

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
 Data File : BM038947.D
 Acq On : 09 Mar 2023 16:03
 Operator : CG/JU
 Sample : 01784-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 09 18:13:45 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 13:36:03 2023
 Response via : Initial Calibration

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

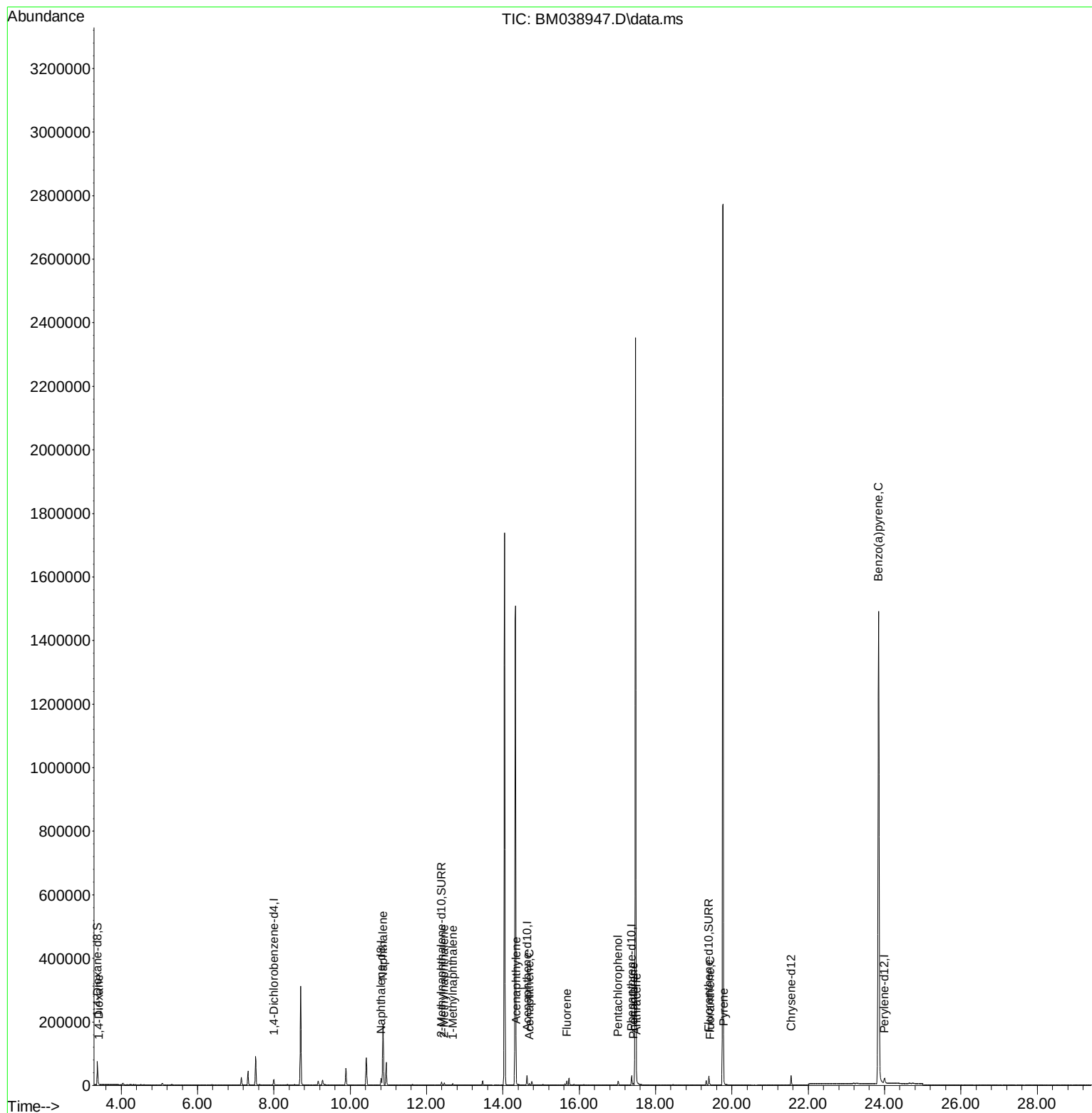
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	8436	0.400	ng/ul	0.00
4) Naphthalene-d8	10.811	136	29457	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.633	164	16658	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	34966	0.400	ng/ul	0.00
17) Chrysene-d12	21.553	240	28108	0.400	ng/ul	0.00
23) Perylene-d12	23.996	264	23522	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	45654	4.783	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.395	152	12559	0.352	ng/ul	0.00
18) Fluoranthene-d10	19.398	212	29337	0.438	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.413	88	246	0.025	ng/ul#	25
5) Naphthalene	10.861	128	257553	3.657	ng/ul	99
7) 2-Methylnaphthalene	12.466	142	5320	0.124	ng/ul	100
8) 1-Methylnaphthalene	12.686	142	3419	0.076	ng/ul	100
10) Acenaphthylene	14.350	152	3562	0.059	ng/ul#	89
11) Acenaphthene	14.693	153	2667	0.054	ng/ul	98
12) Fluorene	15.678	166	8745	0.155	ng/ul#	97
14) Pentachlorophenol	17.020	266	8093	0.962	ng/ul	99
15) Phenanthrene	17.417	178	6242	0.068	ng/ul	96
16) Anthracene	17.510	178	2474	0.033	ng/ul#	85
19) Fluoranthene	19.426	202	2410	0.025	ng/ul#	81
20) Pyrene	19.788	202	4480	0.046	ng/ul#	80
26) Benzo(a)pyrene	23.841	252	8329	0.114	ng/ul#	62

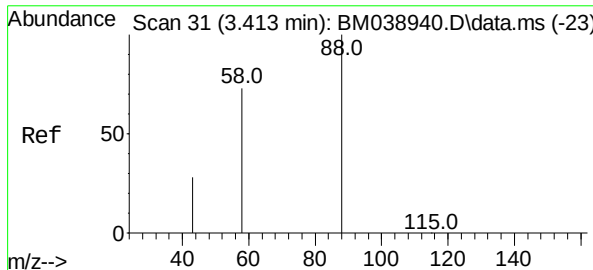
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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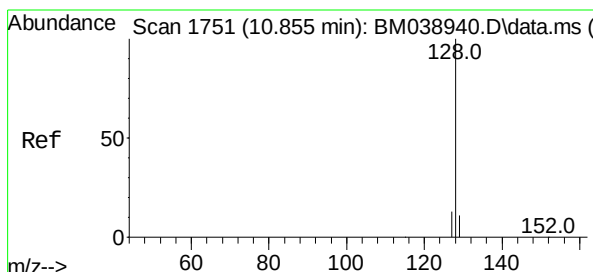
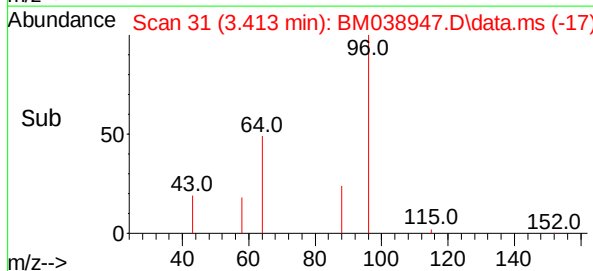
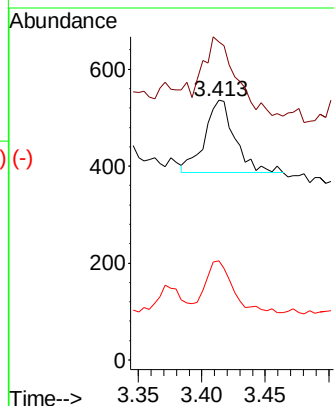
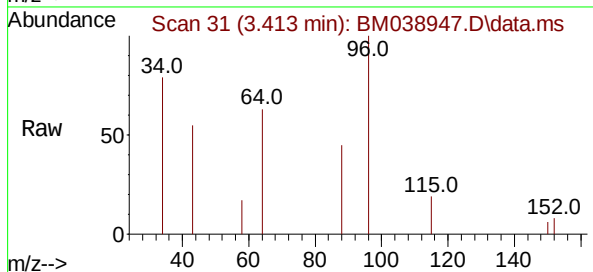




1,4-Dioxane
 Concen: 0.025 ng/ul
 RT: 3.413 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: BM038947.D
 Acq: 09 Mar 2023 16:03

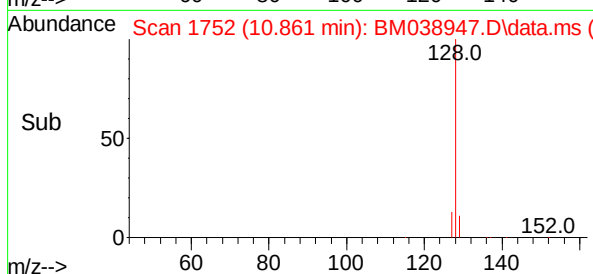
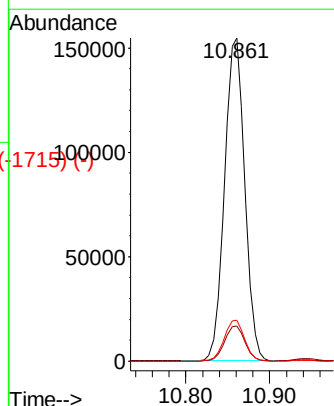
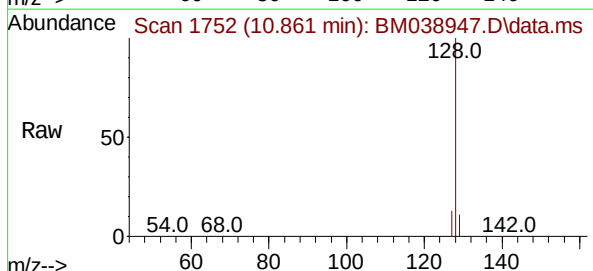
Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion: 88 Resp: 246
 Ion Ratio Lower Upper
 88 100
 43 122.4 27.2 40.8#
 58 38.1 50.8 76.2#



Naphthalene
 Concen: 3.657 ng/ul
 RT: 10.861 min Scan# 1752
 Delta R.T. 0.005 min
 Lab File: BM038947.D
 Acq: 09 Mar 2023 16:03

Tgt Ion:128 Resp: 257553
 Ion Ratio Lower Upper
 128 100
 129 10.9 9.1 13.7
 127 12.6 10.3 15.5



Abundance Scan 2044 (12.466 min): BM038940.D\data.ms (-2076) (-)

2-Methylnaphthalene

Concen: 0.124 ng/ul

RT: 12.466 min Scan# 2076

Delta R.T. -0.000 min

Lab File: BM038947.D

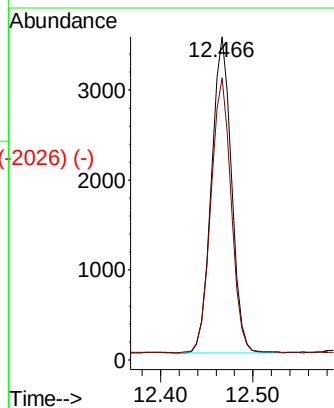
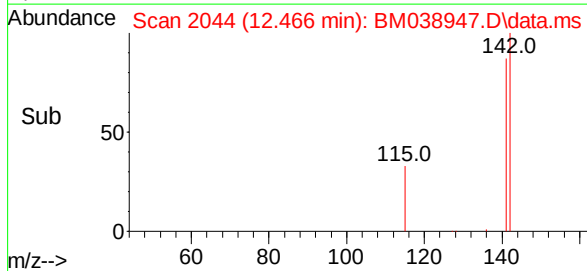
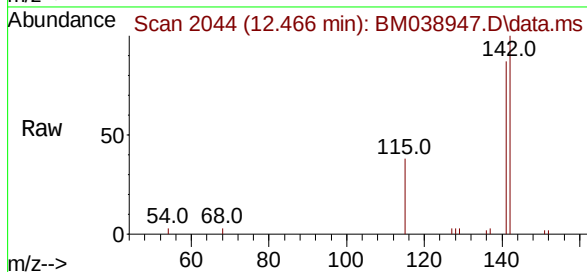
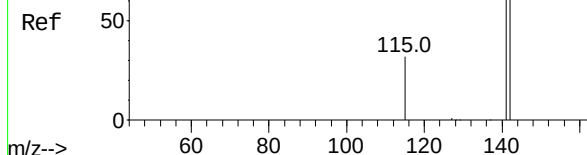
Acq: 09 Mar 2023 16:03

Tgt Ion:142 Resp: 5320

Ion Ratio Lower Upper

142 100

141 87.8 69.9 104.9



Abundance Scan 2083 (12.681 min): BM038940.D\data.ms (-2084) (-)

1-Methylnaphthalene

Concen: 0.076 ng/ul

RT: 12.686 min Scan# 2084

Delta R.T. 0.005 min

Lab File: BM038947.D

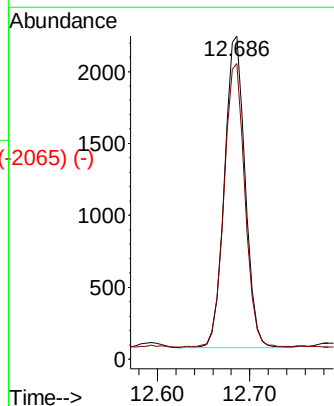
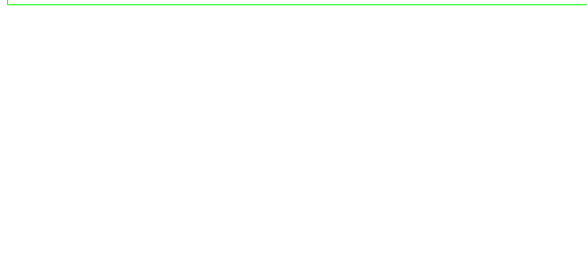
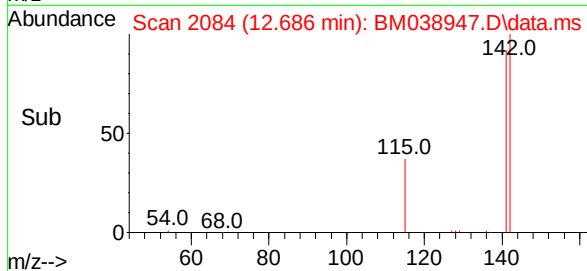
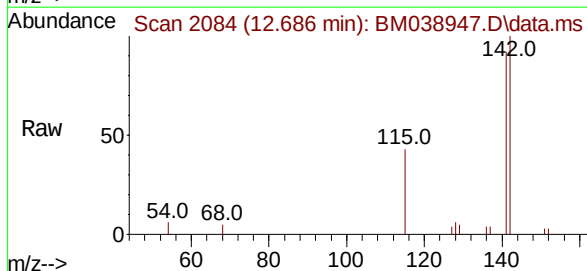
Acq: 09 Mar 2023 16:03

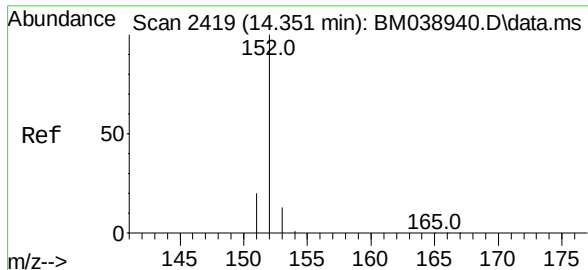
Tgt Ion:142 Resp: 3419

Ion Ratio Lower Upper

142 100

141 91.8 73.5 110.3

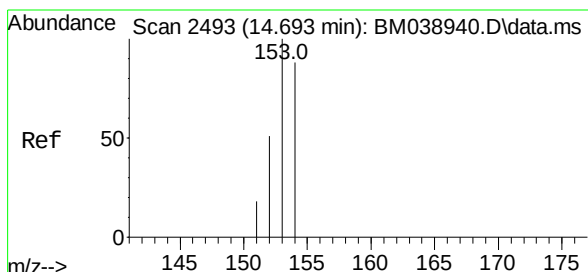
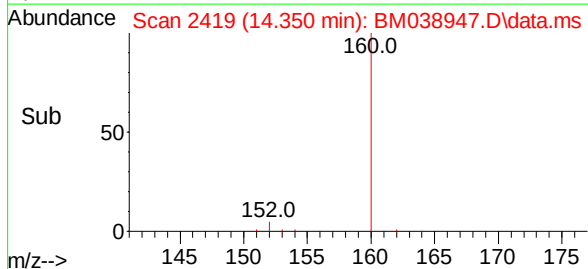
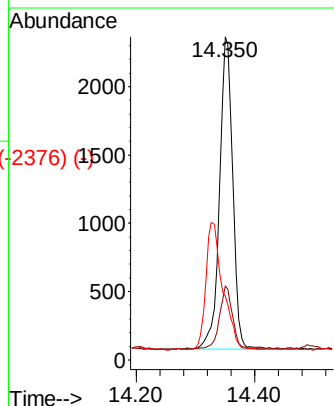
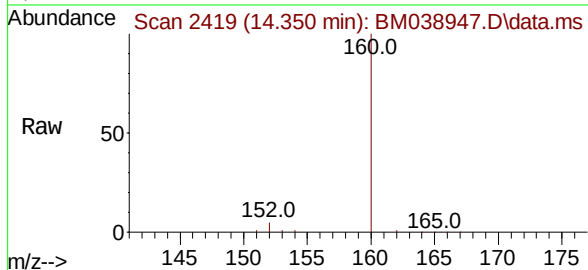




Acenaphthylene
Concen: 0.059 ng/ul
RT: 14.350 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BM038947.D
Acq: 09 Mar 2023 16:03

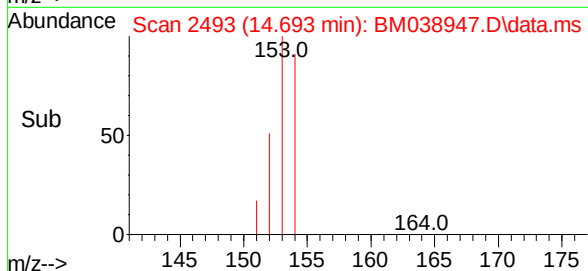
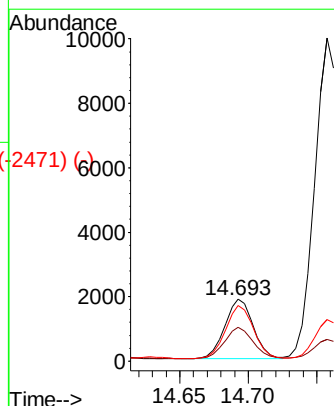
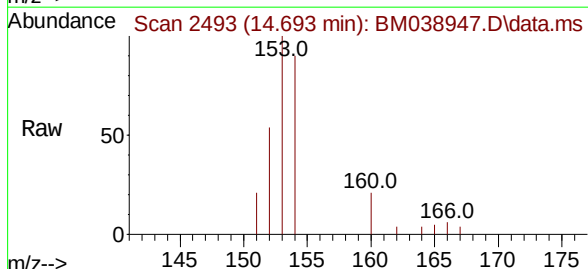
Instrument :
BNA_M
ClientSampleId :

Tgt Ion:	152	Resp:	3562
Ion	Ratio	Lower	Upper
152	100		
151	23.0	15.6	23.4
153	19.9	10.6	15.8#



Acenaphthene
Concen: 0.054 ng/ul
RT: 14.693 min Scan# 2493
Delta R.T. -0.000 min
Lab File: BM038947.D
Acq: 09 Mar 2023 16:03

Tgt Ion:	153	Resp:	2667
Ion	Ratio	Lower	Upper
153	100		
152	54.4	44.2	66.2
154	90.0	70.6	105.8



Abundance Scan 2706 (15.678 min): BM038940.D\data.ms (-2612) (-)

Fluorene

Concen: 0.155 ng/ul

RT: 15.678 min Scan# 2706

Delta R.T. -0.000 min

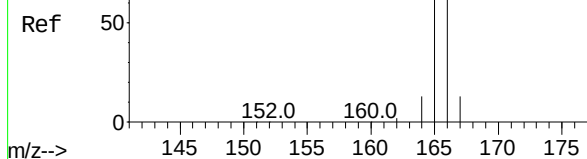
Lab File: BM038947.D

Acq: 09 Mar 2023 16:03

Instrument :

BNA_M

ClientSampleId :



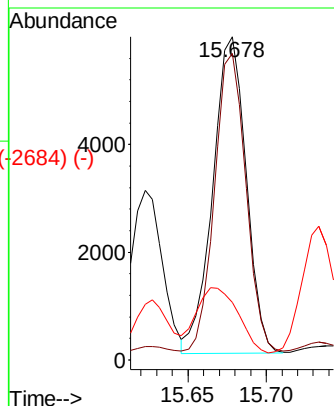
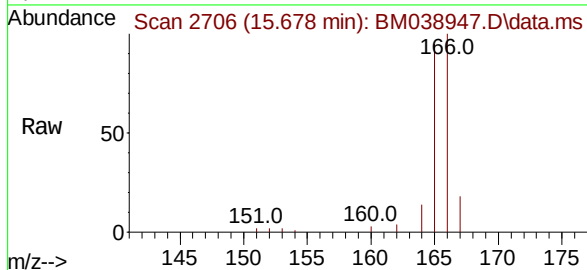
Tgt Ion:166 Resp: 8745

Ion Ratio Lower Upper

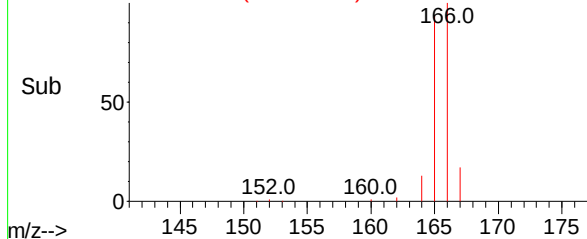
166 100

165 94.9 77.8 116.6

167 17.8 11.4 17.2#



Abundance Scan 2706 (15.678 min): BM038947.D\data.ms (-2684) (-)



Abundance Scan 3017 (17.020 min): BM038940.D\data.ms (-3604) (-)

Pentachlorophenol

Concen: 0.962 ng/ul

RT: 17.020 min Scan# 3017

Delta R.T. -0.000 min

Lab File: BM038947.D

Acq: 09 Mar 2023 16:03

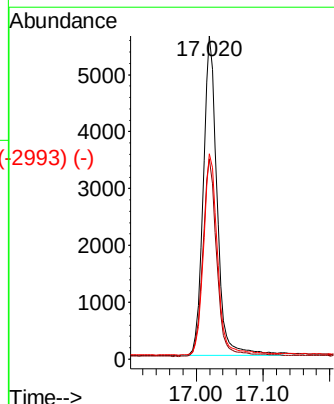
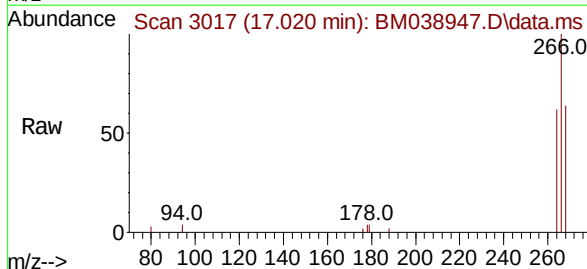
Tgt Ion:266 Resp: 8093

Ion Ratio Lower Upper

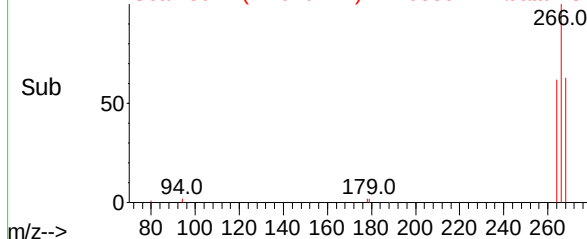
266 100

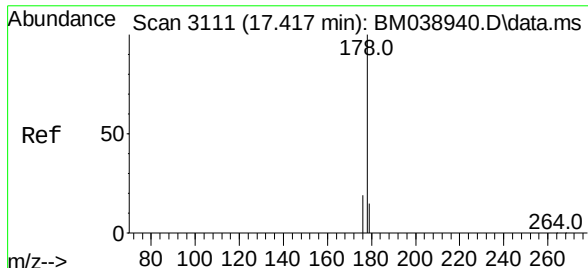
264 62.6 50.2 75.2

268 64.4 50.2 75.4



Abundance Scan 3017 (17.020 min): BM038947.D\data.ms (-2993) (-)

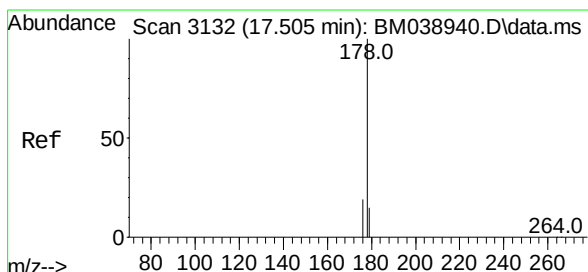
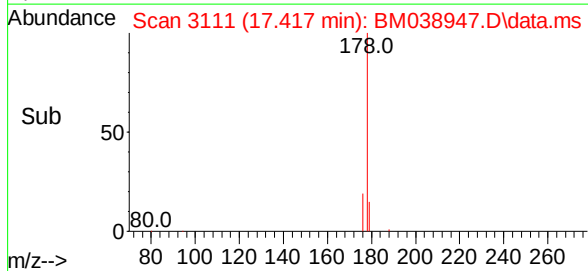
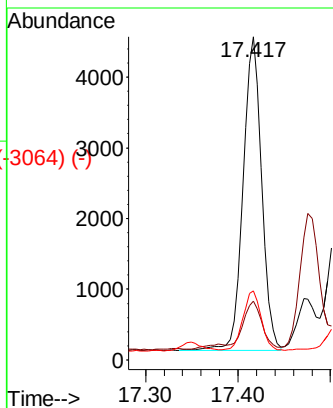
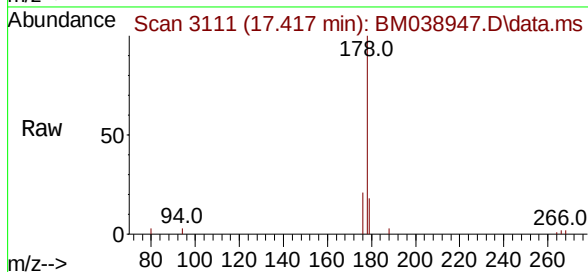




Scan 3111 (17.417 min): BM038940.D\data.ms (-3015) (-)
 Phenanthrene
 Concen: 0.068 ng/ul
 RT: 17.417 min Scan# 3111
 Delta R.T. -0.000 min
 Lab File: BM038947.D
 Acq: 09 Mar 2023 16:03

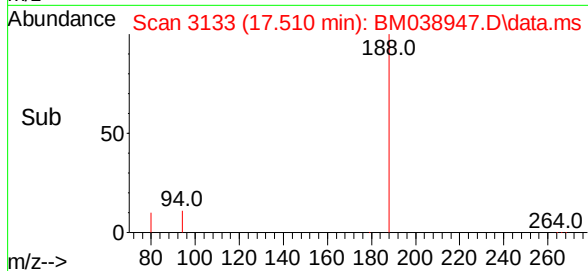
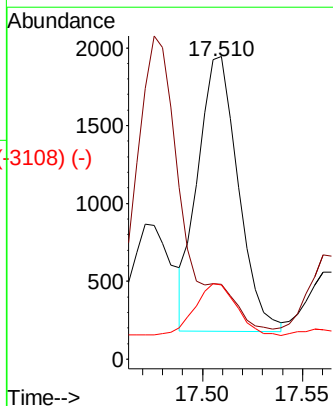
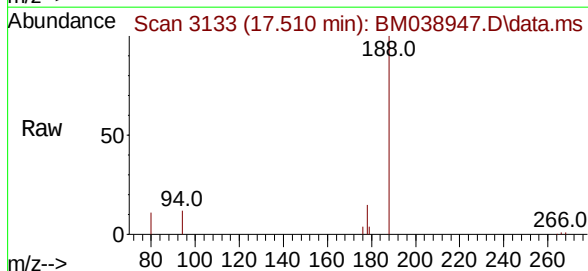
Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:	178	Resp:	6242
Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.7	19.1
176	21.4	15.9	23.9

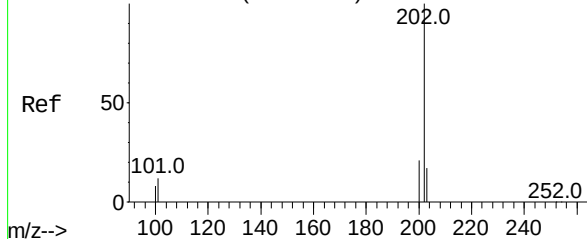


Scan 3132 (17.505 min): BM038940.D\data.ms (-3110) (-)
 Anthracene
 Concen: 0.033 ng/ul
 RT: 17.510 min Scan# 3133
 Delta R.T. 0.004 min
 Lab File: BM038947.D
 Acq: 09 Mar 2023 16:03

Tgt Ion:	178	Resp:	2474
Ion	Ratio	Lower	Upper
178	100		
179	24.7	13.0	19.6#
176	24.4	15.4	23.2#



Abundance Scan 3567 (19.426 min): BM038940.D\data.ms (-3519) (-)



Fluoranthene

Concen: 0.025 ng/ul

RT: 19.426 min Scan#

Delta R.T. -0.000 min

Lab File: BM038947.D

Acq: 09 Mar 2023 16:03

Instrument :

BNA_M

ClientSampleId :

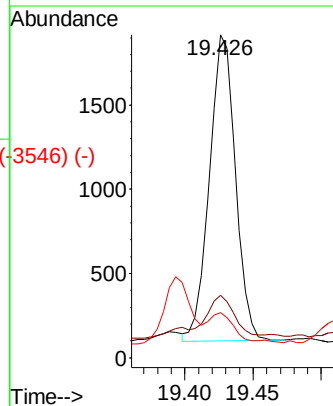
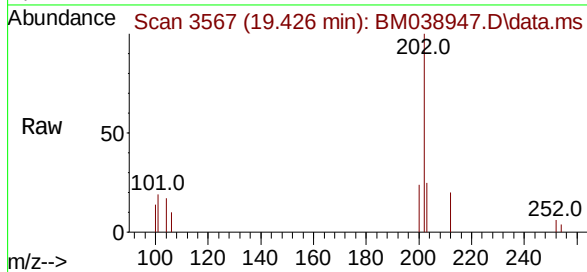
Tgt Ion:202 Resp: 2410

Ion Ratio Lower Upper

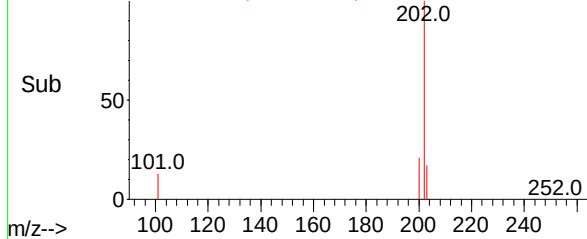
202 100

101 19.5 8.9 13.3#

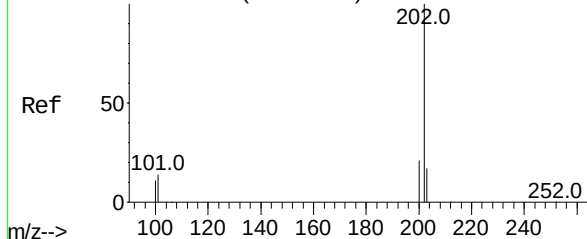
100 14.0 6.8 10.2#



Abundance Scan 3567 (19.426 min): BM038947.D\data.ms (-3546) (-)



Abundance Scan 3645 (19.789 min): BM038940.D\data.ms (-3620) (-)



Pyrene

Concen: 0.046 ng/ul

RT: 19.788 min Scan# 3645

Delta R.T. -0.000 min

Lab File: BM038947.D

Acq: 09 Mar 2023 16:03

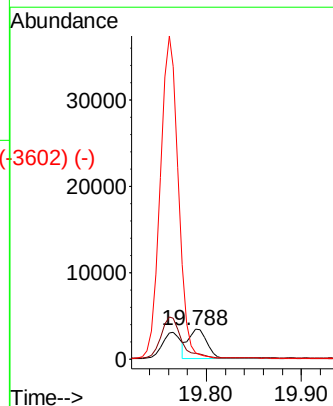
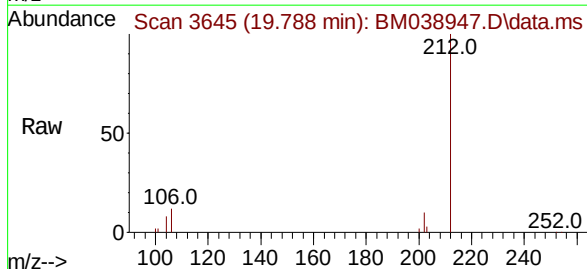
Tgt Ion:202 Resp: 4480

Ion Ratio Lower Upper

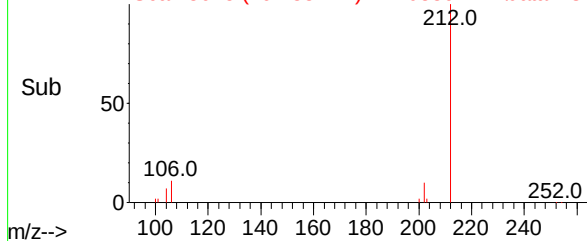
202 100

101 19.7 11.2 16.8#

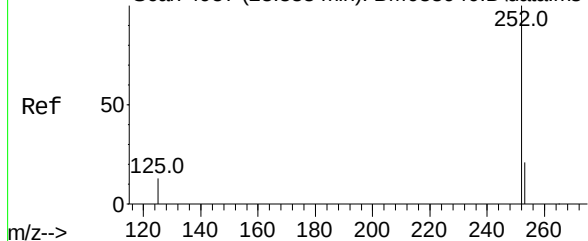
100 22.0 9.0 13.6#



Abundance Scan 3645 (19.788 min): BM038947.D\data.ms (-3602) (-)

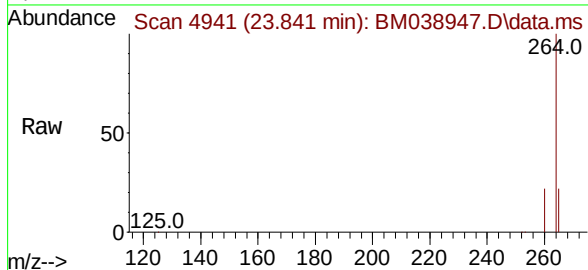


Abundance Scan 4957 (23.888 min): BM038940.D\data.ms (-4923) (-)



Benzo(a)pyrene
Concen: 0.114 ng/ul
RT: 23.841 min Scan# 4923
Delta R.T. -0.047 min
Lab File: BM038947.D
Acq: 09 Mar 2023 16:03

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:	252	Resp:	8329
Ion	Ratio	Lower	Upper
252	100		
253	40.5	20.3	30.5#
125	39.1	14.0	21.0#

