

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
 Data File : BN031630.D
 Acq On : 23 May 2024 13:33
 Operator : MA/JU
 Sample : P2547-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5P2

Quant Time: May 23 22:51:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 23:42:49 2024
 Response via : Initial Calibration

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

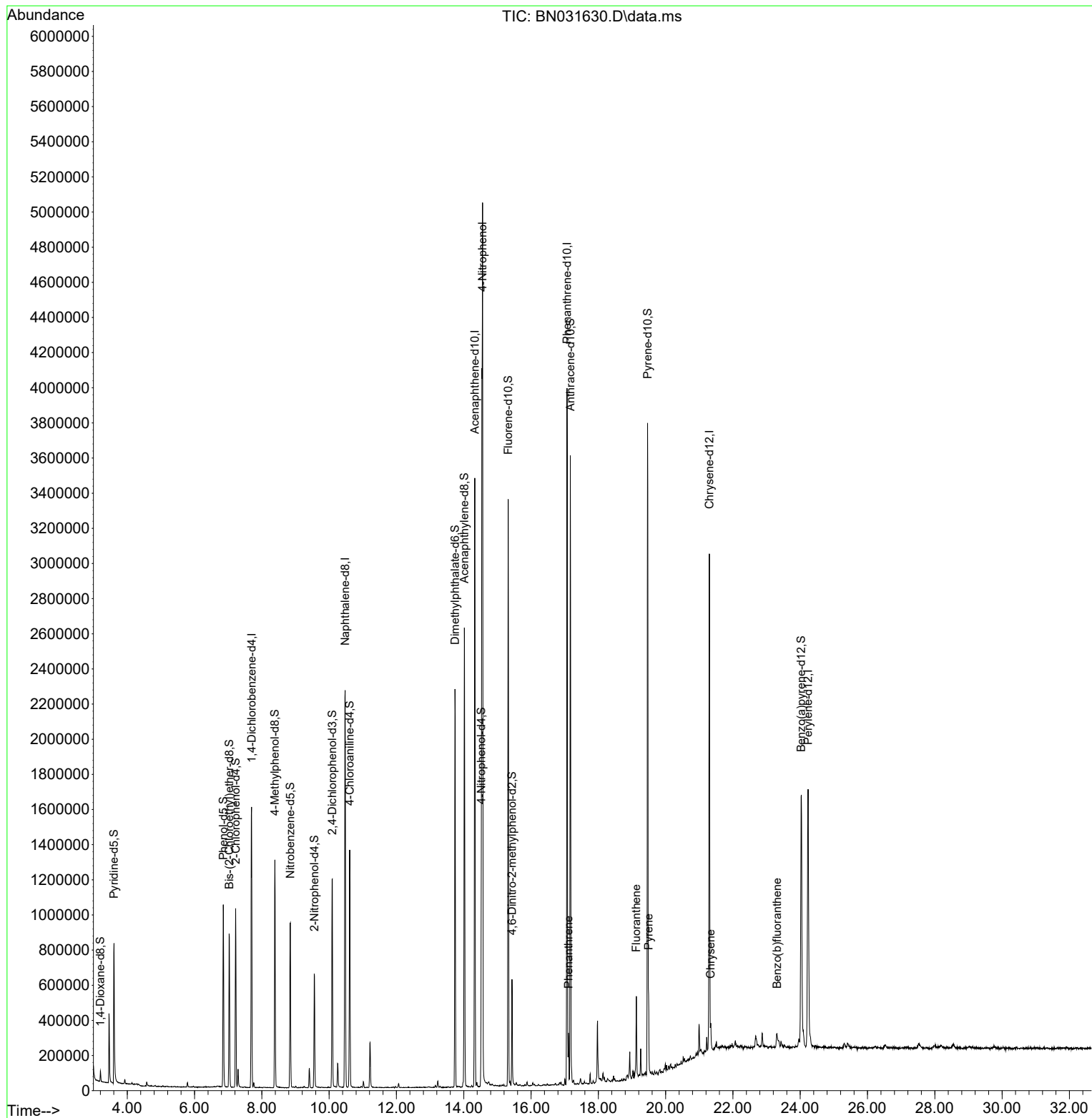
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	443124	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	1899736	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	1183358	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	2251680	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	1373126	20.000	ng/ul	0.00
88) Perylene-d12	24.233	264	1300598	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	31459	2.814	ng/uL	0.00
4) Pyridine-d5	3.605	84	466332	14.947	ng/ul	0.00
7) Phenol-d5	6.852	99	631323	17.307	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	384565	17.578	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	476931	16.968	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	483703	17.129	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	224927	15.644	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	206075	15.010	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	439273	16.364	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	695502	17.973	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	1491770	20.003	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	1695405	18.139	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	198087	14.038	ng/ul	0.00
60) Fluorene-d10	15.322	176	1266473	19.596	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	109632	11.262	ng/ul	0.00
73) Anthracene-d10	17.169	188	1908906	20.027	ng/ul	0.00
81) Pyrene-d10	19.463	212	1906613	22.137	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.027	264	1254731	20.495	ng/ul	-0.01
Target Compounds					Qvalue	
55) 4-Nitrophenol	14.557	109	100437	9.447	ng/ul#	1
72) Phenanthrene	17.110	178	164687	1.441	ng/ul	99
80) Fluoranthene	19.128	202	251342	2.361	ng/ul	99
82) Pyrene	19.492	202	229625	2.103	ng/ul	97
87) Chrysene	21.339	228	87674	1.028	ng/ul	96
90) Benzo(b)fluoranthene	23.310	252	83193	1.096	ng/ul#	96

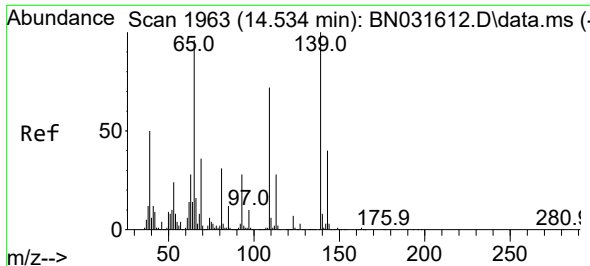
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 23:42:49 2024
Response via : Initial Calibration

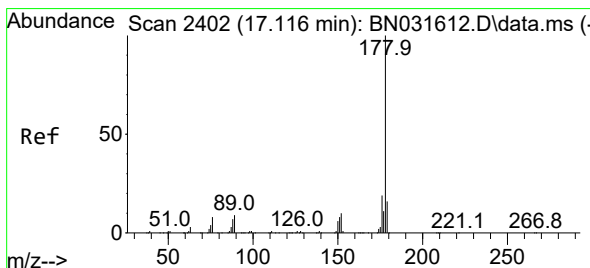
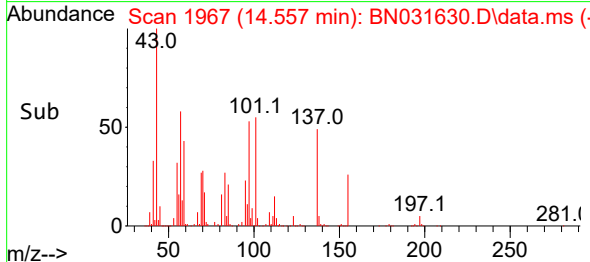
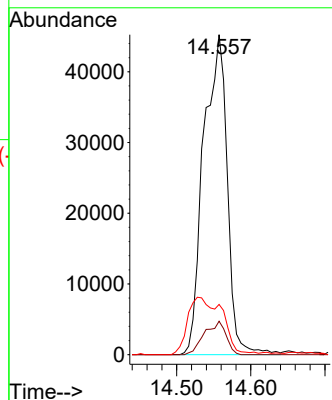
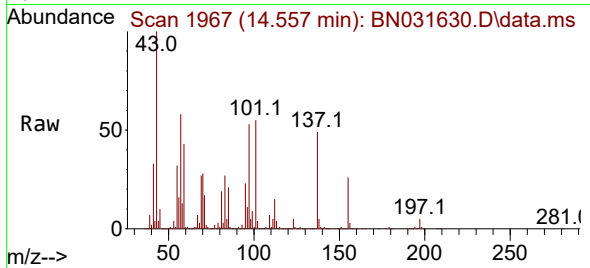




#55
4-Nitrophenol
Concen: 9.447 ng/ul
RT: 14.557 min Scan# 1967
Delta R.T. 0.018 min
Lab File: BN031630.D
Acq: 23 May 2024 13:33

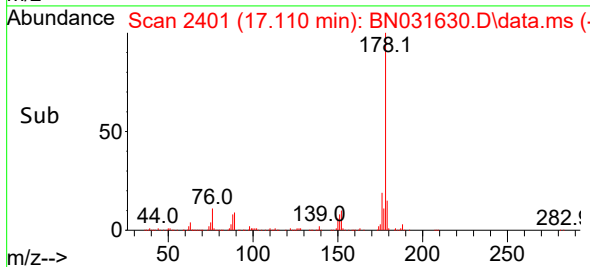
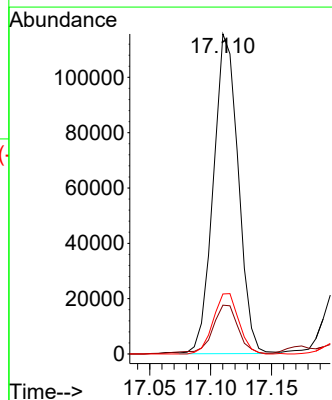
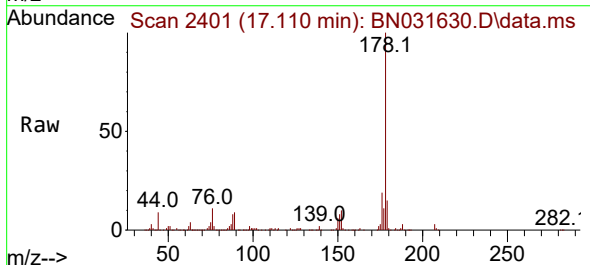
Instrument :
BNA_N
ClientSampleId :
BH5P2

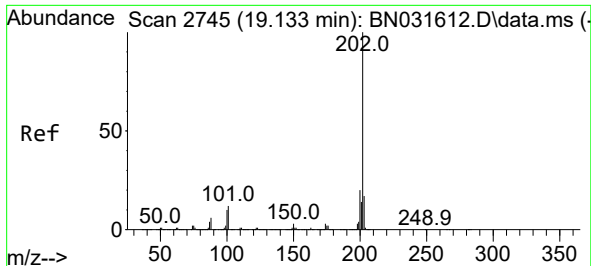
Tgt Ion:109 Resp: 100437
Ion Ratio Lower Upper
109 100
139 10.5 113.8 170.6#
65 15.7 101.1 151.7#



#72
Phenanthrene
Concen: 1.441 ng/ul
RT: 17.110 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BN031630.D
Acq: 23 May 2024 13:33

Tgt Ion:178 Resp: 164687
Ion Ratio Lower Upper
178 100
179 15.3 12.6 18.8
176 18.8 15.2 22.8

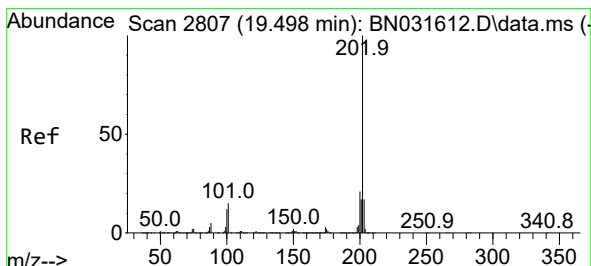
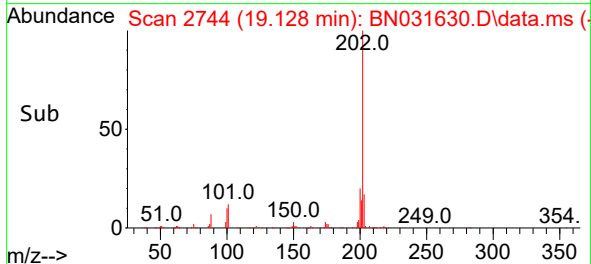
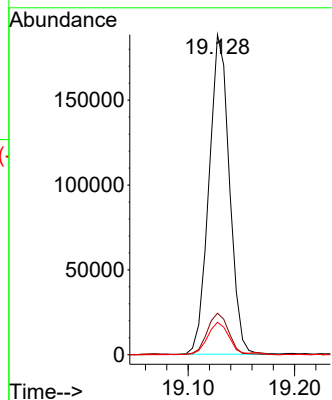
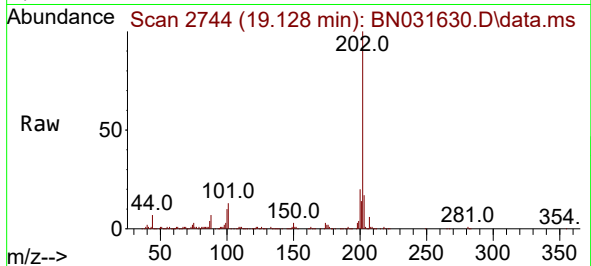




#80
Fluoranthene
Concen: 2.361 ng/ul
RT: 19.128 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031630.D
Acq: 23 May 2024 13:33

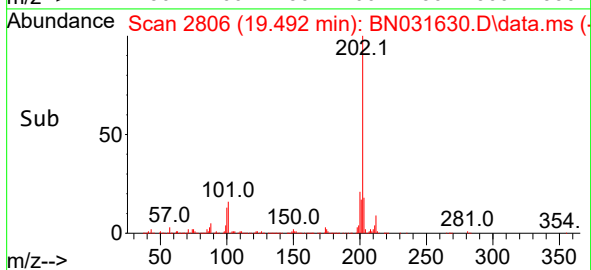
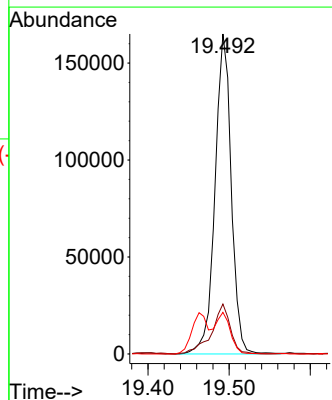
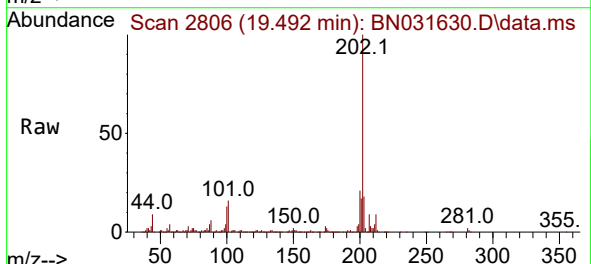
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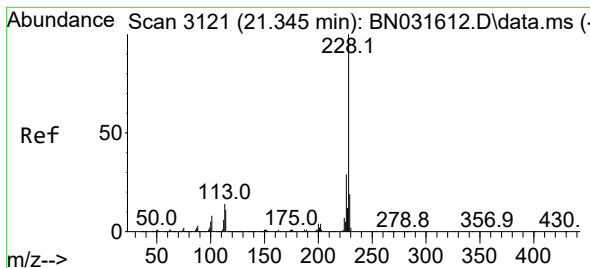
Tgt Ion:202 Resp: 251342
Ion Ratio Lower Upper
202 100
101 13.0 10.1 15.1
100 10.1 8.0 12.0



#82
Pyrene
Concen: 2.103 ng/ul
RT: 19.492 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BN031630.D
Acq: 23 May 2024 13:33

Tgt Ion:202 Resp: 229625
Ion Ratio Lower Upper
202 100
101 15.6 11.4 17.2
100 13.0 9.3 13.9





#87

Chrysene

Concen: 1.028 ng/ul

RT: 21.339 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BN031630.D

Acq: 23 May 2024 13:33

Instrument :

BNA_N

ClientSampleId :

BH5P2

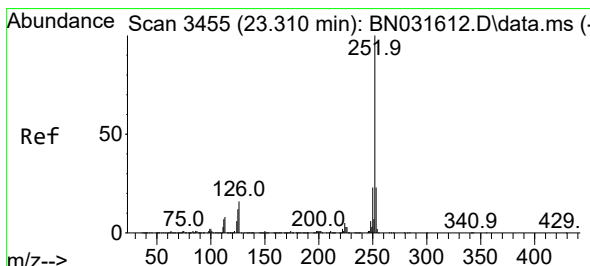
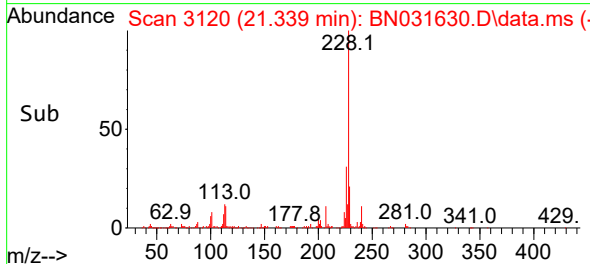
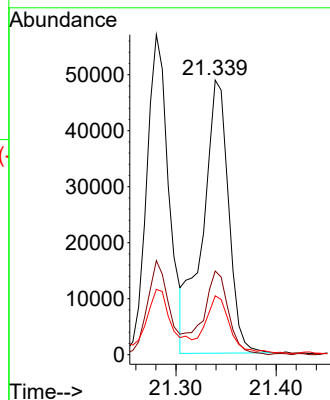
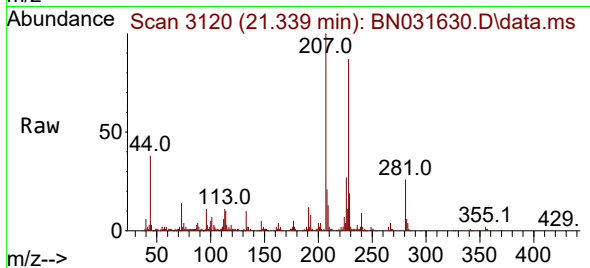
Tgt Ion:228 Resp: 87674

Ion Ratio Lower Upper

228 100

226 30.5 22.9 34.3

229 21.4 15.2 22.8



#90

Benzo(b)fluoranthene

Concen: 1.096 ng/ul

RT: 23.310 min Scan# 3455

Delta R.T. 0.000 min

Lab File: BN031630.D

Acq: 23 May 2024 13:33

Tgt Ion:252 Resp: 83193

Ion Ratio Lower Upper

252 100

253 20.5 16.8 25.2

125 15.0 9.3 13.9#

