

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040424\
 Data File : BN030643.D
 Acq On : 04 Apr 2024 01:21
 Operator : MA/JU
 Sample : P1849-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E0LY9

Quant Time: Apr 04 01:55:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 12:24:07 2024
 Response via : Initial Calibration

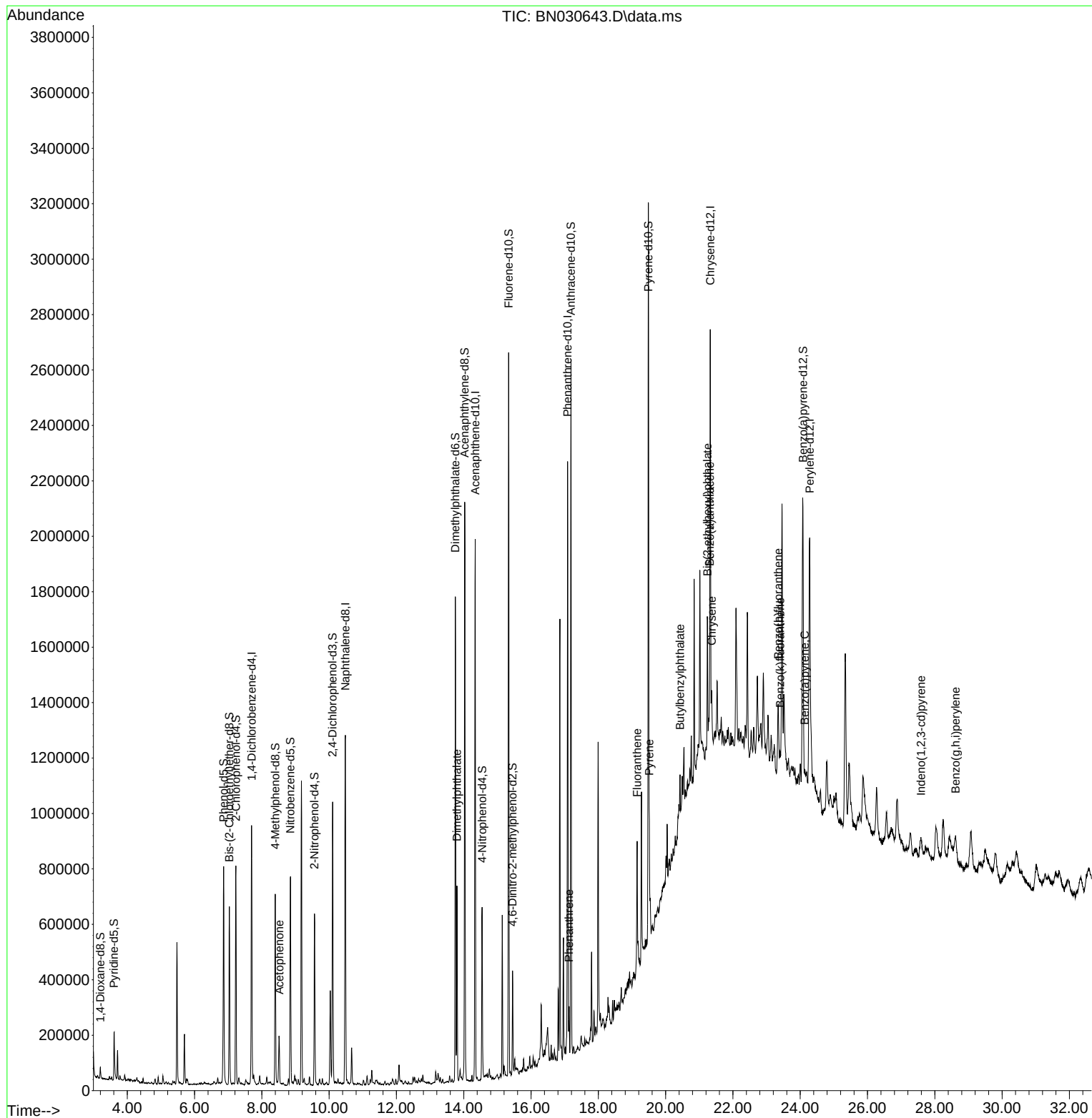
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	241322	20.000	ng/u1	0.00
20) Naphthalene-d8	10.481	136	1064135	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.340	164	665442	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.087	188	1227324	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	748909	20.000	ng/u1	0.00
88) Perylene-d12	24.280	264	800331	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	20778	4.037	ng/uL	0.00
4) Pyridine-d5	3.605	84	91012	5.897	ng/u1	0.00
7) Phenol-d5	6.864	99	437860	22.429	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	271474	22.515	ng/u1	0.00
11) 2-Chlorophenol-d4	7.228	132	371587	25.091	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	261260	15.968	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	193472	26.209	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	203572	30.145	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.105	165	375221	25.380	ng/u1	0.00
31) 4-Chloroaniline-d4	10.622	131	1643	0.068	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	1156772	26.037	ng/u1	0.00
49) Acenaphthylene-d8	14.028	160	1354037	26.507	ng/u1	0.00
54) 4-Nitrophenol-d4	14.545	143	150539	17.714	ng/u1	0.00
60) Fluorene-d10	15.334	176	1007379	25.911	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	71281	13.158	ng/u1	0.00
73) Anthracene-d10	17.187	188	1350578	25.540	ng/u1	0.00
81) Pyrene-d10	19.486	212	1365081	33.903	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.080	264	1009362	27.371	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.516	105	78337	3.033	ng/u1	99
47) Dimethylphthalate	13.798	163	444644	9.688	ng/u1	99
72) Phenanthrene	17.128	178	105326	1.670	ng/u1	99
80) Fluoranthene	19.151	202	239481	5.003	ng/u1	99
82) Pyrene	19.516	202	193917	3.836	ng/u1	99
83) Butylbenzylphthalate	20.428	149	40966	2.122	ng/u1#	96
85) Benzo(a)anthracene	21.310	228	78701	1.575	ng/u1#	89
86) Bis(2-ethylhexyl)phtha...	21.245	149	215973	7.586	ng/u1	99
87) Chrysene	21.369	228	115964	2.458	ng/u1	96
90) Benzo(b)fluoranthene	23.345	252	161894	3.437	ng/u1#	74
91) Benzo(k)fluoranthene	23.404	252	48143	1.006	ng/u1#	63
93) Benzo(a)pyrene	24.133	252	75448	1.696	ng/u1#	74
94) Indeno(1,2,3-cd)pyrene	27.592	276	83942	1.745	ng/u1#	87
96) Benzo(g,h,i)perylene	28.621	276	91650	2.427	ng/u1	92

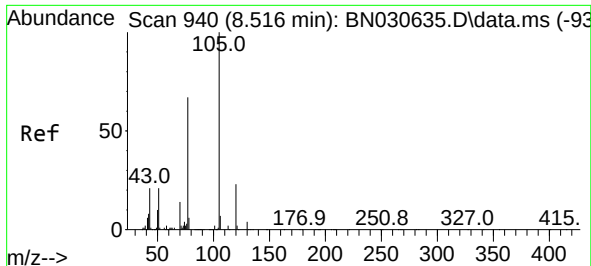
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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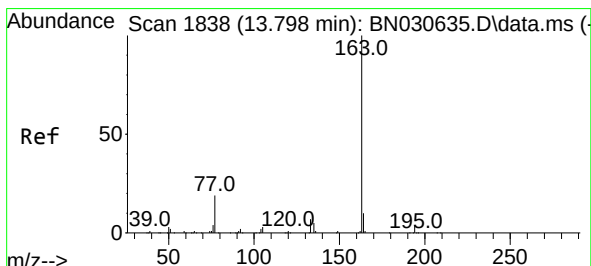
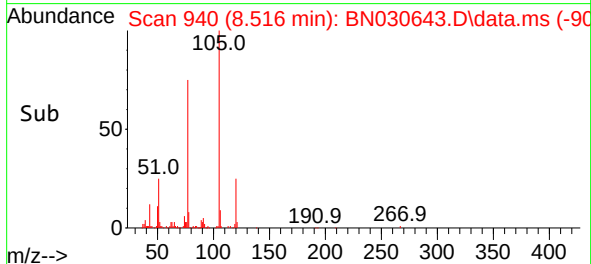
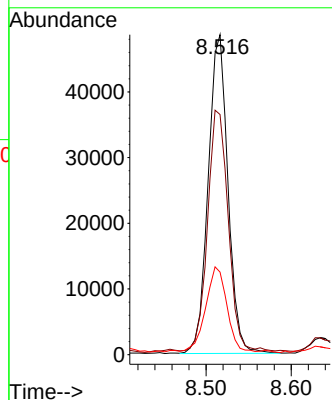
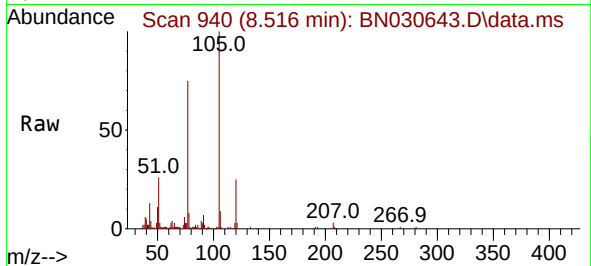




#16
Acetophenone
Concen: 3.033 ng/ul
RT: 8.516 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN030643.D
Acq: 04 Apr 2024 01:21

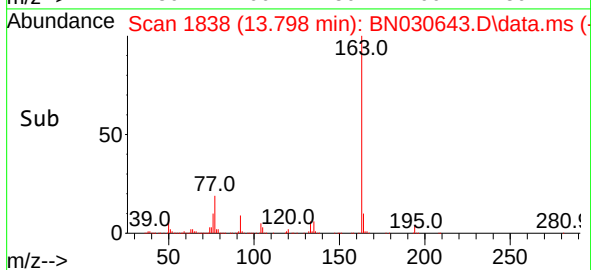
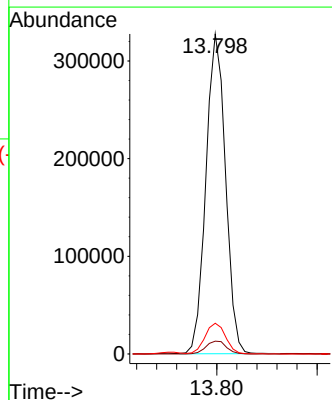
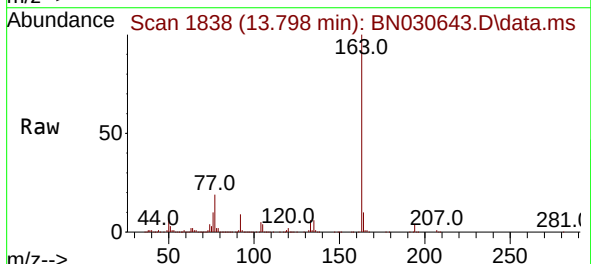
Instrument :
BNA_N
ClientSampleId :
EOLY9

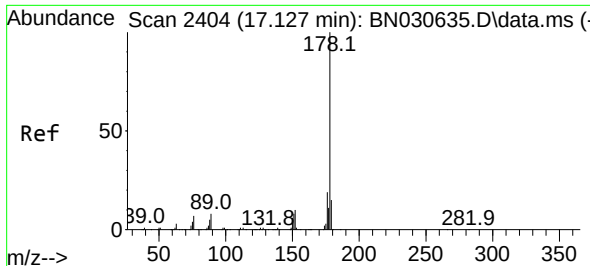
Tgt Ion:105 Resp: 78337
Ion Ratio Lower Upper
105 100
77 75.1 61.2 91.8
51 25.8 21.0 31.4



#47
Dimethylphthalate
Concen: 9.688 ng/ul
RT: 13.798 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BN030643.D
Acq: 04 Apr 2024 01:21

Tgt Ion:163 Resp: 444644
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.6 8.2 12.4

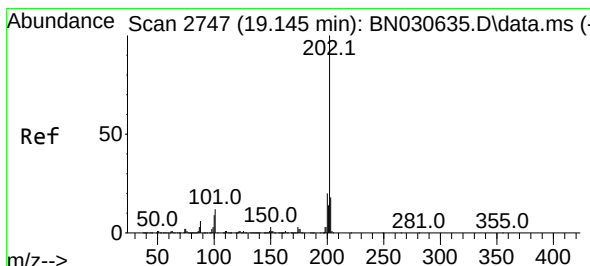
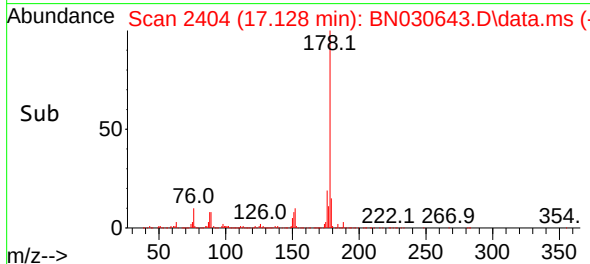
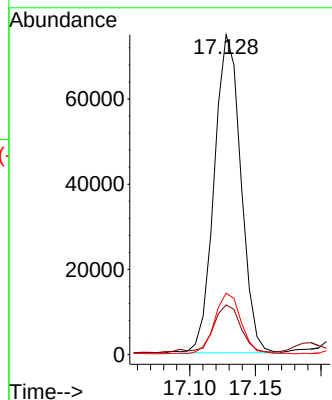
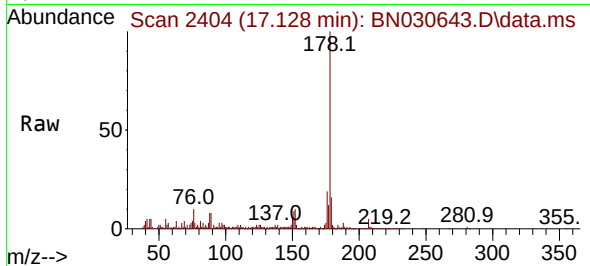




#72
Phenanthrene
Concen: 1.670 ng/ul
RT: 17.128 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BN030643.D
Acq: 04 Apr 2024 01:21

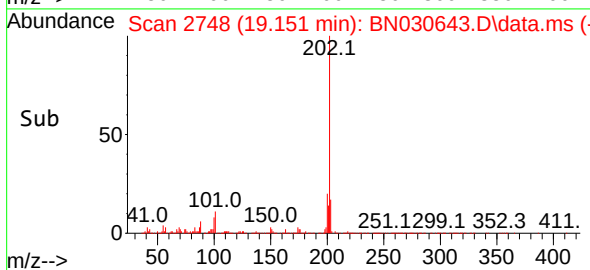
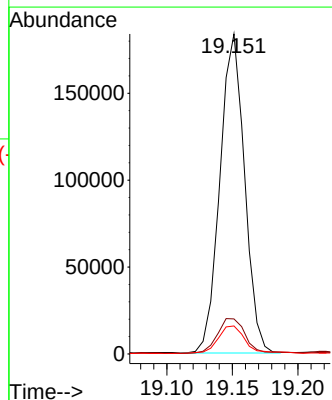
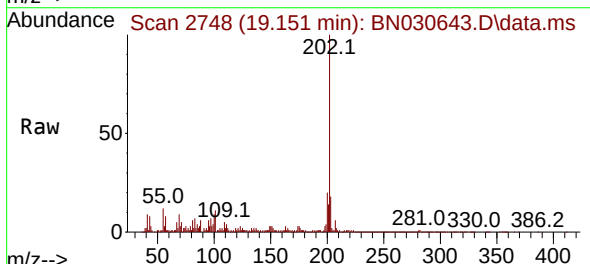
Instrument :
BNA_N
ClientSampleId :
EOLY9

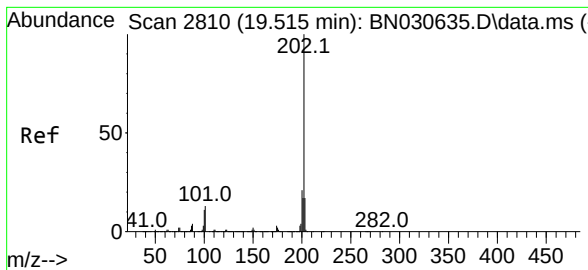
Tgt Ion:178 Resp: 105326
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 19.2 15.0 22.6



#80
Fluoranthene
Concen: 5.003 ng/ul
RT: 19.151 min Scan# 2748
Delta R.T. -0.000 min
Lab File: BN030643.D
Acq: 04 Apr 2024 01:21

Tgt Ion:202 Resp: 239481
Ion Ratio Lower Upper
202 100
101 11.0 9.0 13.6
100 8.7 6.8 10.2





#82

Pyrene

Concen: 3.836 ng/ul

RT: 19.516 min Scan# 2810

Delta R.T. -0.000 min

Lab File: BN030643.D

Acq: 04 Apr 2024 01:21

Instrument :

BNA_N

ClientSampleId :

EOLY9

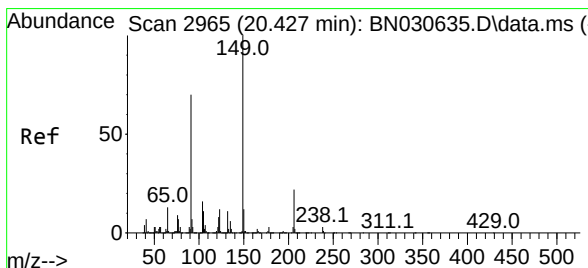
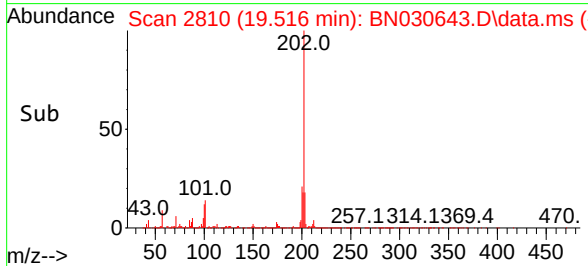
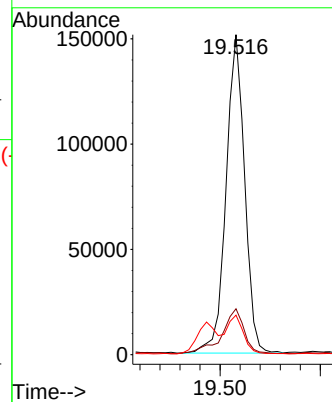
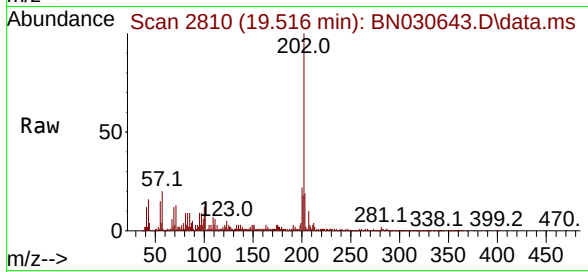
Tgt Ion:202 Resp: 193917

Ion Ratio Lower Upper

202 100

101 14.3 11.3 16.9

100 12.3 9.2 13.8



#83

Butylbenzylphthalate

Concen: 2.122 ng/ul

RT: 20.428 min Scan# 2965

Delta R.T. -0.006 min

Lab File: BN030643.D

Acq: 04 Apr 2024 01:21

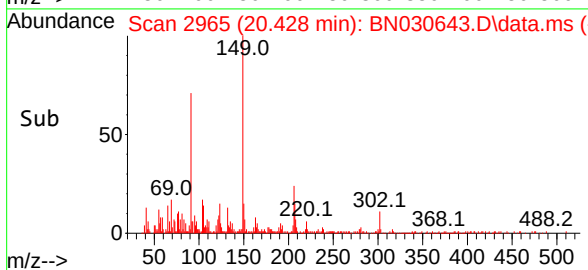
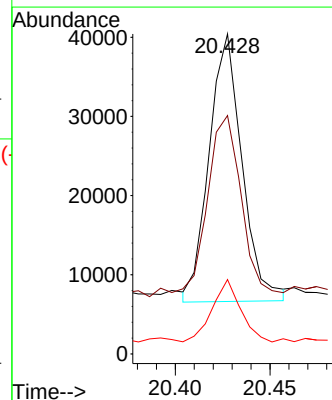
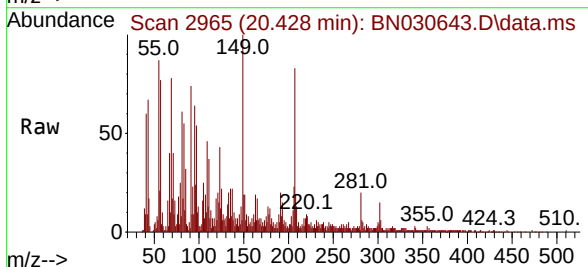
Tgt Ion:149 Resp: 40966

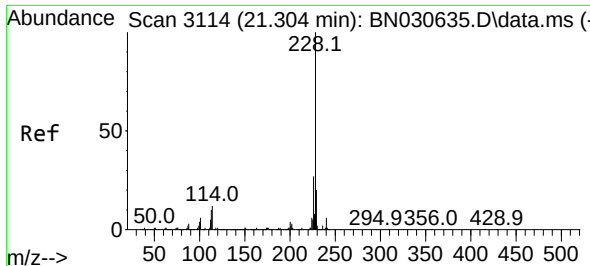
Ion Ratio Lower Upper

149 100

91 74.5 58.2 87.2

206 23.3 15.4 23.0#





#85

Benzo(a)anthracene

Concen: 1.575 ng/ul

RT: 21.310 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BN030643.D

Acq: 04 Apr 2024 01:21

Instrument :

BNA_N

ClientSampleId :

EOLY9

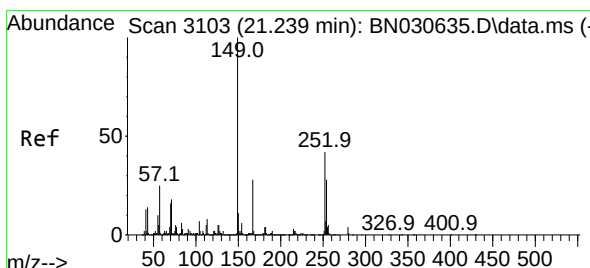
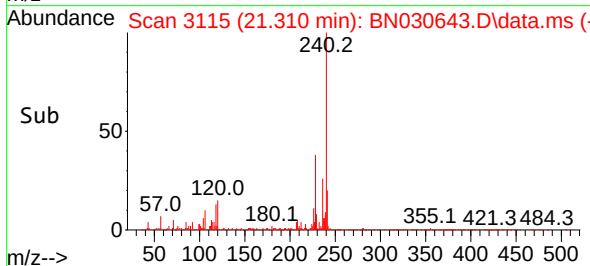
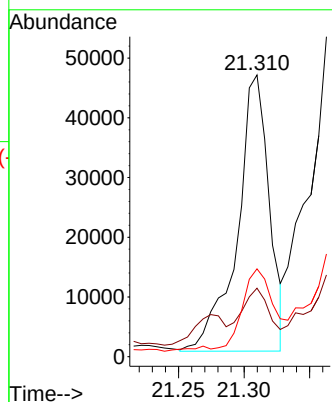
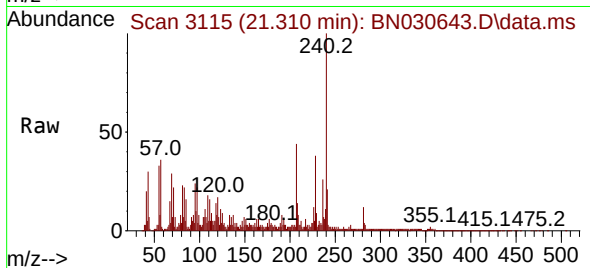
Tgt Ion:228 Resp: 78701

Ion Ratio Lower Upper

228 100

229 24.3 15.8 23.6#

226 31.2 20.5 30.7#



#86

Bis(2-ethylhexyl)phthalate

Concen: 7.586 ng/ul

RT: 21.245 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BN030643.D

Acq: 04 Apr 2024 01:21

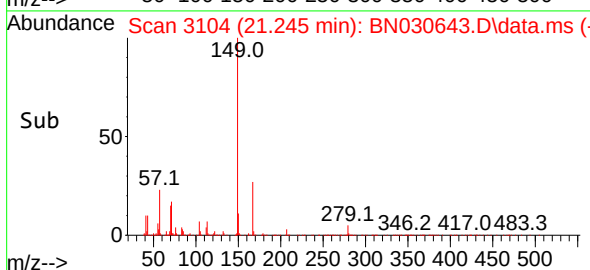
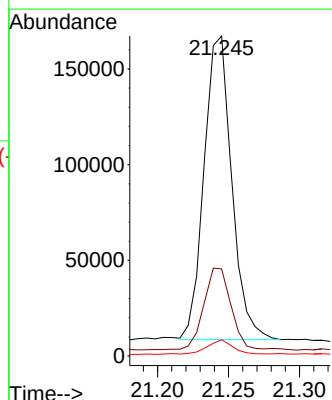
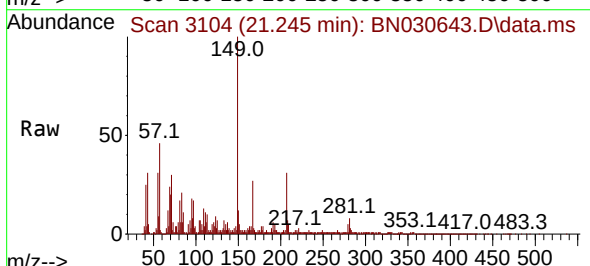
Tgt Ion:149 Resp: 215973

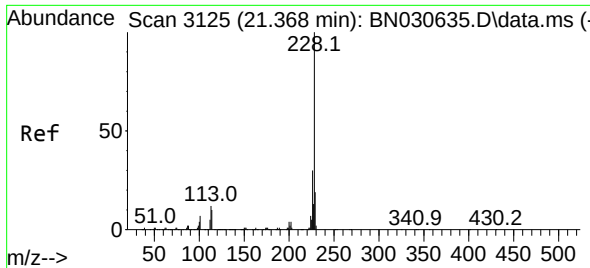
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 5.1 3.5 5.3





#87

Chrysene

Concen: 2.458 ng/ul

RT: 21.369 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BN030643.D

Acq: 04 Apr 2024 01:21

Instrument :

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ClientSampleId :

EOLY9

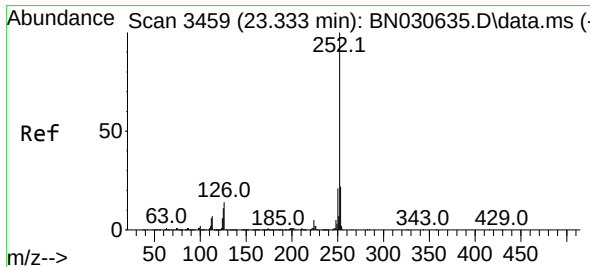
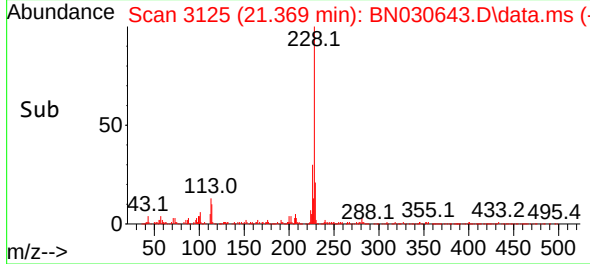
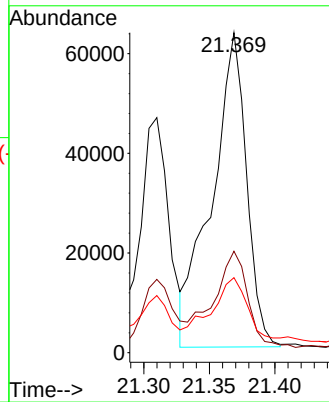
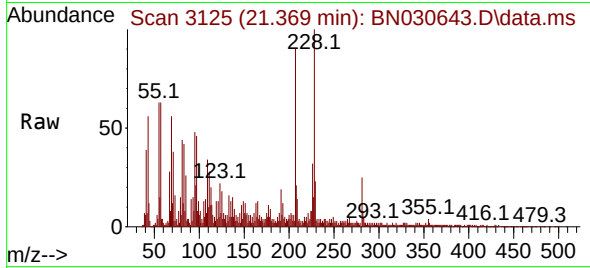
Tgt Ion:228 Resp: 115964

Ion Ratio Lower Upper

228 100

226 31.7 24.3 36.5

229 23.5 15.9 23.9



#90

Benzo(b)fluoranthene

Concen: 3.437 ng/ul

RT: 23.345 min Scan# 3461

Delta R.T. -0.000 min

Lab File: BN030643.D

Acq: 04 Apr 2024 01:21

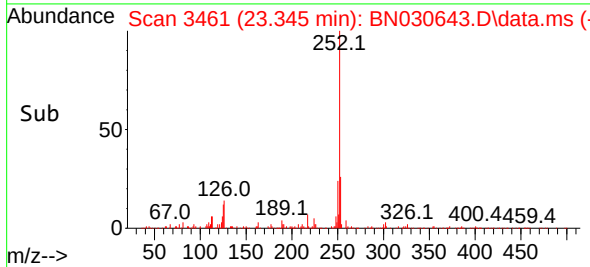
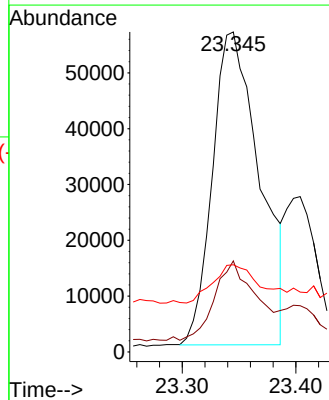
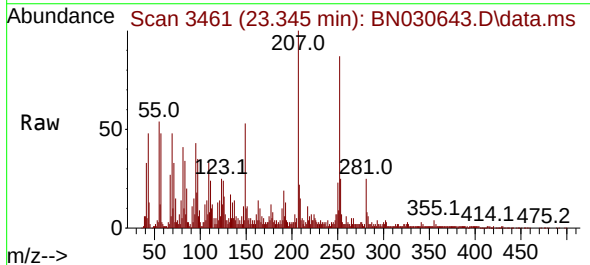
Tgt Ion:252 Resp: 161894

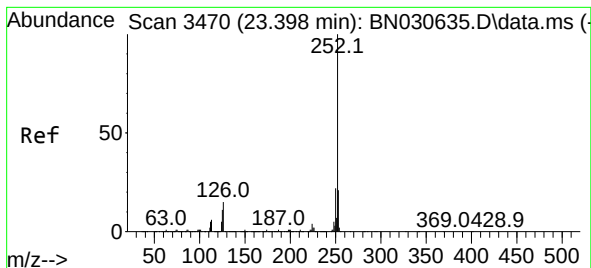
Ion Ratio Lower Upper

252 100

253 28.5 16.7 25.1#

125 27.3 8.5 12.7#





#91

Benzo(k)fluoranthene

Concen: 1.006 ng/ul

RT: 23.404 min Scan# 3470

Delta R.T. -0.000 min

Lab File: BN030643.D

Acq: 04 Apr 2024 01:21

Instrument :

BNA_N

ClientSampleId :

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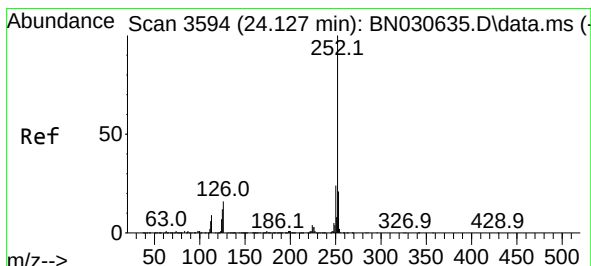
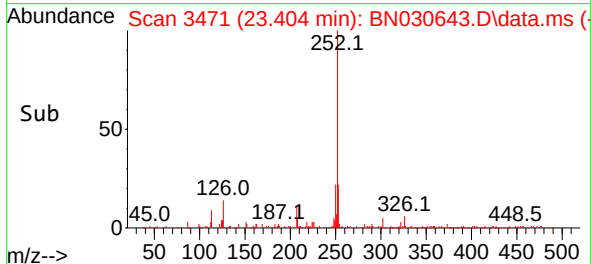
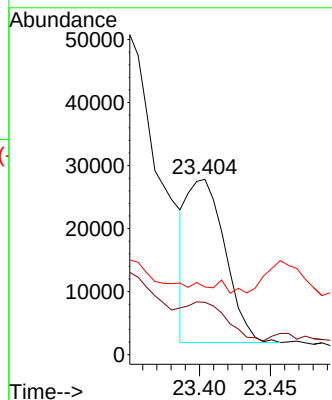
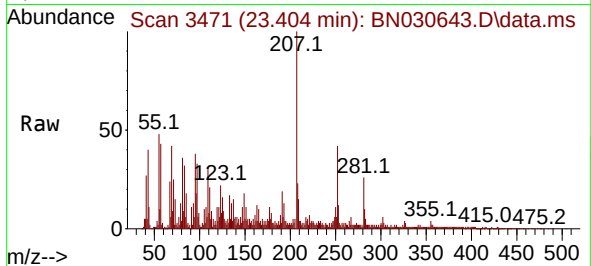
Tgt Ion:252 Resp: 48143

Ion Ratio Lower Upper

252 100

253 29.8 16.9 25.3#

125 38.6 8.5 12.7#



#93

Benzo(a)pyrene

Concen: 1.696 ng/ul

RT: 24.133 min Scan# 3595

Delta R.T. -0.006 min

Lab File: BN030643.D

Acq: 04 Apr 2024 01:21

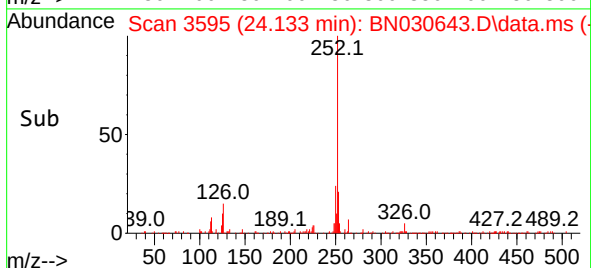
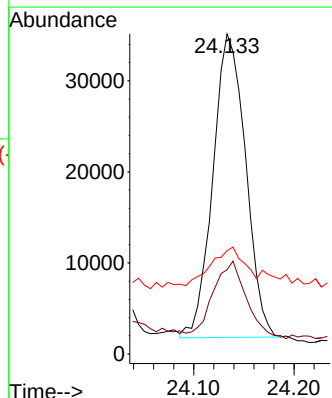
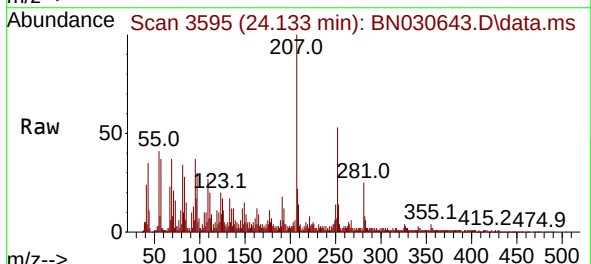
Tgt Ion:252 Resp: 75448

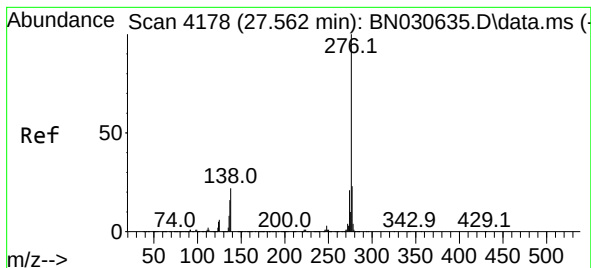
Ion Ratio Lower Upper

252 100

253 26.3 16.7 25.1#

125 32.3 9.6 14.4#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.745 ng/ul

RT: 27.592 min Scan# 4178

Delta R.T. 0.006 min

Lab File: BN030643.D

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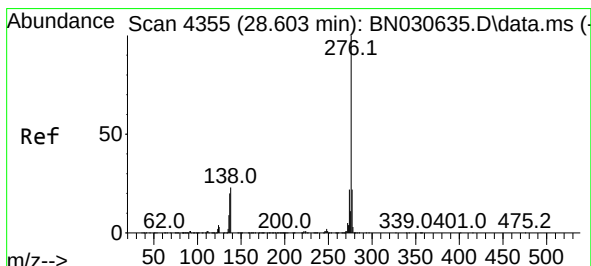
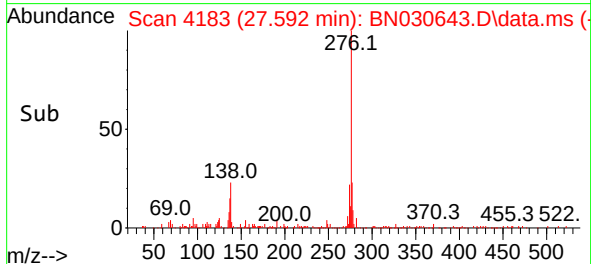
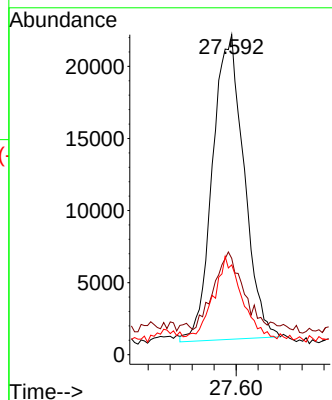
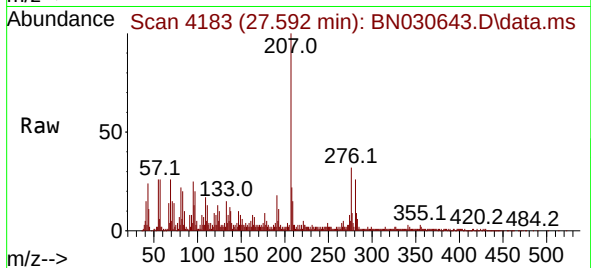
Tgt Ion:276 Resp: 83942

Ion Ratio Lower Upper

276 100

138 30.1 17.8 26.8#

277 28.0 18.4 27.6#



#96

Benzo(g,h,i)perylene

Concen: 2.427 ng/ul

RT: 28.621 min Scan# 4358

Delta R.T. 0.006 min

Lab File: BN030643.D

Acq: 04 Apr 2024 01:21

Tgt Ion:276 Resp: 91650

Ion Ratio Lower Upper

276 100

138 28.2 19.3 28.9

277 28.9 20.1 30.1

