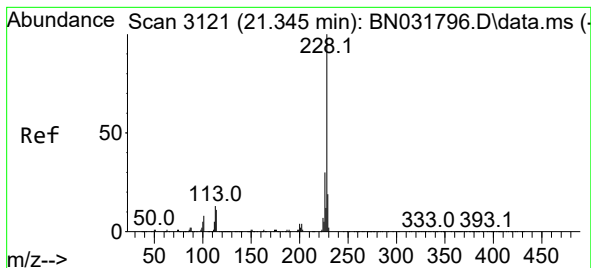
Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.0

279 5.0 3.3 4.9#





#87

Chrysene

Concen: 5.329 ng/ul

RT: 21.280 min Scan# 31

Delta R.T. -0.071 min

Lab File: BN031829.D

Acq: 06 Jun 2024 21:51

Instrument :

BNA_N

ClientSampleId :

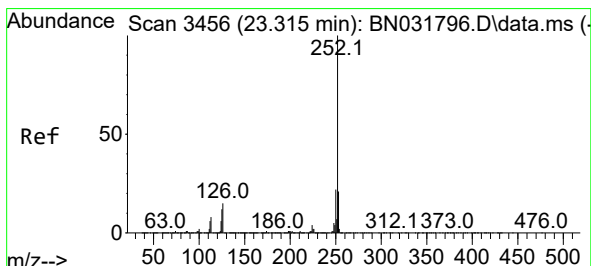
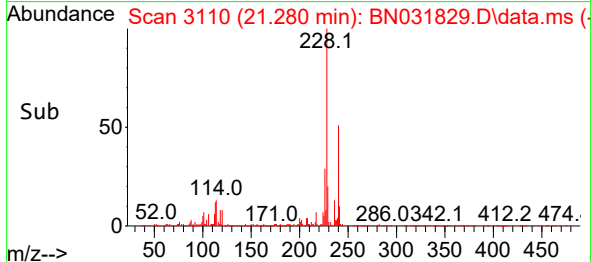
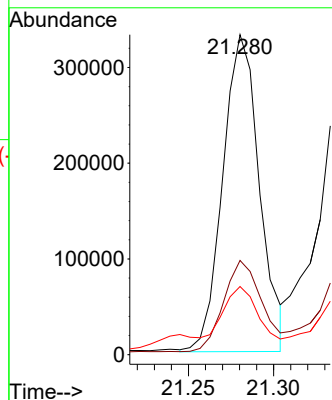
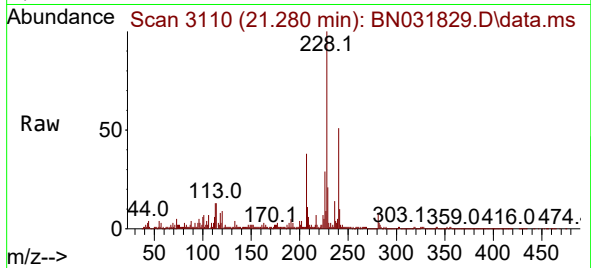
Tgt Ion:228 Resp: 496773

Ion Ratio Lower Upper

228 100

226 29.5 23.7 35.5

229 21.3 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 5.635 ng/ul

RT: 23.310 min Scan# 3455

Delta R.T. -0.000 min

Lab File: BN031829.D

Acq: 06 Jun 2024 21:51

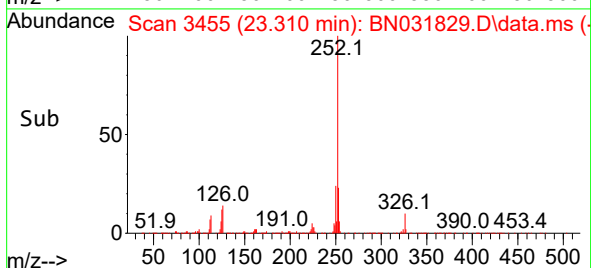
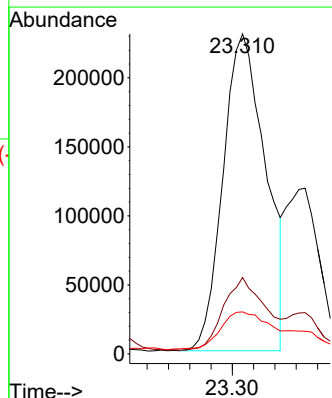
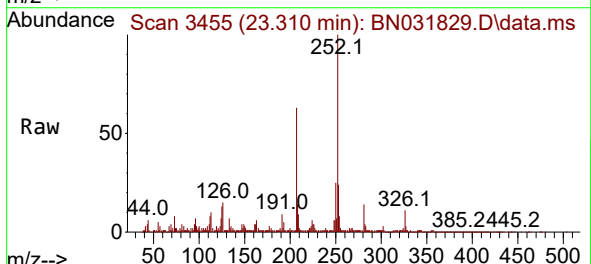
Tgt Ion:252 Resp: 637558

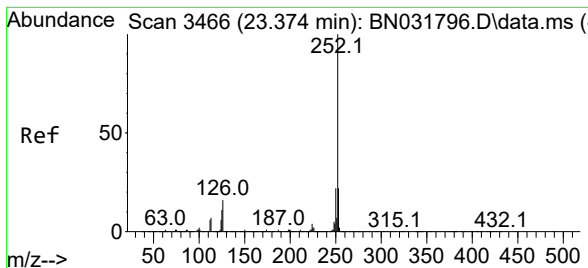
Ion Ratio Lower Upper

252 100

253 23.9 17.0 25.6

125 13.2 9.2 13.8





#91

Benzo(k)fluoranthene

Concen: 5.743 ng/ul

RT: 23.310 min Scan# 3466

Delta R.T. -0.065 min

Lab File: BN031829.D

Acq: 06 Jun 2024 21:51

Instrument :

BNA_N

ClientSampleId :

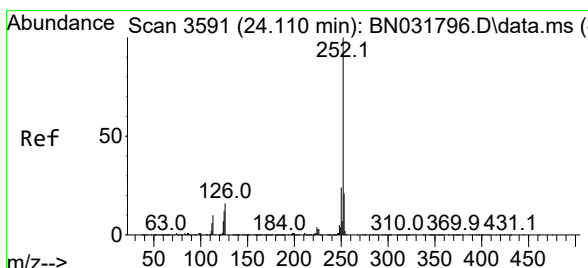
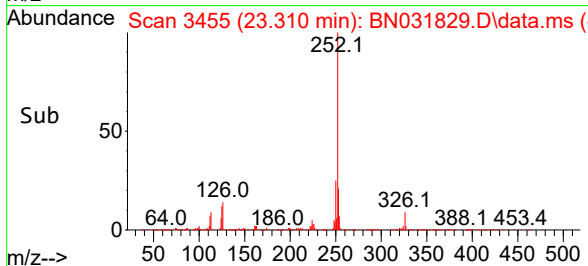
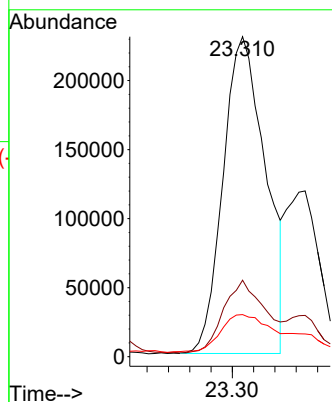
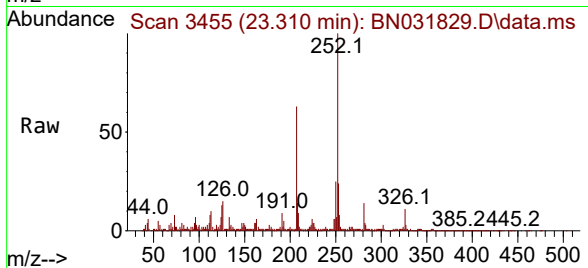
Tgt Ion:252 Resp: 637558

Ion Ratio Lower Upper

252 100

253 23.9 17.6 26.4

125 13.2 9.4 14.2



#93

Benzo(a)pyrene

Concen: 2.581 ng/ul

RT: 24.098 min Scan# 3589

Delta R.T. -0.006 min

Lab File: BN031829.D

Acq: 06 Jun 2024 21:51

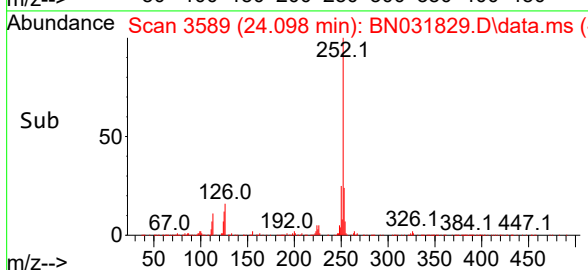
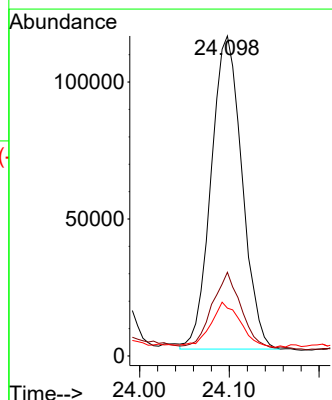
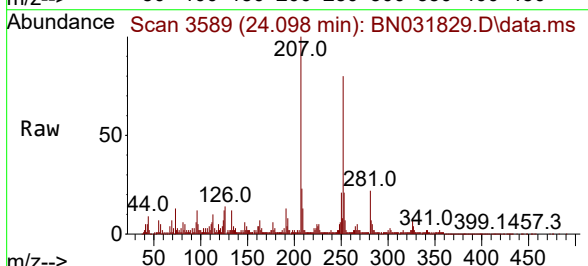
Tgt Ion:252 Resp: 273489

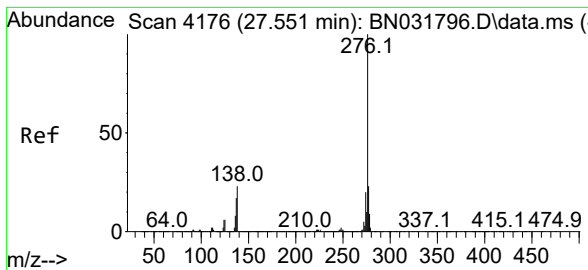
Ion Ratio Lower Upper

252 100

253 26.2 16.6 24.8#

125 14.9 9.8 14.8#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.978 ng/ul

RT: 27.539 min Scan# 41

Delta R.T. 0.006 min

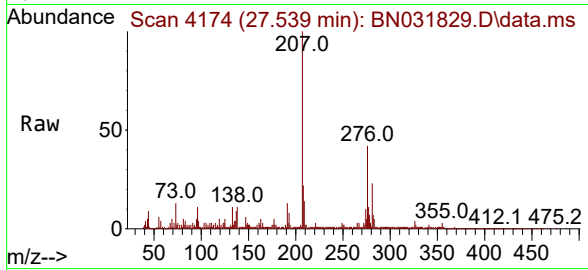
Lab File: BN031829.D

Acq: 06 Jun 2024 21:51

Instrument :

BNA_N

ClientSampleId :



Tgt Ion:276 Resp: 241578

Ion Ratio Lower Upper

276 100

138 25.3 18.1 27.1

277 26.5 18.2 27.2

