

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083122\
 Data File : BM036469.D
 Acq On : 31 Aug 2022 12:29
 Operator : CG/JU
 Sample : N4396-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC0

Quant Time: Aug 31 13:09:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 23 00:55:01 2022
 Response via : Initial Calibration

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

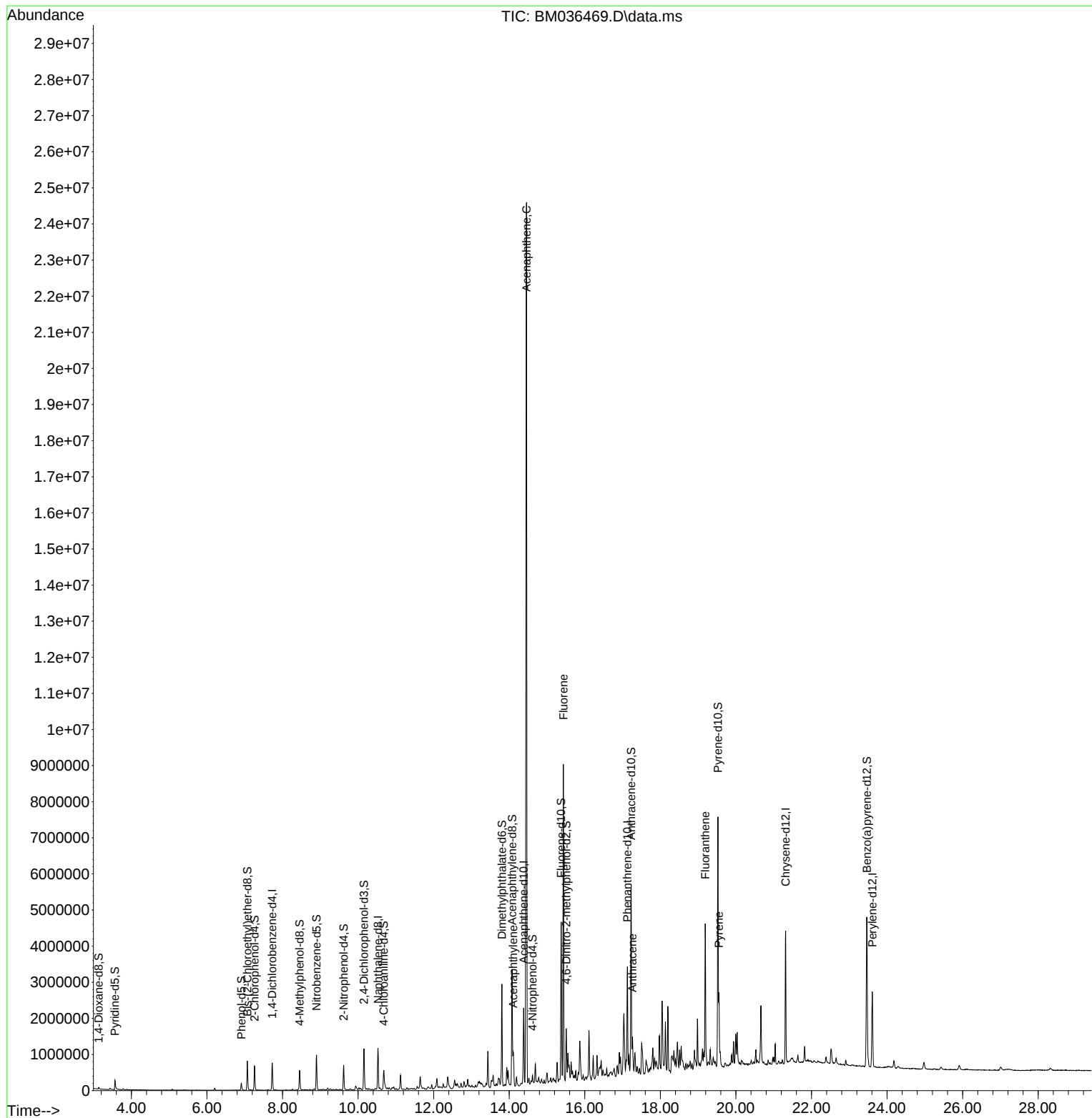
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	186611	20.000	ng/u1	0.00
20) Naphthalene-d8	10.528	136	889490	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.381	164	648057	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.127	188	1503723	20.000	ng/u1	0.00
79) Chrysene-d12	21.315	240	1489278	20.000	ng/u1	0.01
88) Perylene-d12	23.609	264	1403154	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	21668	4.425	ng/uL	-0.01
4) Pyridine-d5	3.564	84	150096	11.116	ng/u1	0.00
7) Phenol-d5	6.910	99	106025	6.656	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	347722	34.681	ng/u1	0.00
11) 2-Chlorophenol-d4	7.258	132	289967	23.169	ng/u1	-0.01
15) 4-Methylphenol-d8	8.452	113	198045	16.652	ng/u1	0.00
21) Nitrobenzene-d5	8.899	128	202616	30.044	ng/u1	0.00
24) 2-Nitrophenol-d4	9.616	143	193821	28.333	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.157	165	366894	30.017	ng/u1	0.00
31) 4-Chloroaniline-d4	10.681	131	289970	15.303	ng/u1	0.00
46) Dimethylphthalate-d6	13.804	166	1618085	39.466	ng/u1	0.00
49) Acenaphthylene-d8	14.075	160	1832895	35.844	ng/u1	0.00
54) 4-Nitrophenol-d4	14.616	143	51684	6.653	ng/u1	0.01
60) Fluorene-d10	15.375	176	1525592	41.179	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	233875	30.252	ng/u1	0.00
73) Anthracene-d10	17.227	188	2628353	39.310	ng/u1	0.00
81) Pyrene-d10	19.521	212	3105165	40.194	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.462	264	2688806	39.084	ng/u1	-0.02
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.104	152	125443	2.080	ng/u1#	82
52) Acenaphthene	14.457	153	10079915	256.458	ng/u1	97
61) Fluorene	15.433	166	3457750	79.935	ng/u1	98
74) Anthracene	17.257	178	545390	6.882	ng/u1	97
80) Fluoranthene	19.186	202	2042838	21.880	ng/u1	98
82) Pyrene	19.551	202	1105652	11.348	ng/u1	99

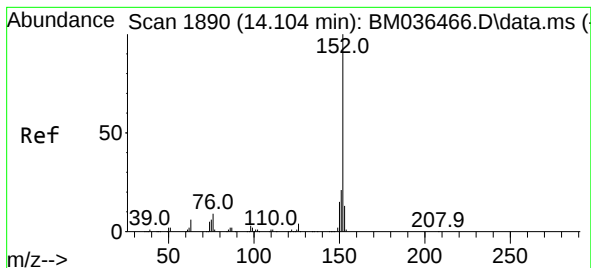
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#50

Acenaphthylene

Concen: 2.080 ng/ul

RT: 14.104 min Scan# 1890

Delta R.T. 0.008 min

Lab File: BM036469.D

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Instrument :

BNA_M

ClientSampleId :

C0AC0

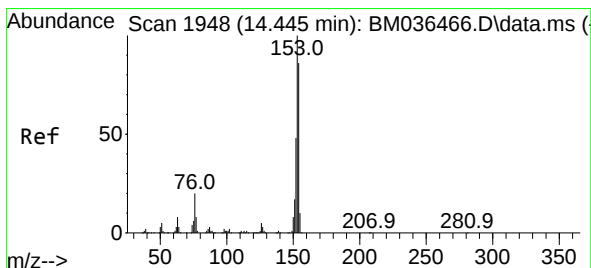
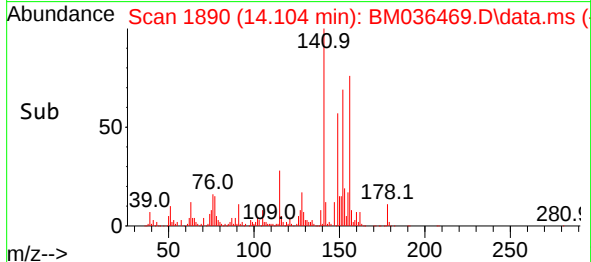
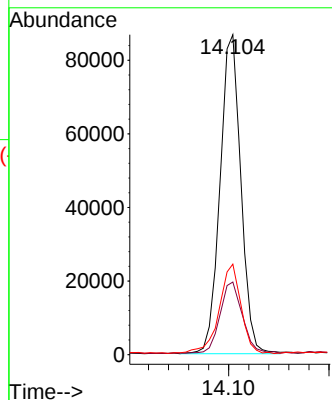
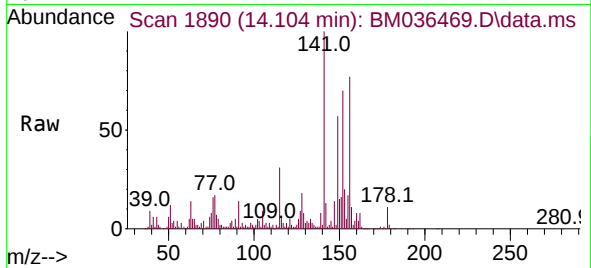
Tgt Ion:152 Resp: 125443

Ion Ratio Lower Upper

152 100

151 22.7 16.1 24.1

153 28.3 10.6 15.8#



#52

Acenaphthene

Concen: 256.458 ng/ul

RT: 14.457 min Scan# 1950

Delta R.T. 0.019 min

Lab File: BM036469.D

Acq: 31 Aug 2022 12:29

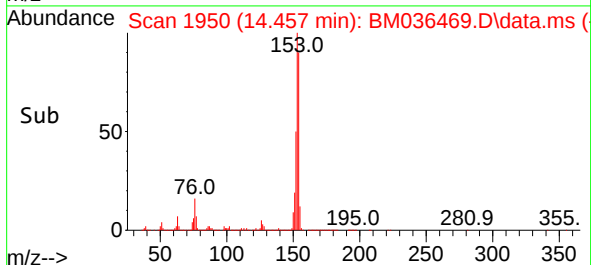
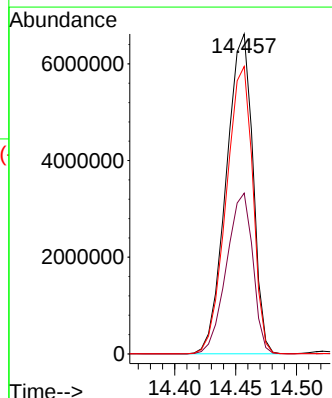
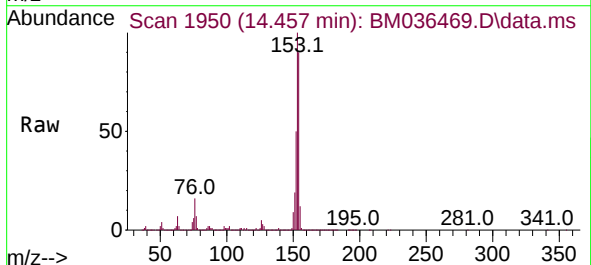
Tgt Ion:153 Resp:10079915

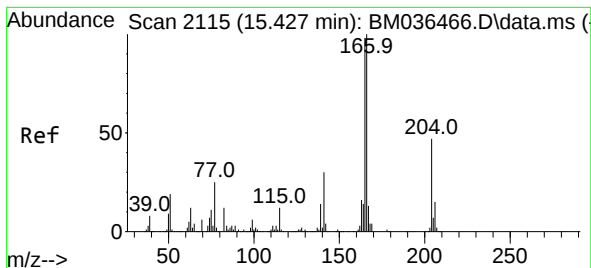
Ion Ratio Lower Upper

153 100

152 50.2 37.1 55.7

154 89.8 71.3 106.9





#61

Fluorene

Concen: 79.935 ng/ul

RT: 15.433 min Scan# 2116

Delta R.T. 0.008 min

Lab File: BM036469.D

Acq: 31 Aug 2022 12:29

Instrument :

BNA_M

ClientSampleId :

C0AC0

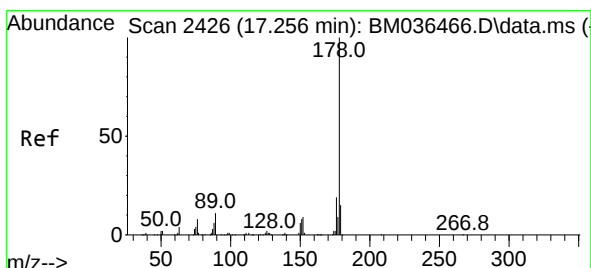
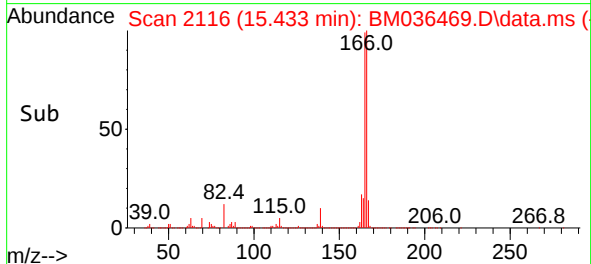
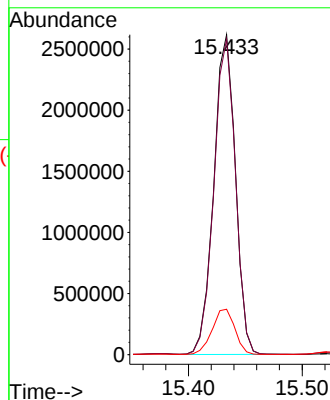
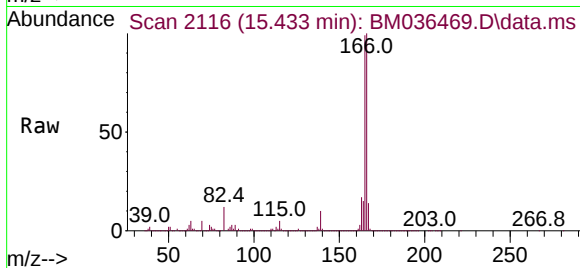
Tgt Ion:166 Resp: 3457750

Ion Ratio Lower Upper

166 100

165 98.6 77.2 115.8

167 14.2 11.0 16.4



#74

Anthracene

Concen: 6.882 ng/ul

RT: 17.257 min Scan# 2426

Delta R.T. 0.002 min

Lab File: BM036469.D

Acq: 31 Aug 2022 12:29

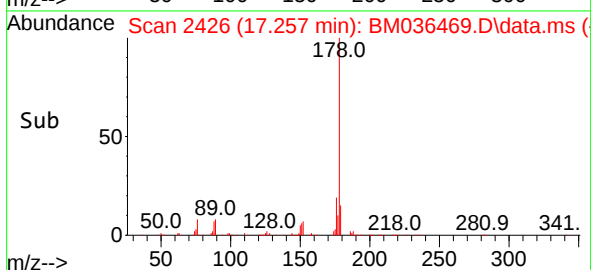
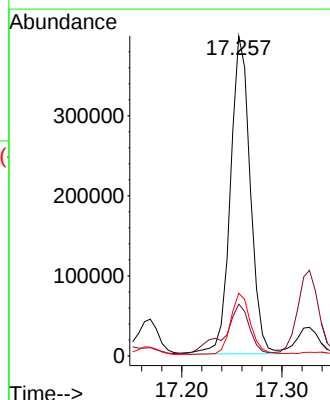
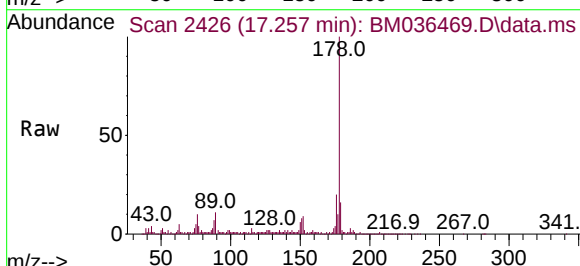
Tgt Ion:178 Resp: 545390

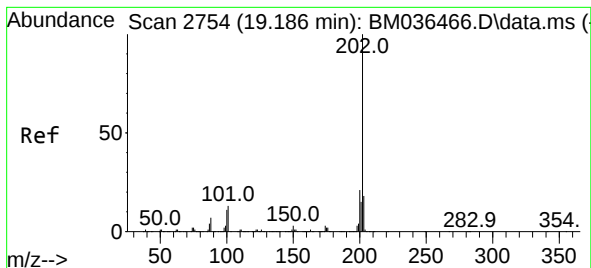
Ion Ratio Lower Upper

178 100

179 16.2 12.2 18.2

176 19.6 14.4 21.6

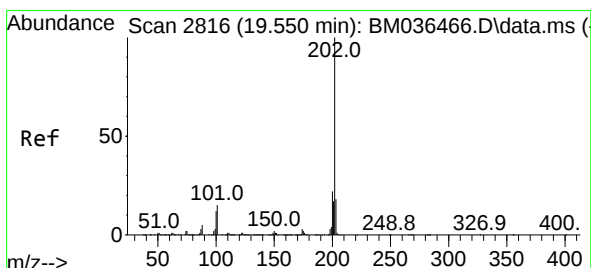
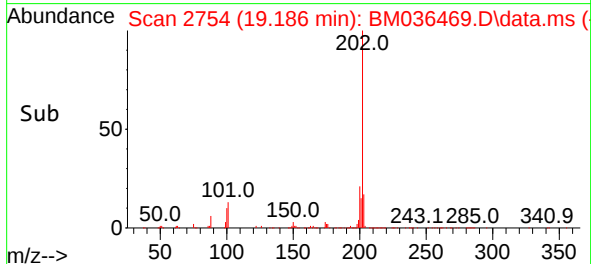
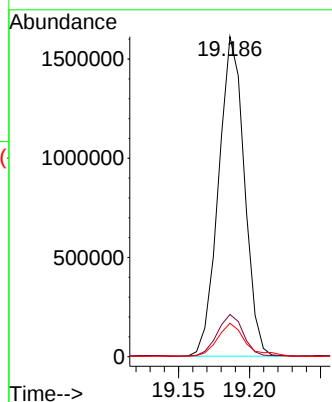
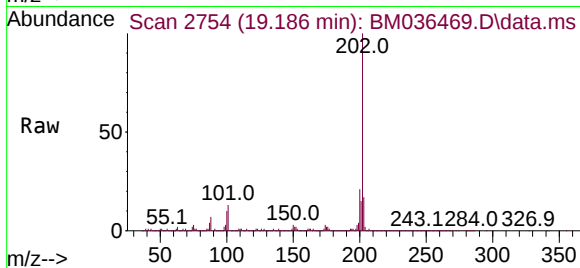




#80
Fluoranthene
Concen: 21.880 ng/ul
RT: 19.186 min Scan# 21
Delta R.T. 0.007 min
Lab File: BM036469.D
Acq: 31 Aug 2022 12:29

Instrument :
BNA_M
ClientSampleId :
C0AC0

Tgt Ion:202 Resp: 2042838
Ion Ratio Lower Upper
202 100
101 13.2 10.1 15.1
100 10.4 7.8 11.6



#82
Pyrene
Concen: 11.348 ng/ul
RT: 19.551 min Scan# 2816
Delta R.T. 0.008 min
Lab File: BM036469.D
Acq: 31 Aug 2022 12:29

Tgt Ion:202 Resp: 1105652
Ion Ratio Lower Upper
202 100
101 15.7 11.9 17.9
100 12.8 10.2 15.4

