

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
 Data File : BN031727.D
 Acq On : 30 May 2024 22:15
 Operator : MA/JU
 Sample : P2549-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH627

Quant Time: May 30 23:30:13 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)

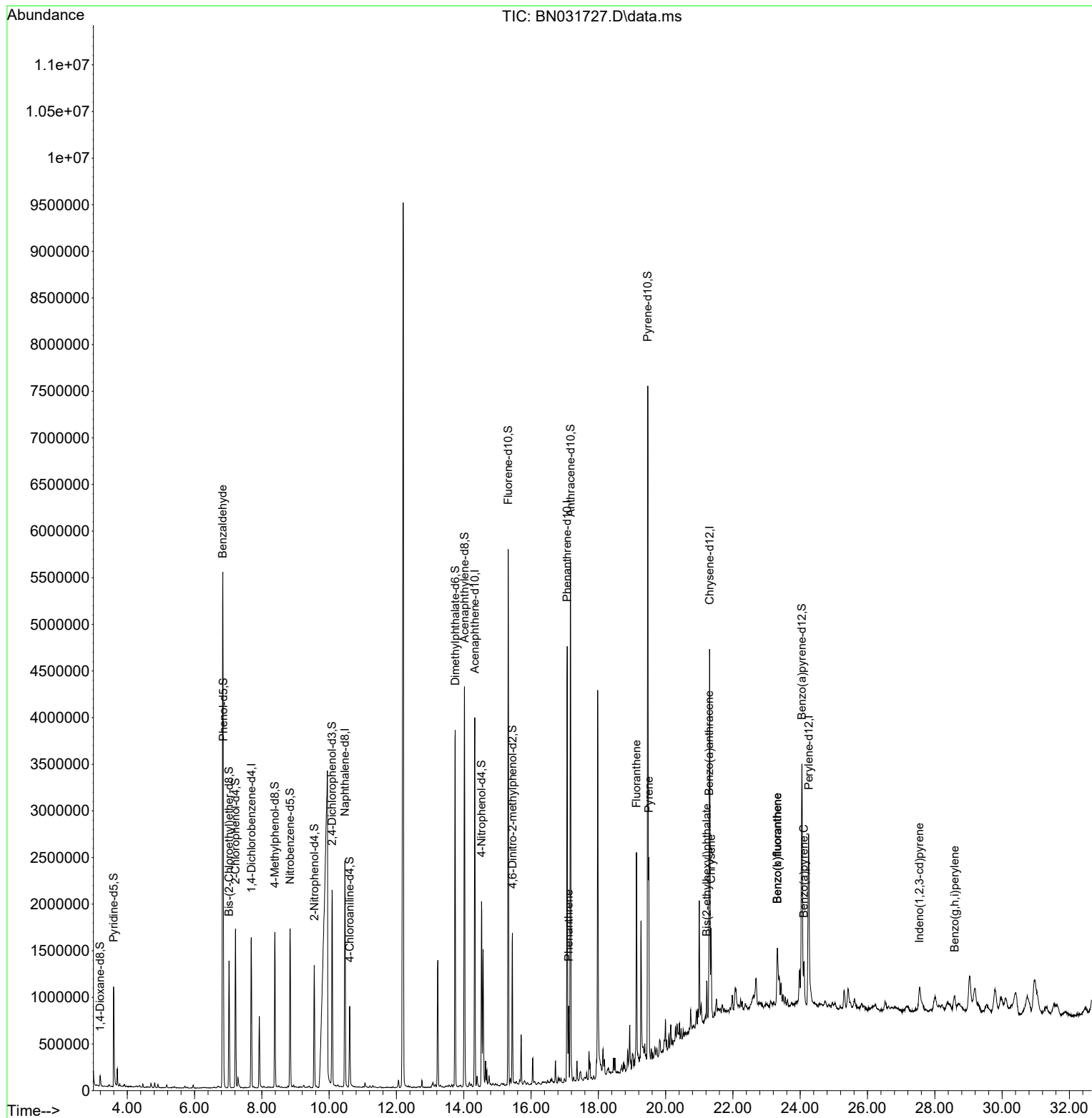
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	459191	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	2054287	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	1344942	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188	2728044	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1871121	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1652732	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	53166	4.790	ng/uL	0.00
4) Pyridine-d5	3.593	84	643574	20.598	ng/ul	0.00
7) Phenol-d5	6.852	99	992906	25.223	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	587252	25.504	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132	807446	26.882	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	656757	20.467	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	428209	27.262	ng/ul	0.00
24) 2-Nitrophenol-d4	9.558	143	457944	28.224	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	788273	26.024	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	526991	11.718	ng/ul	0.00
46) Dimethylphthalate-d6	13.746	166	2578895	27.524	ng/ul	0.00
49) Acenaphthylene-d8	14.022	160	2973390	27.599	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	498005	26.546	ng/ul	0.00
60) Fluorene-d10	15.322	176	2221849	28.026	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	338251	24.667	ng/ul	0.00
73) Anthracene-d10	17.175	188	3294146	28.205	ng/ul	0.00
81) Pyrene-d10	19.469	212	3595927	35.913	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.051	264	2354060	29.829	ng/ul	0.01
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.834	77	1766458	95.671	ng/ul	99
72) Phenanthrene	17.116	178	475544	3.422	ng/ul	97
80) Fluoranthene	19.134	202	1294507	10.818	ng/ul	99
82) Pyrene	19.498	202	1187843	9.675	ng/ul	99
85) Benzo(a)anthracene	21.292	228	554087	4.424	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.222	149	173346	2.051	ng/ul	95
87) Chrysene	21.351	228	589033	5.035	ng/ul	97
90) Benzo(b)fluoranthene	23.322	252	693098	7.016	ng/ul	98
91) Benzo(k)fluoranthene	23.322	252	693098	7.150	ng/ul	98
93) Benzo(a)pyrene	24.104	252	432400	4.673	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.545	276	305079	2.861	ng/ul#	94
96) Benzo(g,h,i)perylene	28.586	276	298338	3.520	ng/ul	97

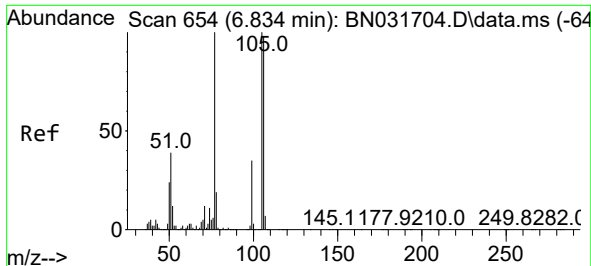
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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
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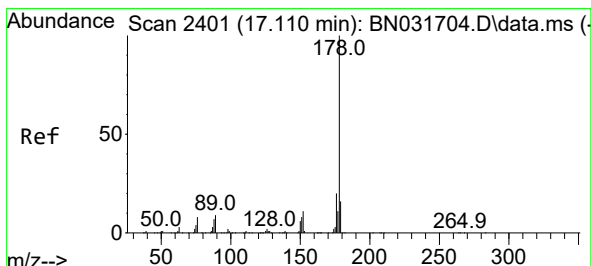
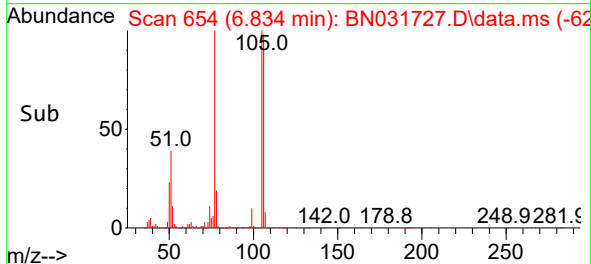
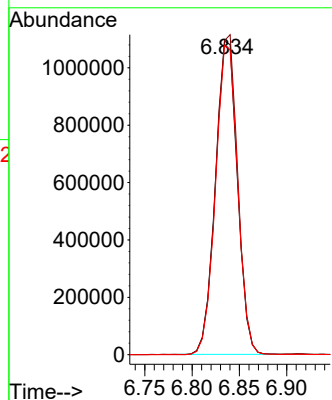
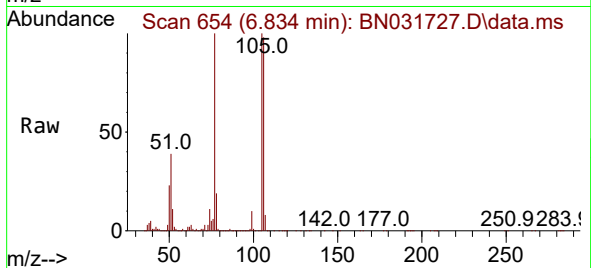




#6
Benzaldehyde
Concen: 95.671 ng/ul
RT: 6.834 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN031727.D
Acq: 30 May 2024 22:15

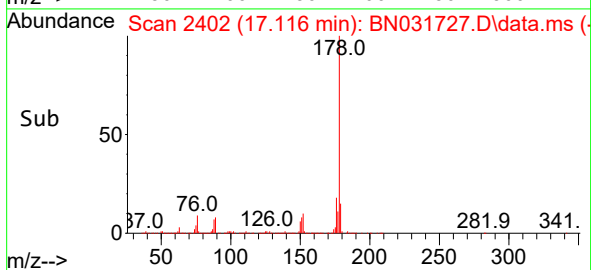
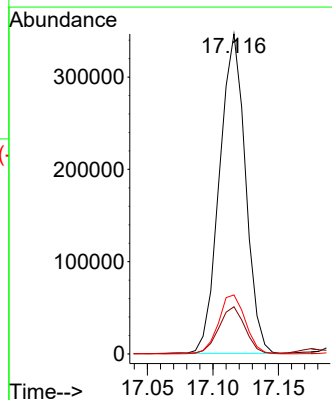
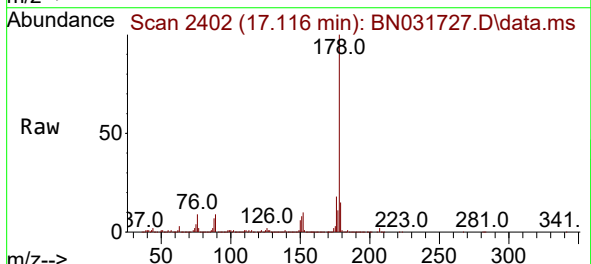
Instrument :
BNA_N
ClientSampleId :
BH627

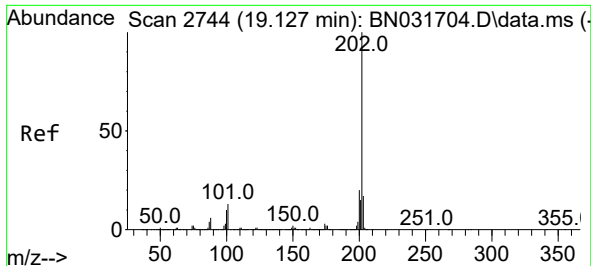
Tgt Ion: 77 Resp: 1766458
Ion Ratio Lower Upper
77 100
105 100.2 80.2 120.4
106 98.7 76.8 115.2



#72
Phenanthrene
Concen: 3.422 ng/ul
RT: 17.116 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN031727.D
Acq: 30 May 2024 22:15

Tgt Ion: 178 Resp: 475544
Ion Ratio Lower Upper
178 100
179 14.7 12.6 19.0
176 18.4 15.8 23.6

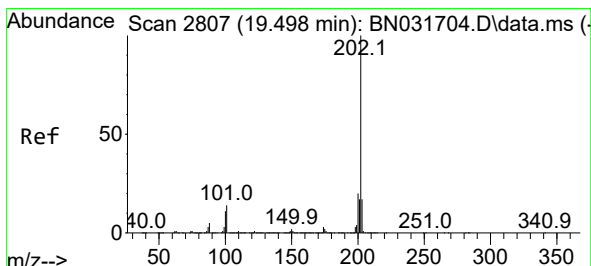
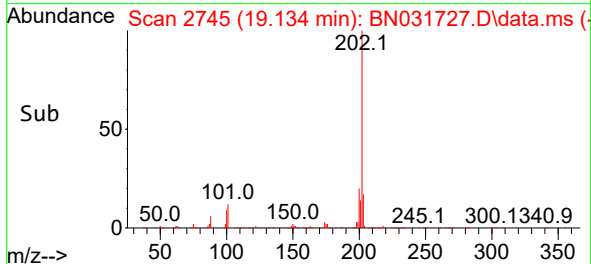
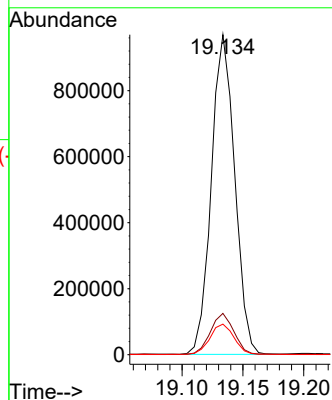
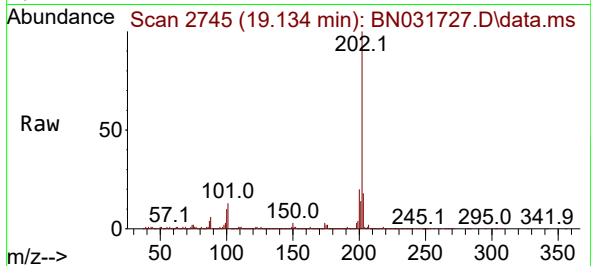




#80
Fluoranthene
Concen: 10.818 ng/ul
RT: 19.134 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN031727.D
Acq: 30 May 2024 22:15

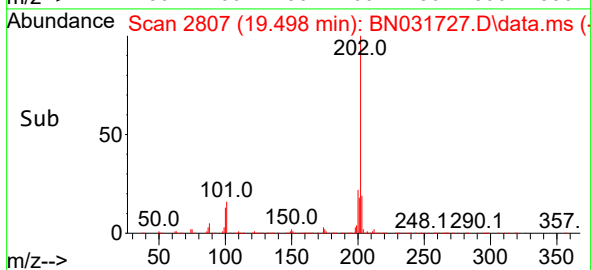
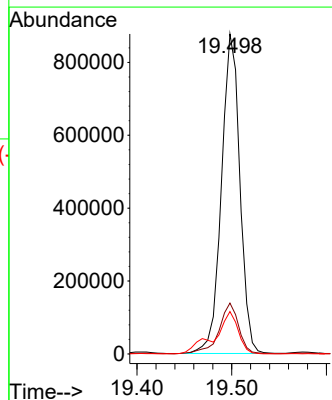
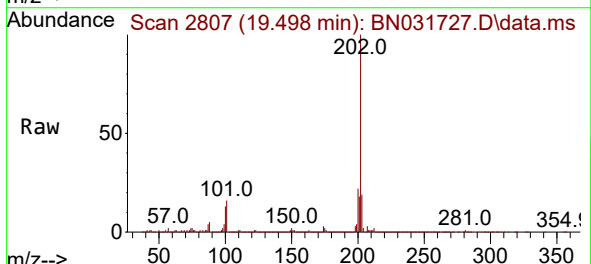
Instrument :
BNA_N
ClientSampleId :
BH627

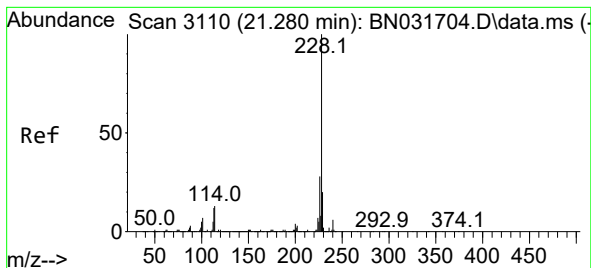
Tgt Ion:202 Resp: 1294507
Ion Ratio Lower Upper
202 100
101 12.9 10.3 15.5
100 9.6 8.0 12.0



#82
Pyrene
Concen: 9.675 ng/ul
RT: 19.498 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BN031727.D
Acq: 30 May 2024 22:15

Tgt Ion:202 Resp: 1187843
Ion Ratio Lower Upper
202 100
101 15.9 12.6 18.8
100 13.3 10.2 15.2





#85

Benzo(a)anthracene

Concen: 4.424 ng/ul

RT: 21.292 min Scan# 3110

Delta R.T. 0.006 min

Lab File: BN031727.D

Acq: 30 May 2024 22:15

Instrument :

BNA_N

ClientSampleId :

BH627

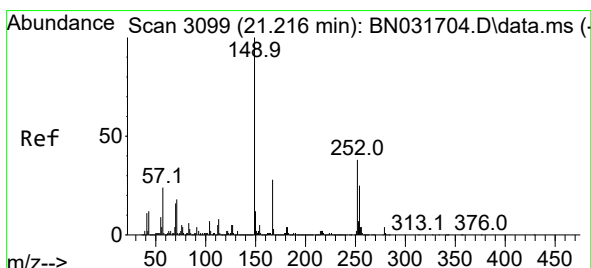
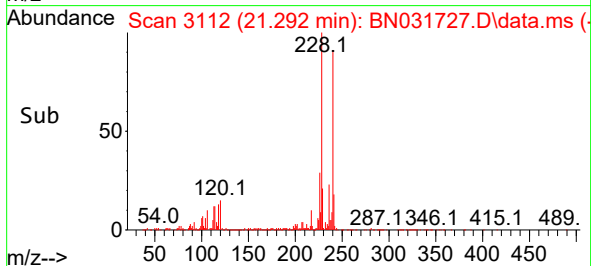
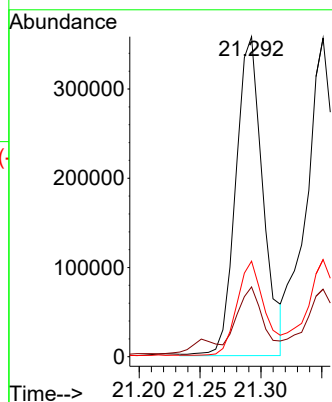
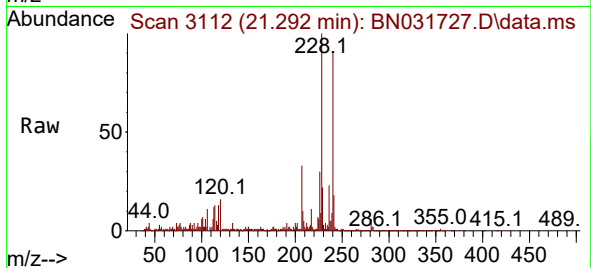
Tgt Ion:228 Resp: 554087

Ion Ratio Lower Upper

228 100

229 21.8 16.7 25.1

226 29.9 22.8 34.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.051 ng/ul

RT: 21.222 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BN031727.D

Acq: 30 May 2024 22:15

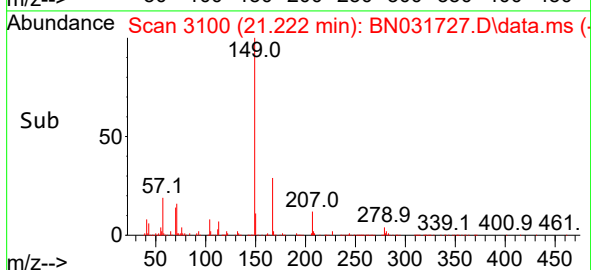
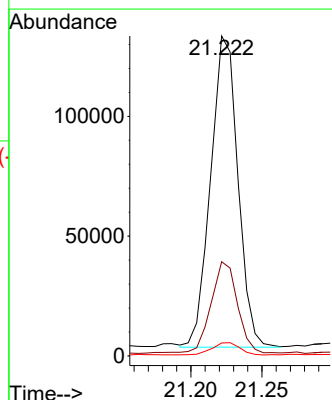
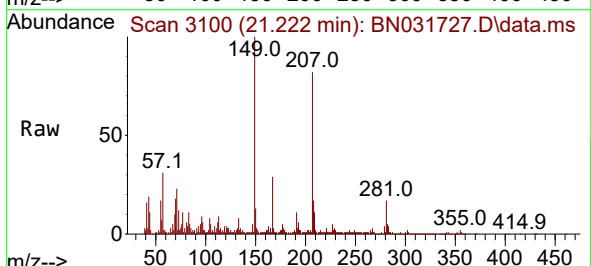
Tgt Ion:149 Resp: 173346

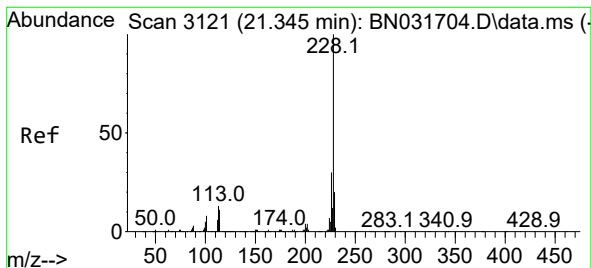
Ion Ratio Lower Upper

149 100

167 29.4 21.4 32.0

279 4.0 3.3 4.9





#87

Chrysene

Concen: 5.035 ng/ul

RT: 21.351 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BN031727.D

Acq: 30 May 2024 22:15

Instrument :

BNA_N

ClientSampleId :

BH627

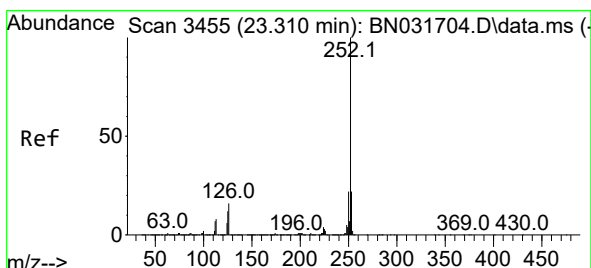
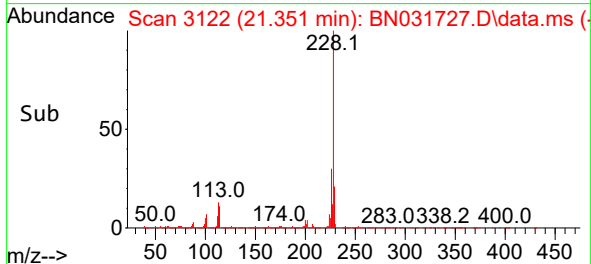
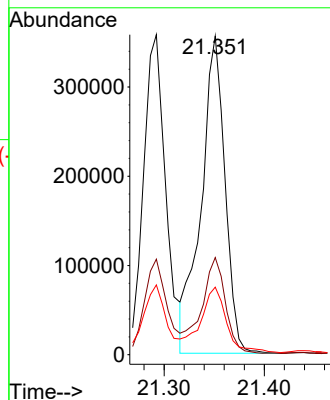
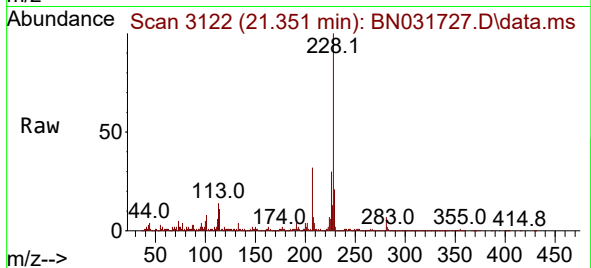
Tgt Ion:228 Resp: 589033

Ion Ratio Lower Upper

228 100

226 30.5 23.7 35.5

229 21.2 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 7.016 ng/ul

RT: 23.322 min Scan# 3457

Delta R.T. 0.012 min

Lab File: BN031727.D

Acq: 30 May 2024 22:15

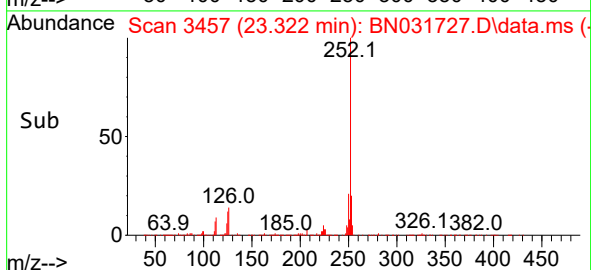
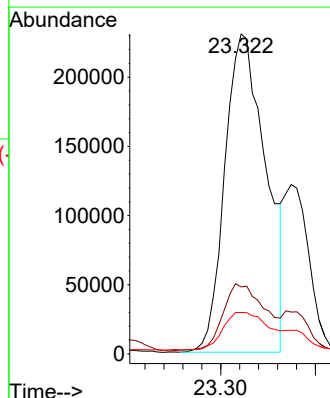
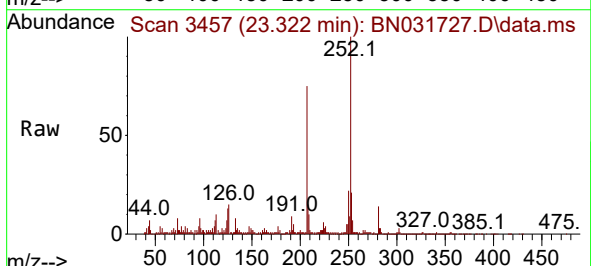
Tgt Ion:252 Resp: 693098

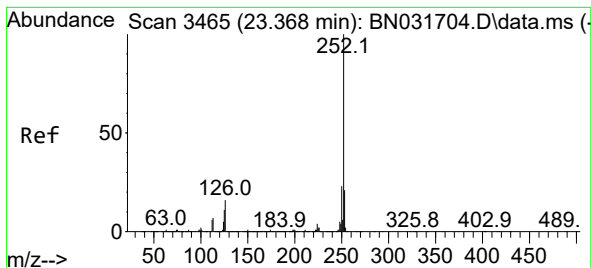
Ion Ratio Lower Upper

252 100

253 20.9 17.0 25.6

125 13.0 9.2 13.8





#91

Benzo(k)fluoranthene

Concen: 7.150 ng/ul

RT: 23.322 min Scan# 3465

Delta R.T. -0.053 min

Lab File: BN031727.D

Acq: 30 May 2024 22:15

Instrument :

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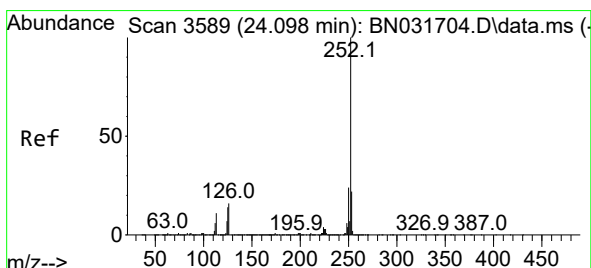
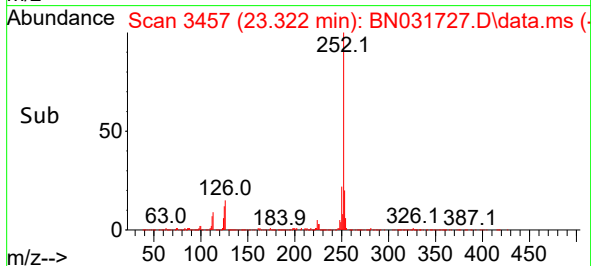
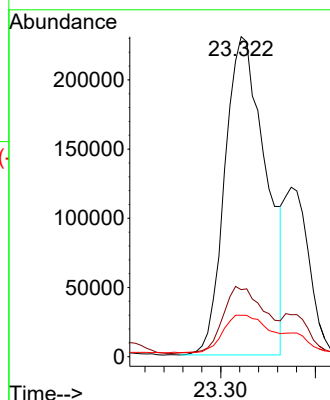
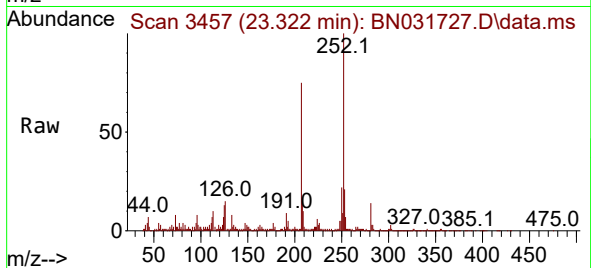
Tgt Ion:252 Resp: 693098

Ion Ratio Lower Upper

252 100

253 20.9 17.6 26.4

125 13.0 9.4 14.2



#93

Benzo(a)pyrene

Concen: 4.673 ng/ul

RT: 24.104 min Scan# 3590

Delta R.T. 0.000 min

Lab File: BN031727.D

Acq: 30 May 2024 22:15

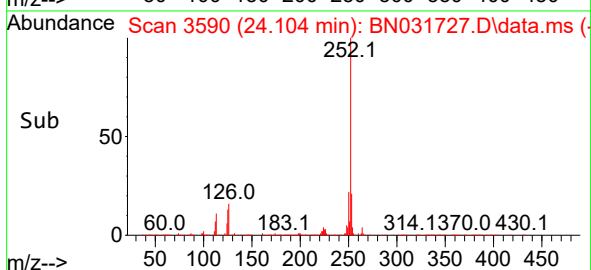
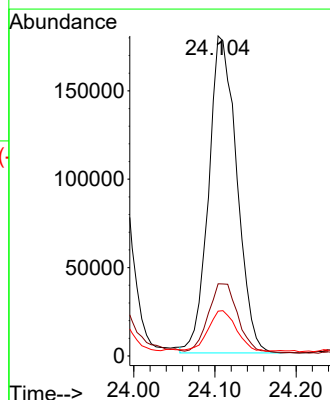
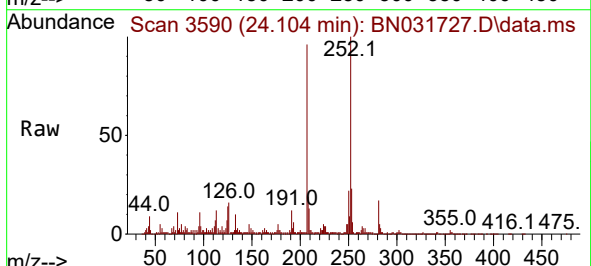
Tgt Ion:252 Resp: 432400

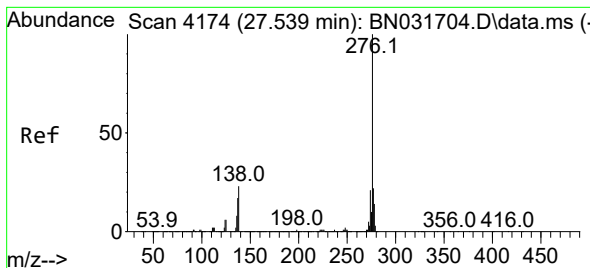
Ion Ratio Lower Upper

252 100

253 22.6 16.6 24.8

125 14.0 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.861 ng/ul

RT: 27.545 min Scan# 41

Delta R.T. 0.012 min

Lab File: BN031727.D

Acq: 30 May 2024 22:15

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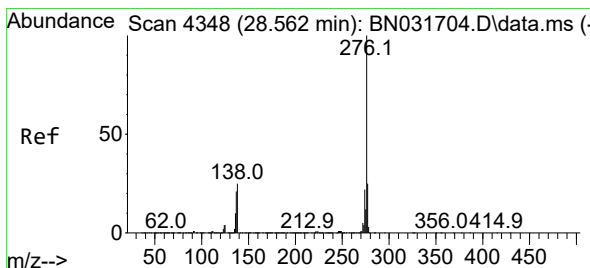
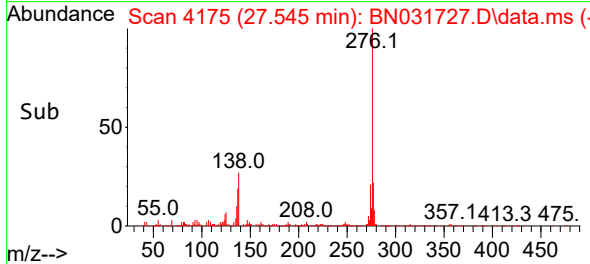
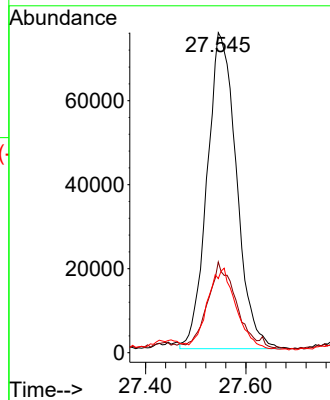
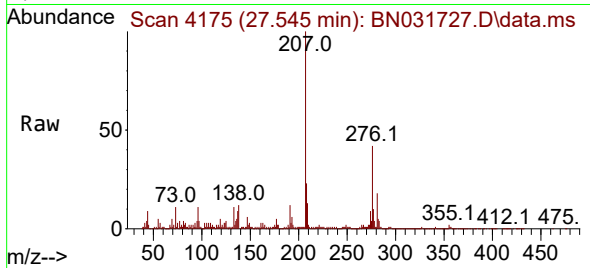
Tgt Ion:276 Resp: 305079

Ion Ratio Lower Upper

276 100

138 28.3 18.1 27.1#

277 23.1 18.2 27.2



#96

Benzo(g,h,i)perylene

Concen: 3.520 ng/ul

RT: 28.586 min Scan# 4352

Delta R.T. 0.018 min

Lab File: BN031727.D

Acq: 30 May 2024 22:15

Tgt Ion:276 Resp: 298338

Ion Ratio Lower Upper

276 100

138 26.2 20.9 31.3

277 25.1 18.0 27.0

