

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
 Data File : BN024451.D
 Acq On : 21 Mar 2023 16:21
 Operator : CG/JU
 Sample : 01884-14
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 21 17:39:46 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 02:42:36 2023
 Response via : Initial Calibration

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

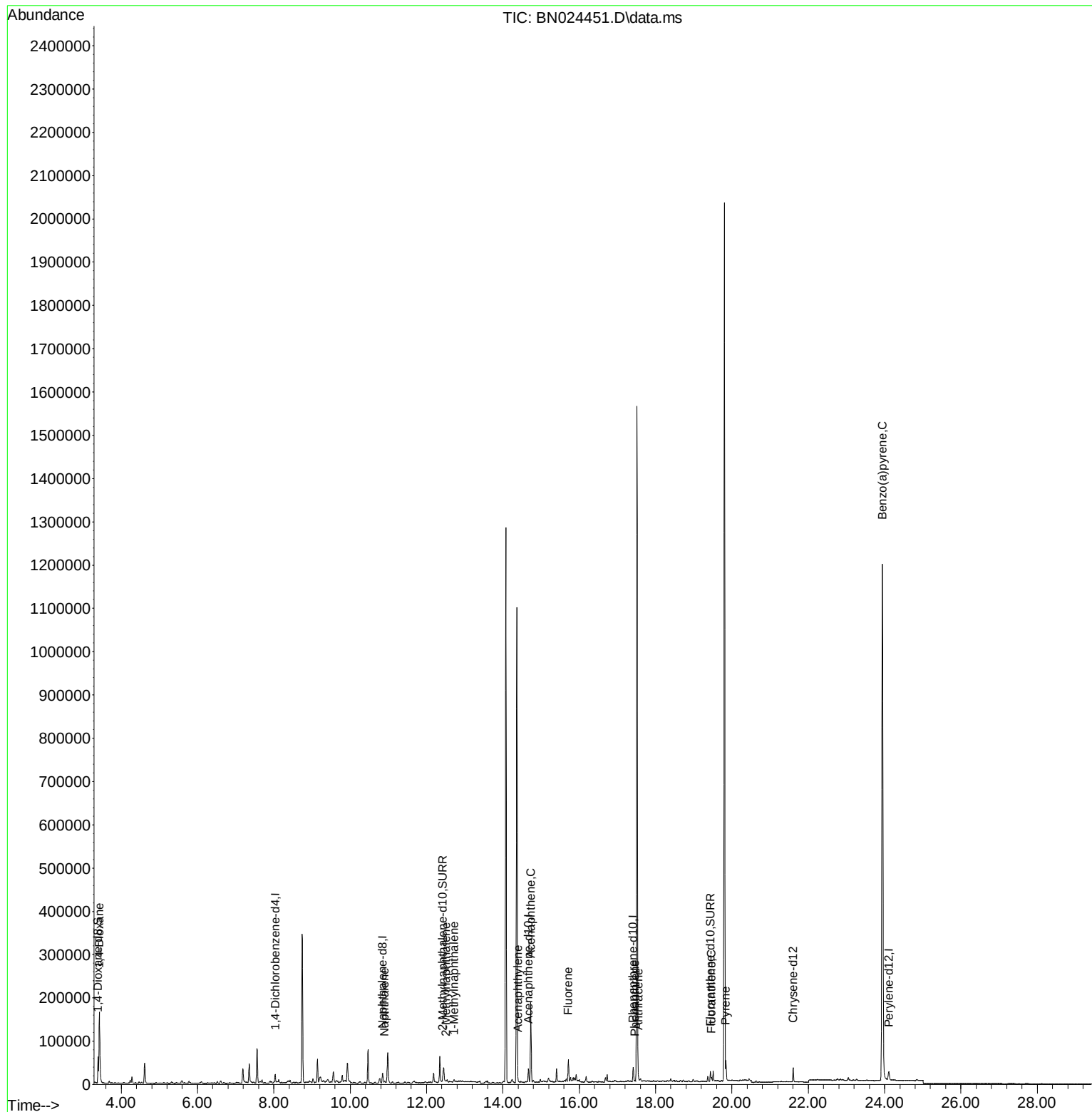
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	9537	0.400	ng/ul	0.00
4) Naphthalene-d8	10.850	136	29134	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.670	164	18069	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	36374	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.603	240	31858	0.400	ng/ul	# 0.00
23) Perylene-d12	24.108	264	30956	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	38963	3.712	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.428	152	10206	0.295	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	22694	0.268	ng/ul	0.00
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.431	88	115084	10.081	ng/ul	88
5) Naphthalene	10.900	128	4541	0.062	ng/ul#	75
7) 2-Methylnaphthalene	12.505	142	1664	0.038	ng/ul#	5
8) 1-Methylnaphthalene	12.720	142	2309	0.050	ng/ul	89
10) Acenaphthylene	14.393	152	3475	0.046	ng/ul#	22
11) Acenaphthene	14.730	153	104220	1.794	ng/ul	97
12) Fluorene	15.716	166	30792	0.475	ng/ul	97
15) Phenanthrene	17.455	178	2309	0.022	ng/ul#	25
16) Anthracene	17.548	178	10527	0.115	ng/ul#	62
19) Fluoranthene	19.469	202	6793	0.054	ng/ul#	60
20) Pyrene	19.831	202	5127	0.040	ng/ul#	1
26) Benzo(a)pyrene	23.942	252	7298	0.072	ng/ul#	23

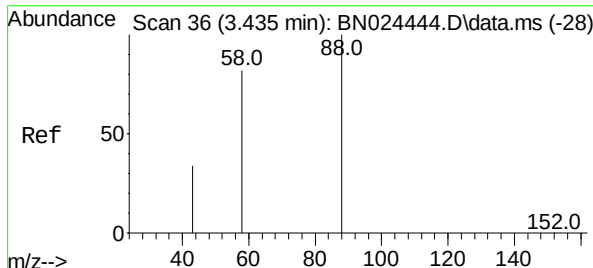
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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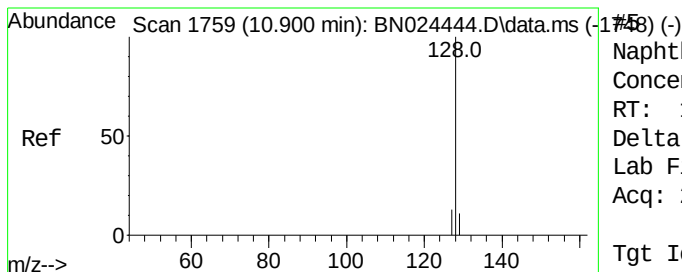
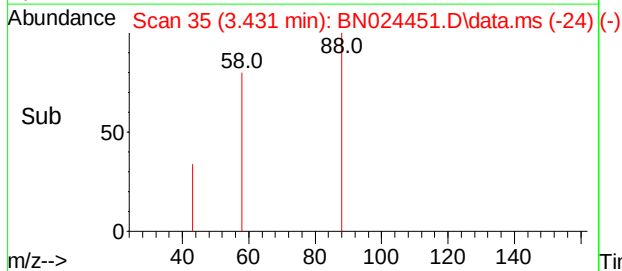
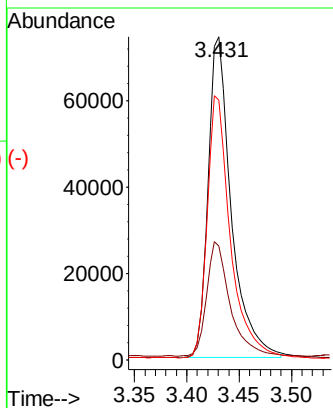
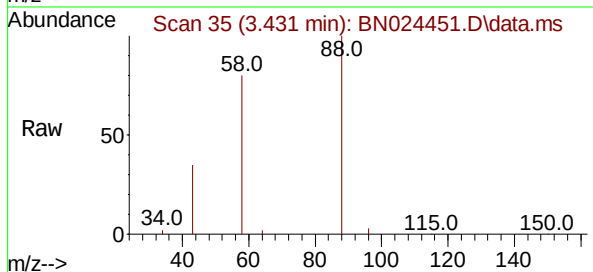




1,4-Dioxane
 Concen: 10.081 ng/ul
 RT: 3.431 min Scan# 1
 Delta R.T. -0.004 min
 Lab File: BN024451.D
 Acq: 21 Mar 2023 16:21

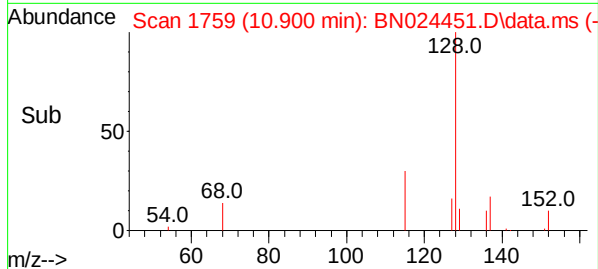
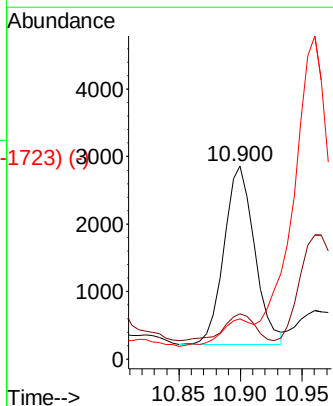
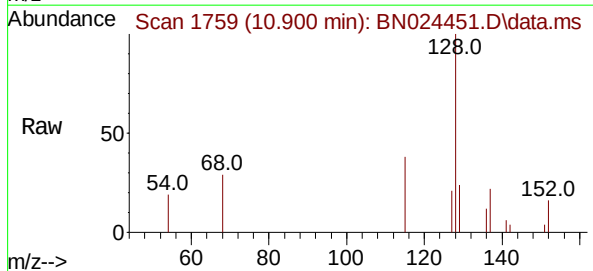
Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion: 88 Resp: 115084
 Ion Ratio Lower Upper
 88 100
 43 35.2 32.1 48.1
 58 80.3 55.1 82.7



Naphthalene
 Concen: 0.062 ng/ul
 RT: 10.900 min Scan# 1759
 Delta R.T. -0.000 min
 Lab File: BN024451.D
 Acq: 21 Mar 2023 16:21

Tgt Ion:128 Resp: 4541
 Ion Ratio Lower Upper
 128 100
 129 23.5 9.0 13.6#
 127 20.9 10.5 15.7#



Abundance Scan 2050 (12.500 min): BN024444.D\data.ms (-2072) (-)

2-Methylnaphthalene

Concen: 0.038 ng/ul

RT: 12.505 min Scan# 2051

Delta R.T. -0.000 min

Lab File: BN024451.D

Acq: 21 Mar 2023 16:21

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:142 Resp: 1664

Ion Ratio Lower Upper

142 100

141 0.0 70.3 105.5#

Abundance Scan 2051 (12.505 min): BN024451.D\data.ms

Ref

54.0 68.0 115.0 141.0

Raw

54.0 68.0 115.0 141.0

Sub

54.0 68.0 115.0 141.0

m/z-->

Abundance Scan 2051 (12.505 min): BN024451.D\data.ms (-2033) (-)

Ref

54.0 68.0 115.0 141.0

Raw

54.0 68.0 115.0 141.0

Sub

54.0 68.0 115.0 141.0

m/z-->

Abundance

20000

15000

10000

5000

0

12.505

Time-->

Abundance Scan 2090 (12.720 min): BN024444.D\data.ms (-2082) (-)

1-Methylnaphthalene

Concen: 0.050 ng/ul

RT: 12.720 min Scan# 2090

Delta R.T. -0.006 min

Lab File: BN024451.D

Acq: 21 Mar 2023 16:21

Tgt Ion:142 Resp: 2309

Ion Ratio Lower Upper

142 100

141 80.8 73.0 109.6

Abundance Scan 2090 (12.720 min): BN024451.D\data.ms

Ref

54.0 68.0 115.0 141.0

Raw

54.0 68.0 115.0 141.0

Sub

54.0 68.0 115.0 141.0

m/z-->

Abundance Scan 2090 (12.720 min): BN024451.D\data.ms (-2073) (-)

Ref

54.0 68.0 115.0 141.0

Raw

54.0 68.0 115.0 141.0

Sub

54.0 68.0 115.0 141.0

m/z-->

Abundance

1500

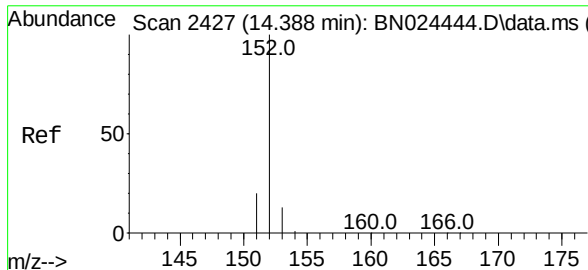
1000

500

0

12.720

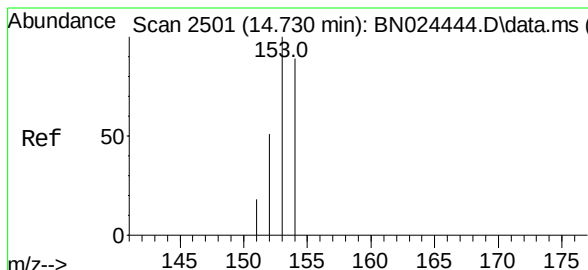
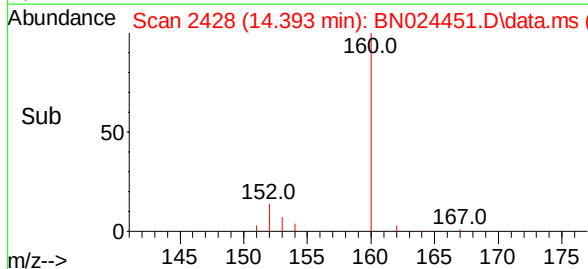
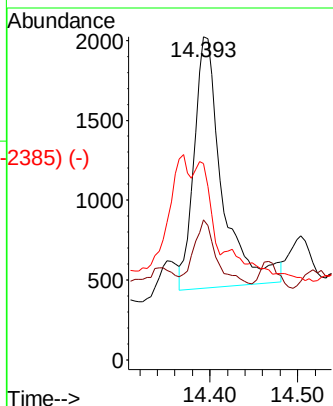
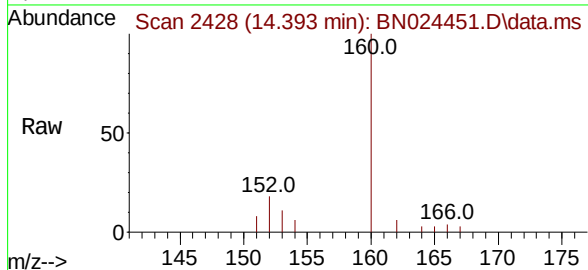
Time-->



Acenaphthylene
 Concen: 0.046 ng/ul
 RT: 14.393 min Scan# 2428
 Delta R.T. -0.000 min
 Lab File: BN024451.D
 Acq: 21 Mar 2023 16:21

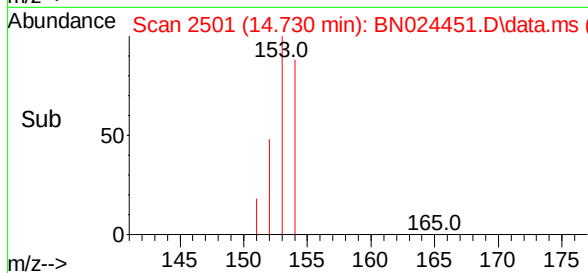
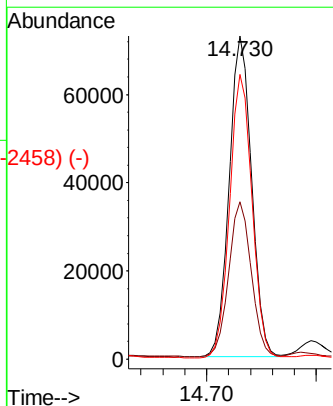
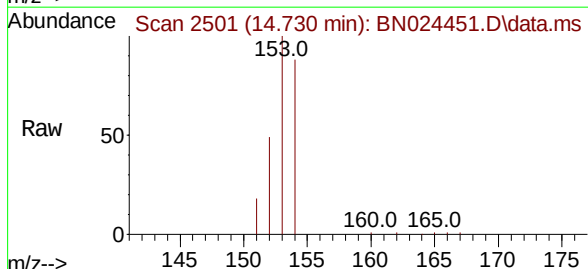
Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:	152	Resp:	3475
Ion	Ratio	Lower	Upper
152	100		
151	43.3	15.9	23.9#
153	60.9	10.6	16.0#

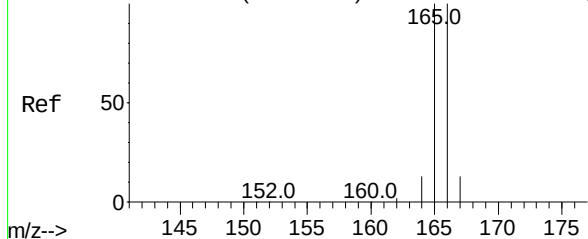


Acenaphthene
 Concen: 1.794 ng/ul
 RT: 14.730 min Scan# 2501
 Delta R.T. -0.000 min
 Lab File: BN024451.D
 Acq: 21 Mar 2023 16:21

Tgt Ion:	153	Resp:	104220
Ion	Ratio	Lower	Upper
153	100		
152	48.6	42.6	64.0
154	88.1	70.6	105.8



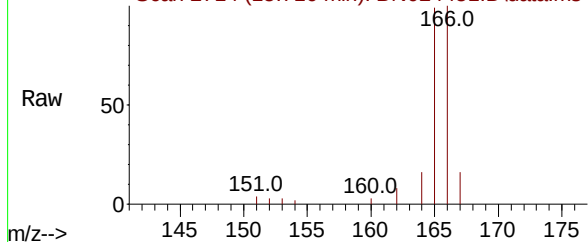
Abundance Scan 2713 (15.711 min): BN024444.D\data.ms (-2713) (-)



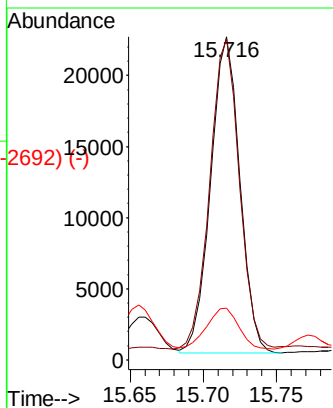
Fluorene
Concen: 0.475 ng/ul
RT: 15.716 min Scan# 2713
Delta R.T. -0.000 min
Lab File: BN024451.D
Acq: 21 Mar 2023 16:21

Instrument :
BNA_N
ClientSampleId :

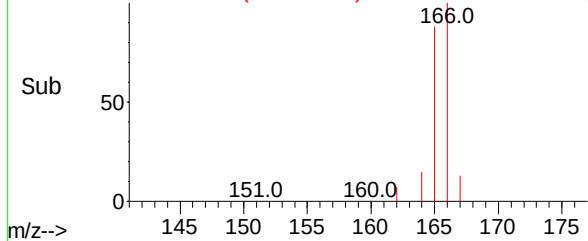
Abundance Scan 2714 (15.716 min): BN024451.D\data.ms



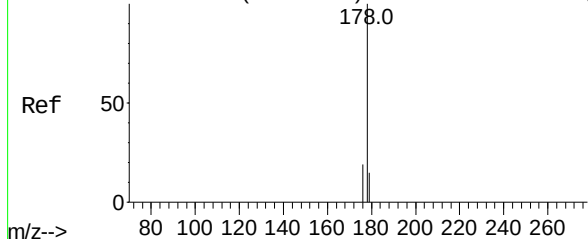
Tgt Ion:	166	Resp:	30792
Ion Ratio	Lower	Upper	
166	100		
165	99.3	77.4	116.0
167	16.0	10.9	16.3



Abundance Scan 2714 (15.716 min): BN024451.D\data.ms (-2692) (-)



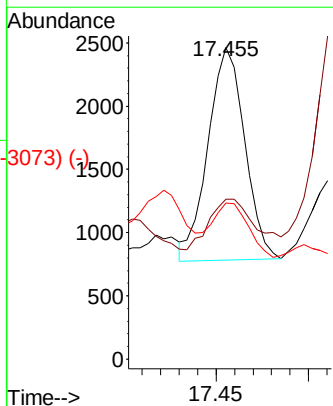
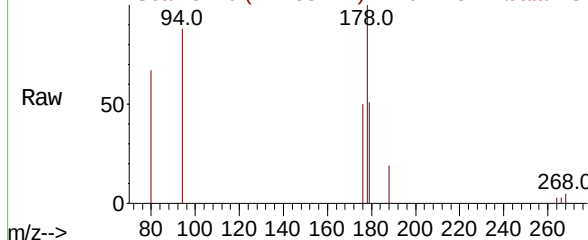
Abundance Scan 3119 (17.451 min): BN024444.D\data.ms (-3119) (-)



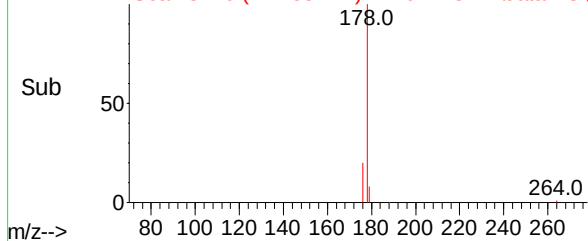
Phenanthrene
Concen: 0.022 ng/ul
RT: 17.455 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BN024451.D
Acq: 21 Mar 2023 16:21

Tgt Ion:	178	Resp:	2309
Ion Ratio	Lower	Upper	
178	100		
179	51.4	12.2	18.2#
176	50.0	15.7	23.5#

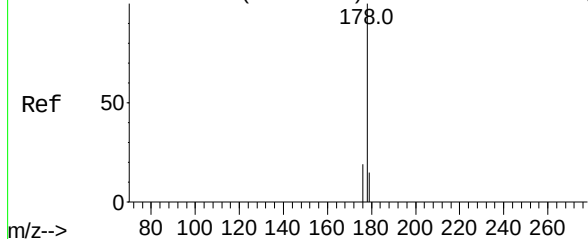
Abundance Scan 3120 (17.455 min): BN024451.D\data.ms



Abundance Scan 3120 (17.455 min): BN024451.D\data.ms (-3073) (-)



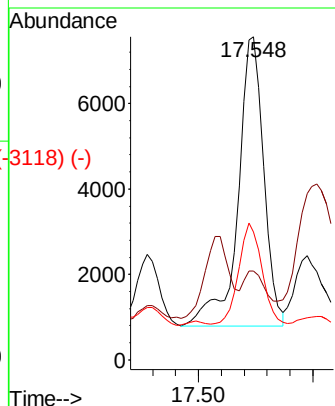
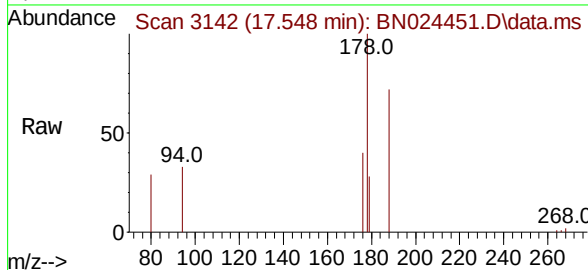
Abundance Scan 3141 (17.544 min): BN024444.D\data.ms (-3118) (-)



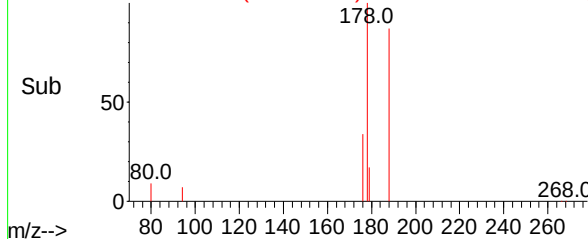
Anthracene
Concen: 0.115 ng/ul
RT: 17.548 min Scan# 3141
Delta R.T. -0.000 min
Lab File: BN024451.D
Acq: 21 Mar 2023 16:21

Instrument :
BNA_N
ClientSampleId :

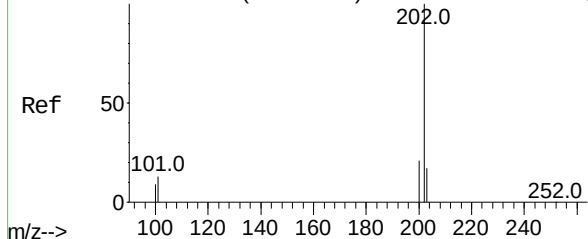
Tgt Ion:	178	Resp:	10527
Ion	Ratio	Lower	Upper
178	100		
179	27.6	12.3	18.5#
176	39.7	15.3	22.9#



Abundance Scan 3142 (17.548 min): BN024451.D\data.ms (-3118) (-)

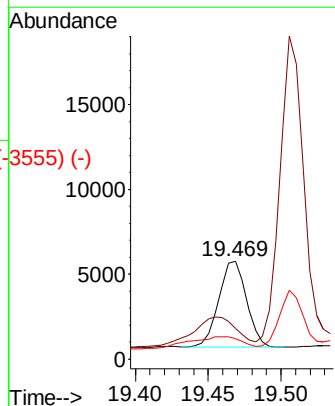
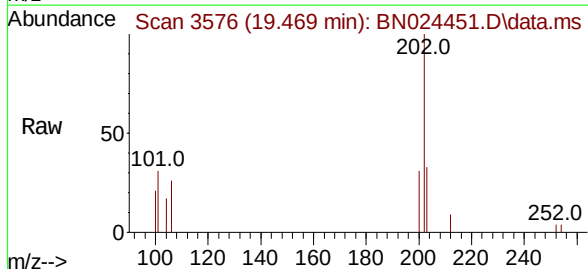


Abundance Scan 3575 (19.464 min): BN024444.D\data.ms (-3555) (-)

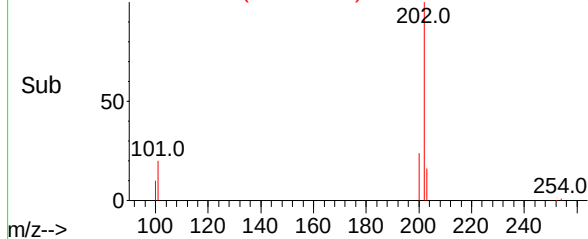


Fluoranthene
Concen: 0.054 ng/ul
RT: 19.469 min Scan# 3576
Delta R.T. -0.000 min
Lab File: BN024451.D
Acq: 21 Mar 2023 16:21

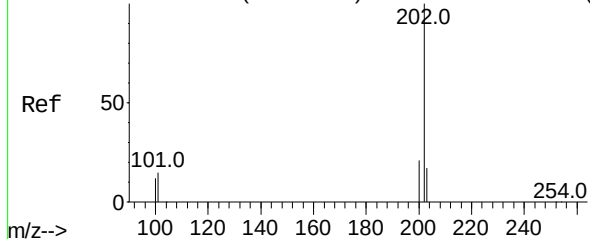
Tgt Ion:	202	Resp:	6793
Ion	Ratio	Lower	Upper
202	100		
101	31.4	10.4	15.6#
100	20.9	7.7	11.5#



Abundance Scan 3576 (19.469 min): BN024451.D\data.ms (-3555) (-)



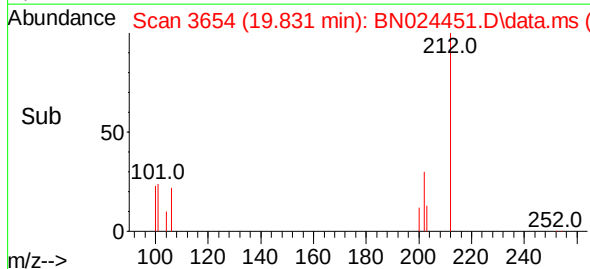
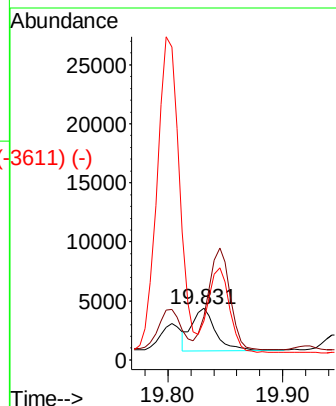
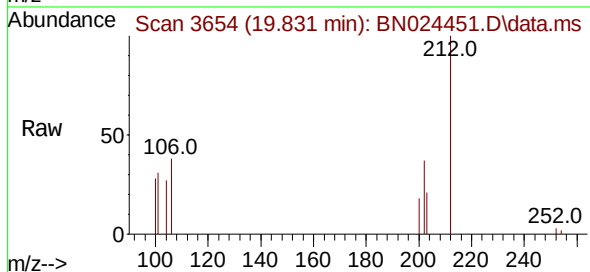
Abundance Scan 3653 (19.827 min): BN024444.D\data.ms (-3620) (-)



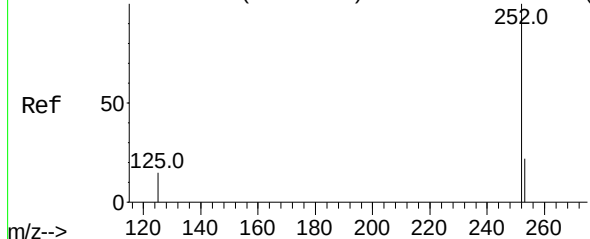
Pyrene
Concen: 0.040 ng/ul
RT: 19.831 min Scan# 3620
Delta R.T. -0.000 min
Lab File: BN024451.D
Acq: 21 Mar 2023 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:	202	Resp:	5127
Ion	Ratio	Lower	Upper
202	100		
101	84.3	12.1	18.1#
100	76.2	9.4	14.0#



Abundance Scan 4984 (23.968 min): BN024444.D\data.ms (-4923) (-)



Benzo(a)pyrene
Concen: 0.072 ng/ul
RT: 23.942 min Scan# 4975
Delta R.T. -0.047 min
Lab File: BN024451.D
Acq: 21 Mar 2023 16:21

Tgt Ion:	252	Resp:	7298
Ion	Ratio	Lower	Upper
252	100		
253	56.7	19.2	28.8#
125	61.0	15.8	23.6#

