

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032822\
 Data File : BM034396.D
 Acq On : 28 Mar 2022 17:49
 Operator : CG/JU
 Sample : SSTD3.213
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.2013

Quant Time: Mar 28 18:20:51 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM032822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 17:15:47 2022
 Response via : Initial Calibration

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

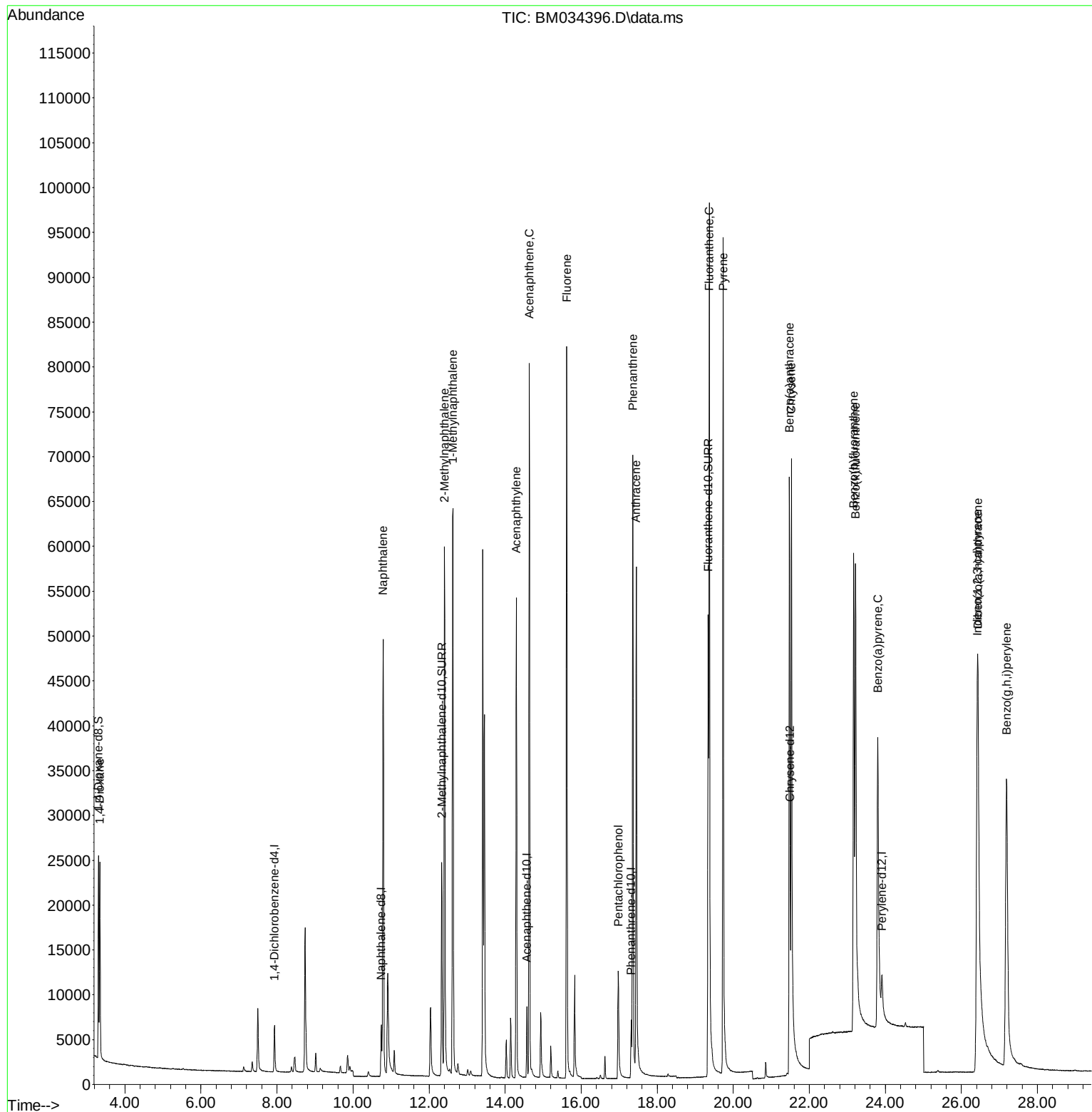
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	2982	0.400	ng/ul	0.00
4) Naphthalene-d8	10.741	136	8203	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.574	164	4382	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	8361	0.400	ng/ul	0.00
17) Chrysene-d12	21.495	240	7121	0.400	ng/ul	# 0.00
23) Perylene-d12	23.909	264	7307	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	12181	3.512	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	34130	2.702	ng/ul	0.00
18) Fluoranthene-d10	19.343	212	65255	3.039	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.343	88	13751	4.085	ng/ul#	80
5) Naphthalene	10.790	128	70153	3.110	ng/ul#	87
7) 2-Methylnaphthalene	12.407	142	45559	2.862	ng/ul	99
8) 1-Methylnaphthalene	12.627	142	44912	2.838	ng/ul	99
10) Acenaphthylene	14.296	152	64134	3.470	ng/ul#	89
11) Acenaphthene	14.634	153	47954	3.210	ng/ul	94
12) Fluorene	15.619	166	53147	2.937	ng/ul#	96
14) Pentachlorophenol	16.974	266	10325	3.851	ng/ul	97
15) Phenanthrene	17.358	178	79215	3.140	ng/ul	93
16) Anthracene	17.451	178	74021	3.230	ng/ul#	90
19) Fluoranthene	19.371	202	91368	3.130	ng/ul	98
20) Pyrene	19.733	202	95347	3.259	ng/ul	98
21) Benzo(a)anthracene	21.478	228	69485	2.801	ng/ul	96
22) Chrysene	21.530	228	75526	2.866	ng/ul	96
24) Benzo(b)fluoranthene	23.170	252	77476	2.603	ng/ul	88
25) Benzo(k)fluoranthene	23.217	252	80565	2.662	ng/ul#	86
26) Benzo(a)pyrene	23.801	252	76235	3.035	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.418	276	99911	2.847	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.438	278	75320	2.628	ng/ul#	85
29) Benzo(g,h,i)perylene	27.189	276	93385	3.031	ng/ul	95

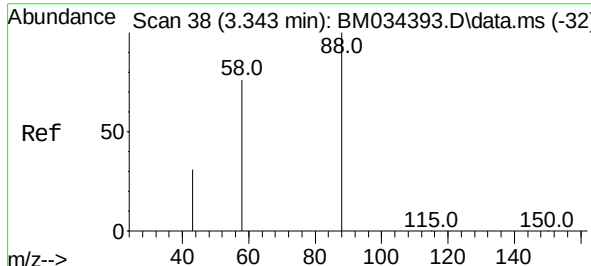
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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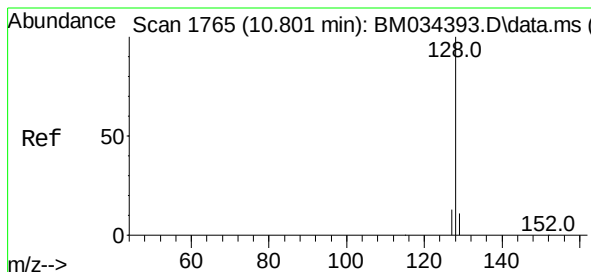
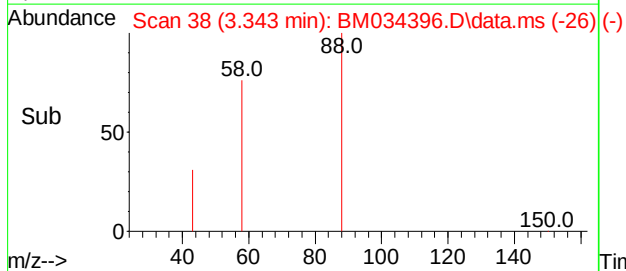
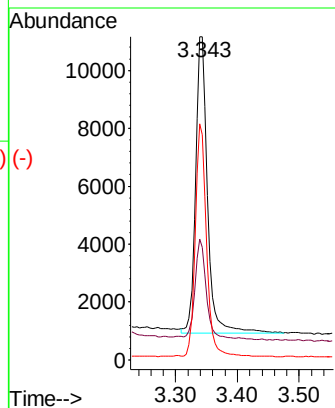
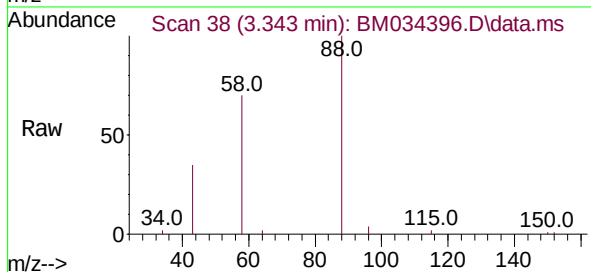




1,4-Dioxane
Concen: 4.085 ng/ul
RT: 3.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM034396.D
Acq: 28 Mar 2022 17:49

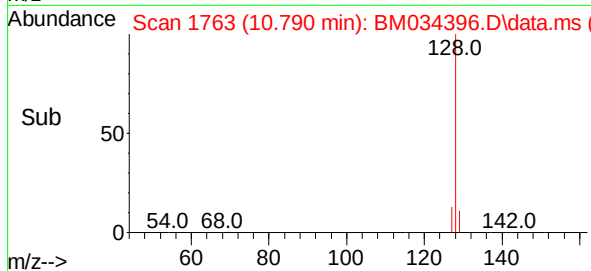
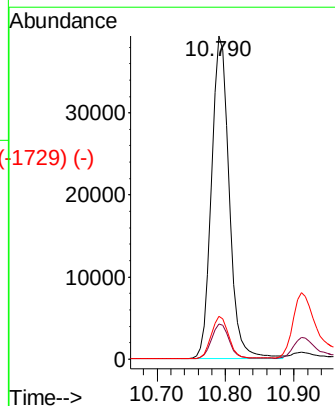
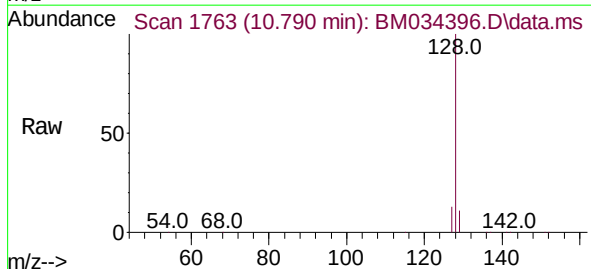
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BNA_M
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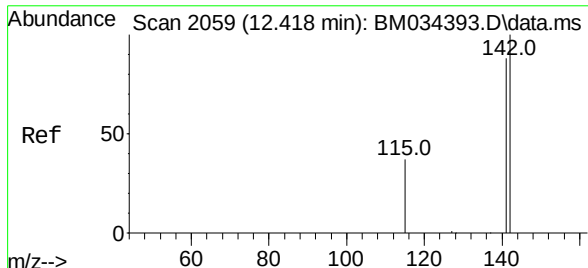
Tgt Ion: 88 Resp: 13751
Ion Ratio Lower Upper
88 100
43 34.9 49.7 74.5#
58 69.6 52.5 78.7



Naphthalene
Concen: 3.110 ng/ul
RT: 10.790 min Scan# 1763
Delta R.T. -0.011 min
Lab File: BM034396.D
Acq: 28 Mar 2022 17:49

Tgt Ion:128 Resp: 70153
Ion Ratio Lower Upper
128 100
129 10.9 13.4 20.2#
127 13.2 15.2 22.8#

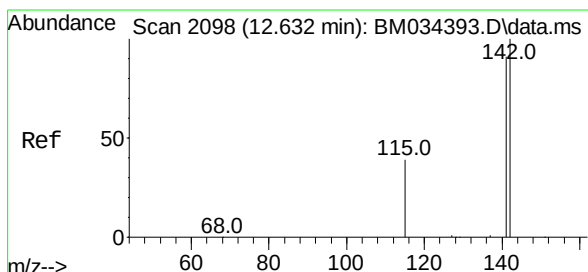
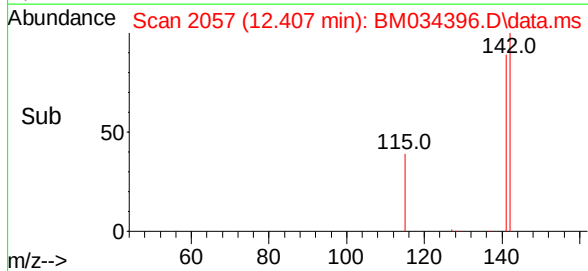
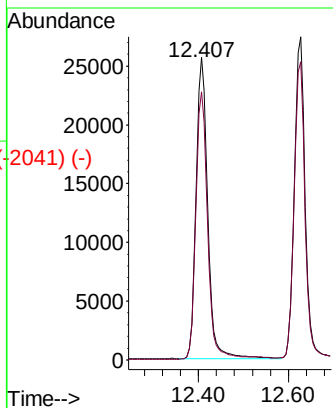
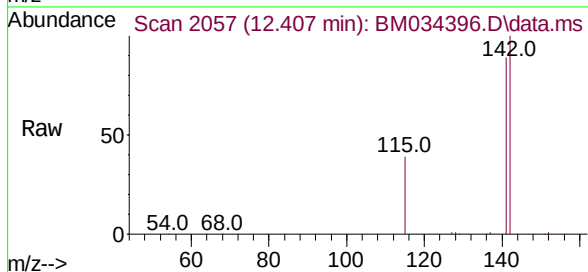




2-Methylnaphthalene
 Concen: 2.862 ng/ul
 RT: 12.407 min Scan# 2057
 Delta R.T. -0.011 min
 Lab File: BM034396.D
 Acq: 28 Mar 2022 17:49

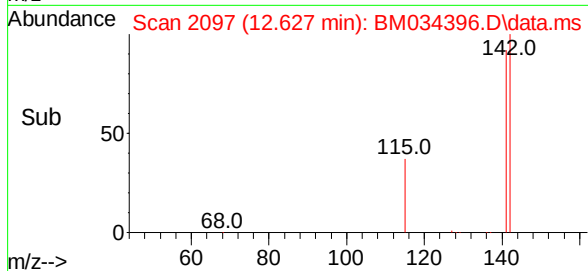
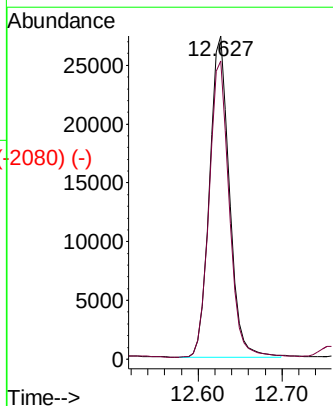
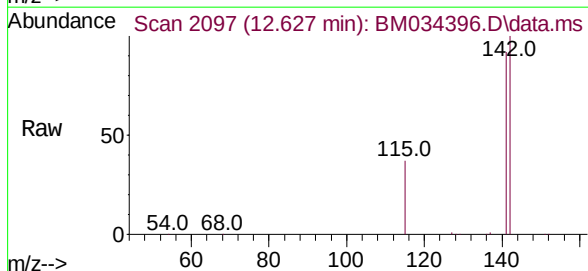
Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.2013

Tgt Ion:142 Resp: 45559
 Ion Ratio Lower Upper
 142 100
 141 90.3 71.8 107.6



1-Methylnaphthalene
 Concen: 2.838 ng/ul
 RT: 12.627 min Scan# 2097
 Delta R.T. -0.005 min
 Lab File: BM034396.D
 Acq: 28 Mar 2022 17:49

Tgt Ion:142 Resp: 44912
 Ion Ratio Lower Upper
 142 100
 141 93.1 75.0 112.4



Abundance Scan 2432 (14.301 min): BM034393.D\data.ms (-2#10) (-)

Acenaphthylene

Concen: 3.470 ng/ul

RT: 14.296 min Scan# 2431

Delta R.T. -0.004 min

Lab File: BM034396.D

Acq: 28 Mar 2022 17:49

Instrument :

BNA_M

ClientSampleId :

SSTD3.2013

Tgt Ion:152 Resp: 64134

Ion Ratio Lower Upper

152 100

151 19.7 19.9 29.9#

153 13.1 15.0 22.4#

Abundance Scan 2431 (14.296 min): BM034396.D\data.ms

m/z-->

152.0

160.0 165.0

m/z-->

Abundance Scan 2431 (14.296 min): BM034396.D\data.ms (-2389) (-)

m/z-->

152.0

165.0

m/z-->

Abundance

40000

30000

20000

10000

0

Time-->

14.20 14.40

Abundance Scan 2505 (14.638 min): BM034393.D\data.ms (-2#11) (-)

Acenaphthene

Concen: 3.210 ng/ul

RT: 14.634 min Scan# 2504

Delta R.T. -0.004 min

Lab File: BM034396.D

Acq: 28 Mar 2022 17:49

Tgt Ion:153 Resp: 47954

Ion Ratio Lower Upper

153 100

152 48.3 42.4 63.6

154 87.1 66.2 99.2

Abundance Scan 2504 (14.634 min): BM034396.D\data.ms (-2483) (-)

m/z-->

153.0

160.0 165.0

m/z-->

Abundance

30000

20000

10000

0

Time-->

14.60 14.70

Abundance Scan 2719 (15.628 min): BM034393.D\data.ms (-2719) (-)

Fluorene

Concen: 2.937 ng/ul

RT: 15.619 min Scan# 2719

Delta R.T. -0.009 min

Lab File: BM034396.D

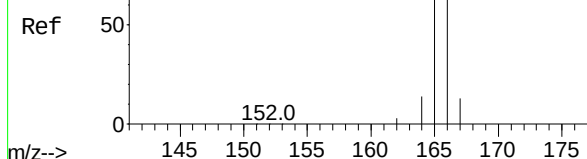
Acq: 28 Mar 2022 17:49

Instrument :

BNA_M

ClientSampleId :

SSTD3.2013



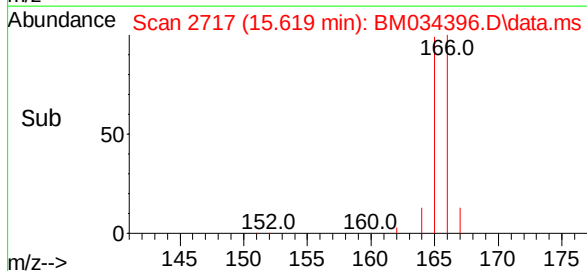
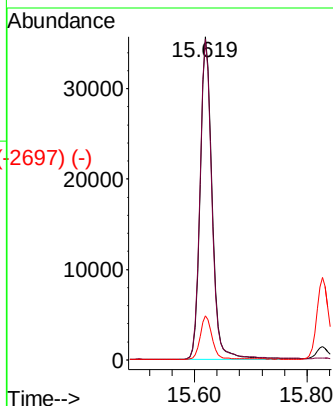
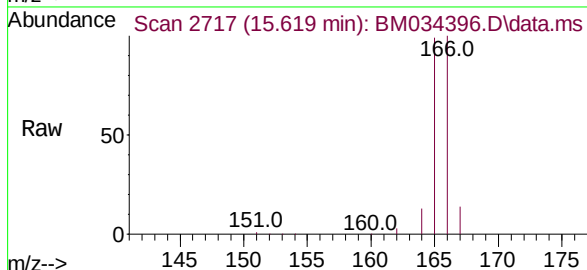
Tgt Ion:166 Resp: 53147

Ion Ratio Lower Upper

166 100

165 99.1 81.1 121.7

167 13.6 14.9 22.3#



Abundance Scan 3034 (16.991 min): BM034393.D\data.ms (-3034) (-)

Pentachlorophenol

Concen: 3.851 ng/ul

RT: 16.974 min Scan# 3030

Delta R.T. -0.017 min

Lab File: BM034396.D

Acq: 28 Mar 2022 17:49

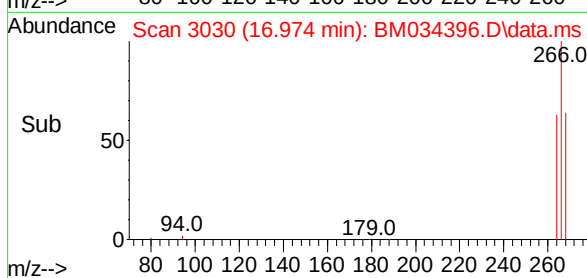
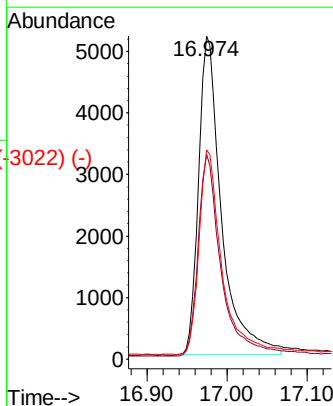
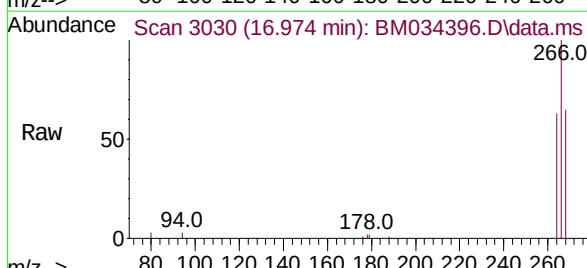
Tgt Ion:266 Resp: 10325

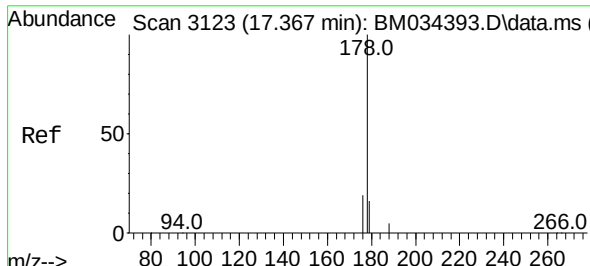
Ion Ratio Lower Upper

266 100

264 62.8 51.4 77.0

268 63.8 53.1 79.7

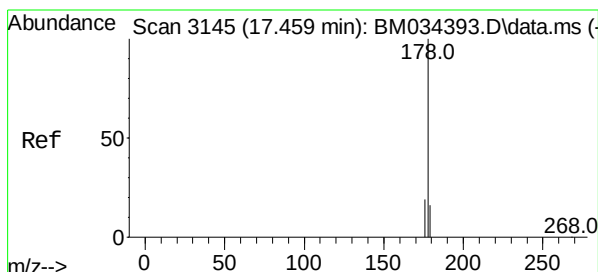
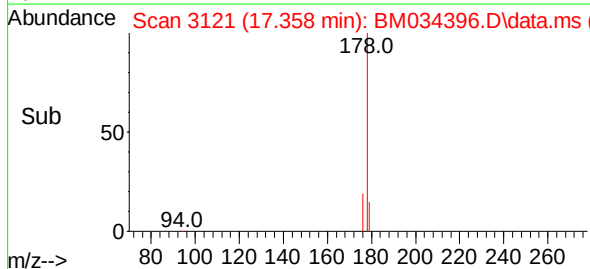
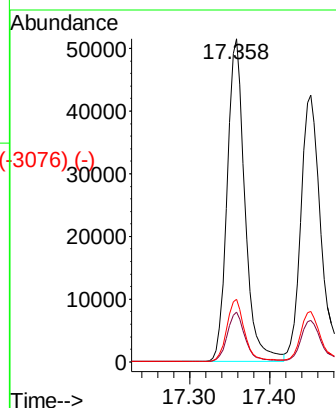
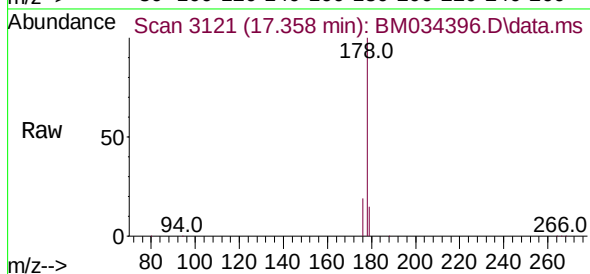




Phenanthrene
Concen: 3.140 ng/ul
RT: 17.358 min Scan# 3121
Delta R.T. -0.008 min
Lab File: BM034396.D
Acq: 28 Mar 2022 17:49

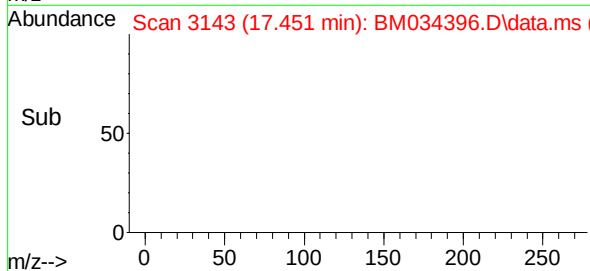
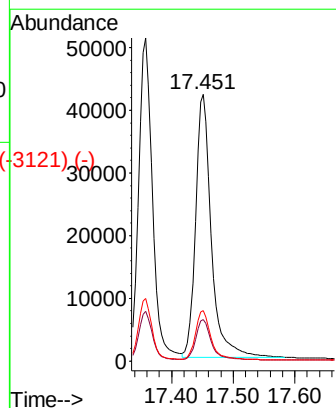
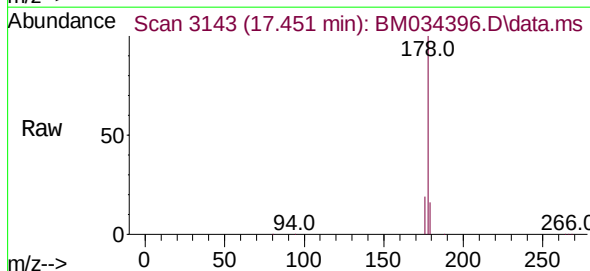
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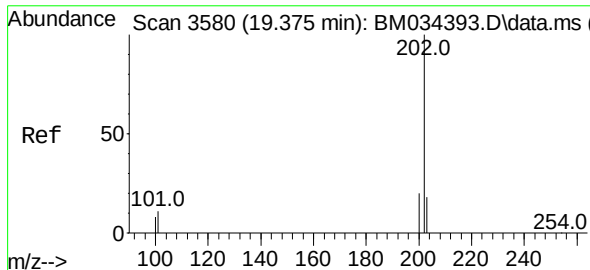
Tgt Ion:	178	Resp:	79215
Ion	Ratio	Lower	Upper
178	100		
179	15.5	15.0	22.6
176	19.5	17.9	26.9



Anthracene
Concen: 3.230 ng/ul
RT: 17.451 min Scan# 3143
Delta R.T. -0.008 min
Lab File: BM034396.D
Acq: 28 Mar 2022 17:49

Tgt Ion:	178	Resp:	74021
Ion	Ratio	Lower	Upper
178	100		
179	15.6	16.5	24.7#
176	18.8	18.3	27.5





Fluoranthene

Concen: 3.130 ng/ul

RT: 19.371 min Scan#

Delta R.T. -0.005 min

Lab File: BM034396.D

Acq: 28 Mar 2022 17:49

Instrument :

BNA_M

ClientSampleId :

SSTD3.2013

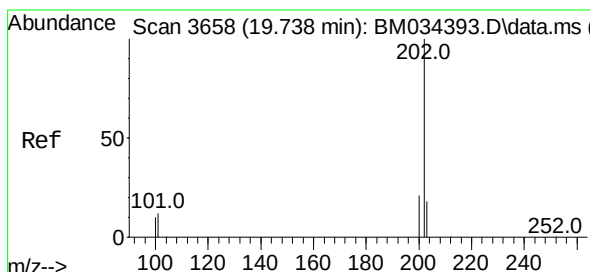
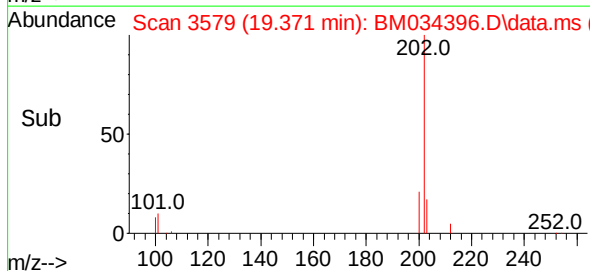
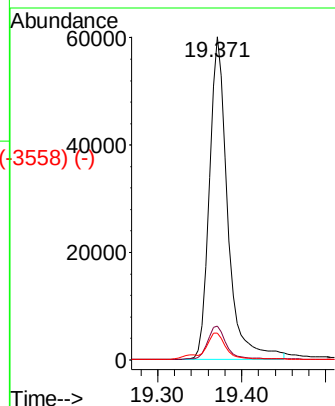
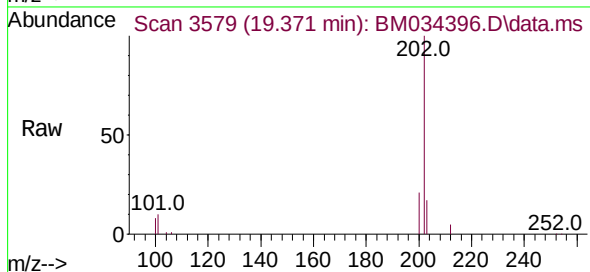
Tgt Ion:202 Resp: 91368

Ion Ratio Lower Upper

202 100

101 10.5 9.2 13.8

100 8.2 7.2 10.8



Pyrene

Concen: 3.259 ng/ul

RT: 19.733 min Scan# 3657

Delta R.T. -0.005 min

Lab File: BM034396.D

Acq: 28 Mar 2022 17:49

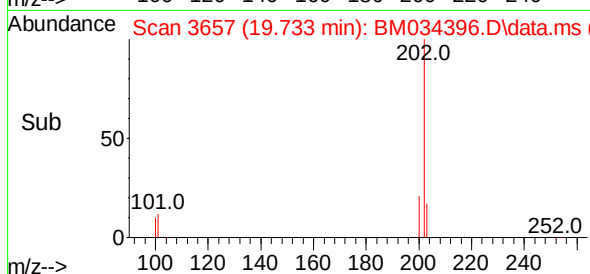
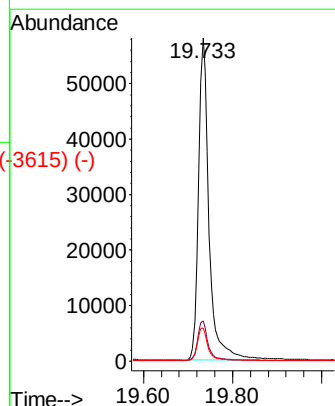
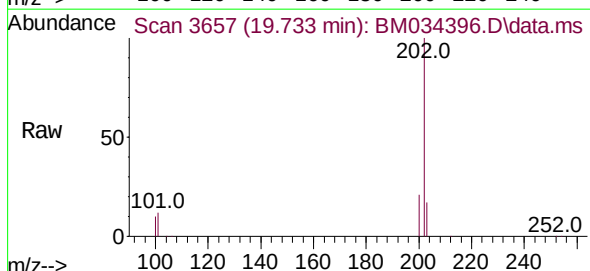
Tgt Ion:202 Resp: 95347

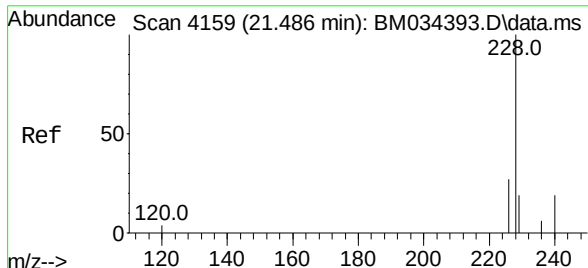
Ion Ratio Lower Upper

202 100

101 12.5 9.3 13.9

100 10.3 7.8 11.6

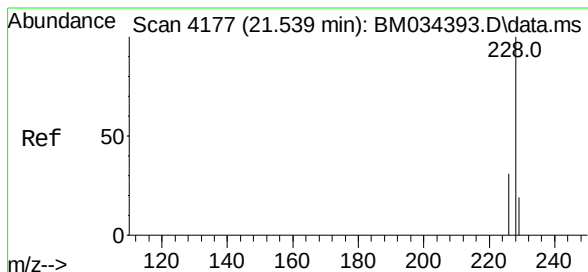
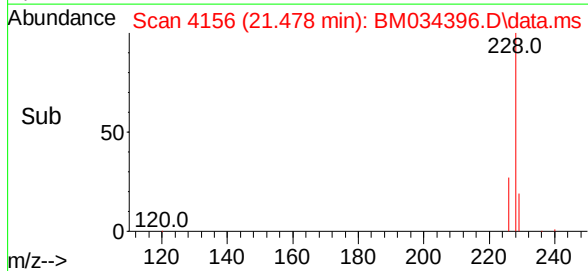
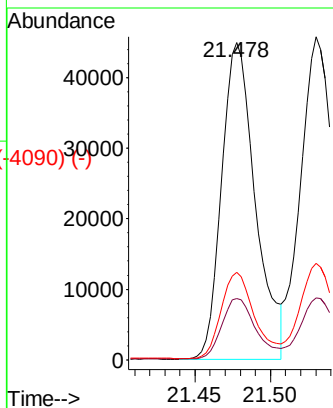
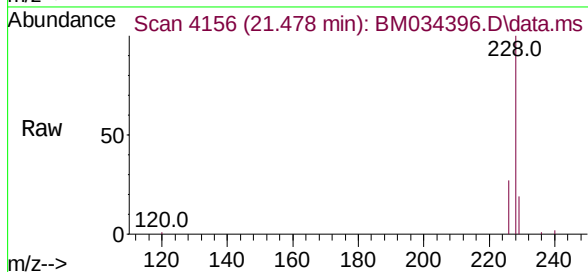




Benzo(a)anthracene
 Concen: 2.801 ng/ul
 RT: 21.478 min Scan# 4159
 Delta R.T. -0.009 min
 Lab File: BM034396.D
 Acq: 28 Mar 2022 17:49

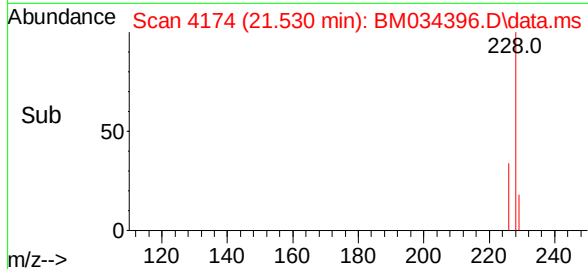
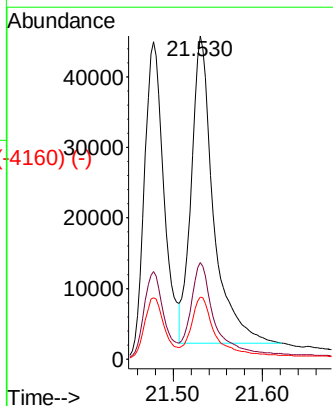
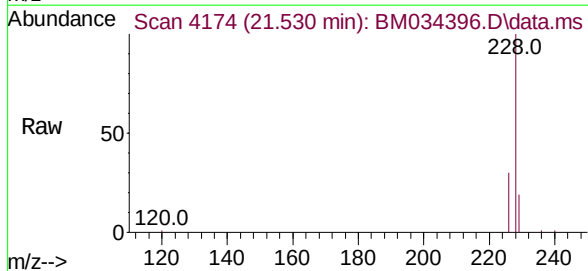
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Tgt Ion:	228	Resp:	69485
Ion	Ratio	Lower	Upper
228	100		
229	19.3	17.3	25.9
226	27.5	23.2	34.8



Chrysene
 Concen: 2.866 ng/ul
 RT: 21.530 min Scan# 4174
 Delta R.T. -0.009 min
 Lab File: BM034396.D
 Acq: 28 Mar 2022 17:49

Tgt Ion:	228	Resp:	75526
Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.8	38.8
229	19.3	16.7	25.1



Abundance Scan 4737 (23.175 min): BM034393.D\data.ms (-4729) (-)

Benzo(b)fluoranthene

Concen: 2.603 ng/ul

RT: 23.170 min Scan# 4729

Delta R.T. -0.006 min

Lab File: BM034396.D

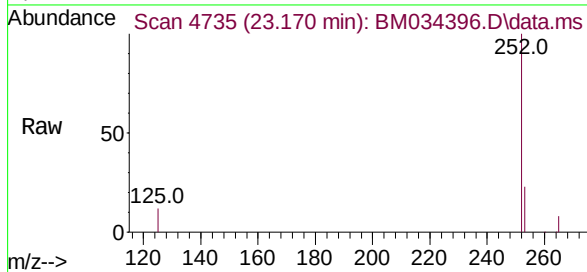
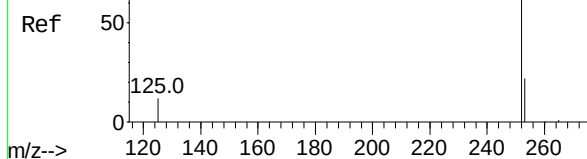
Acq: 28 Mar 2022 17:49

Instrument :

BNA_M

ClientSampleId :

SSTD3.2013



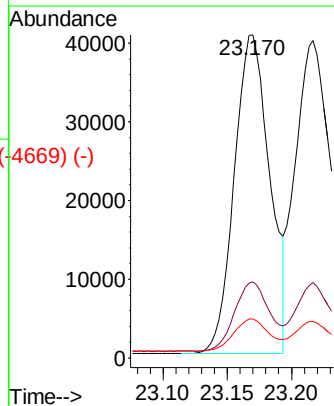
Tgt Ion:252 Resp: 77476

Ion Ratio Lower Upper

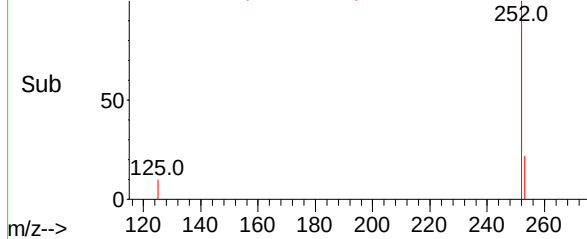
252 100

253 23.5 0.0 64.2

125 12.1 0.0 28.8



Abundance Scan 4735 (23.170 min): BM034396.D\data.ms (-4669) (-)



Abundance Scan 4754 (23.225 min): BM034393.D\data.ms (-4725) (-)

Benzo(k)fluoranthene

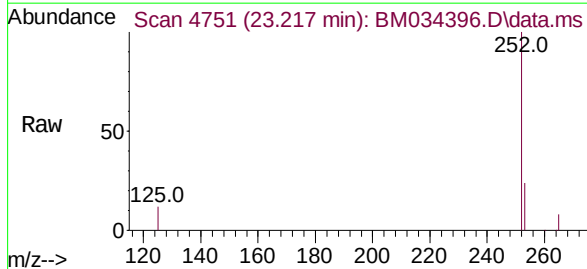
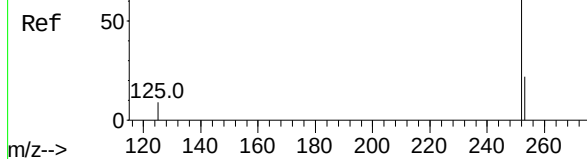
Concen: 2.662 ng/ul

RT: 23.217 min Scan# 4751

Delta R.T. -0.009 min

Lab File: BM034396.D

Acq: 28 Mar 2022 17:49



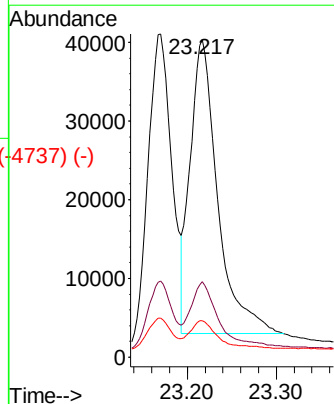
Tgt Ion:252 Resp: 80565

Ion Ratio Lower Upper

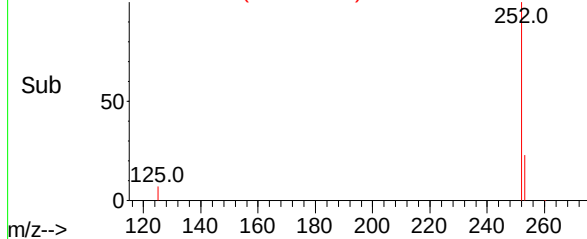
252 100

253 23.7 26.8 40.2#

125 11.5 12.0 18.0#



Abundance Scan 4751 (23.217 min): BM034396.D\data.ms (-4737) (-)



Abundance Scan 4953 (23.807 min): BM034393.D\data.ms (-4926) (-)

Benzo(a)pyrene

Concen: 3.035 ng/ul

RT: 23.801 min Scan# 4926

Delta R.T. -0.006 min

Lab File: BM034396.D

Acq: 28 Mar 2022 17:49

Instrument :

BNA_M

ClientSampleId :

SSTD3.2013

Tgt Ion:252 Resp: 76235

Ion Ratio Lower Upper

252 100

253 24.8 32.0 48.0#

125 15.0 14.5 21.7

Abundance Scan 4951 (23.801 min): BM034396.D\data.ms

252.0

125.0

m/z-->

Raw

50

125.0

252.0

m/z-->

Abundance Scan 4951 (23.801 min): BM034396.D\data.ms (-4919) (-)

252.0

125.0

m/z-->

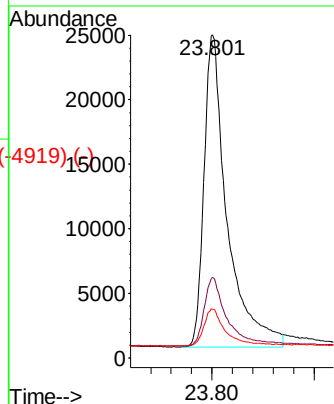
Sub

50

125.0

252.0

m/z-->



Abundance Scan 5789 (26.434 min): BM034393.D\data.ms (-5787) (-)

Indeno(1,2,3-cd)pyrene

Concen: 2.847 ng/ul

RT: 26.418 min Scan# 5784

Delta R.T. -0.017 min

Lab File: BM034396.D

Acq: 28 Mar 2022 17:49

Tgt Ion:276 Resp: 99911

Ion Ratio Lower Upper

276 100

138 23.4 15.8 23.6

227 0.2 0.0 0.0#

Abundance Scan 5784 (26.418 min): BM034396.D\data.ms

276.0

138.0

227.0

m/z-->

Raw

50

138.0

227.0

m/z-->

Abundance Scan 5784 (26.418 min): BM034396.D\data.ms (-5729) (-)

276.0

138.0

227.0

m/z-->

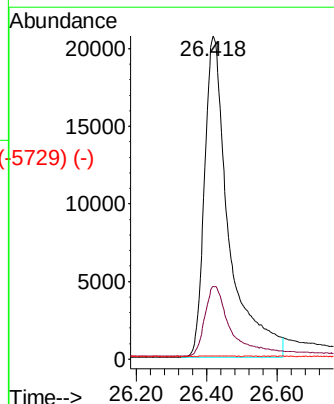
Sub

50

138.0

227.0

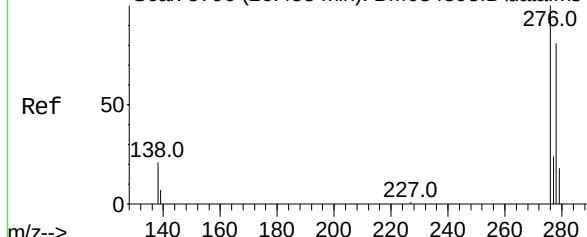
m/z-->



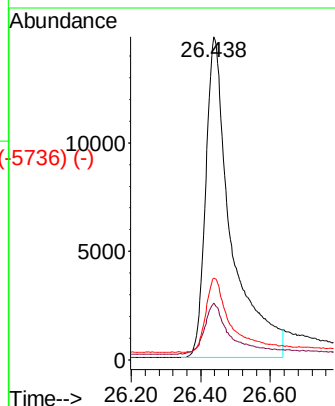
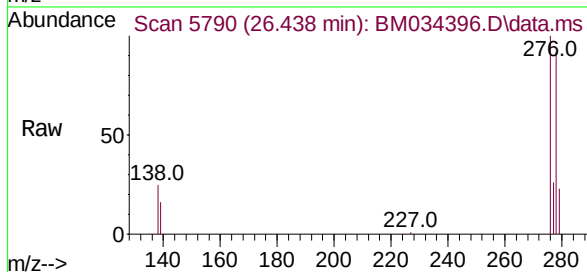
Abundance Scan 5796 (26.458 min): BM034393.D\data.ms (-5728) (-)

Dibenzo(a,h)anthracene
Concen: 2.628 ng/ul
RT: 26.438 min Scan# 5796
Delta R.T. -0.020 min
Lab File: BM034396.D
Acq: 28 Mar 2022 17:49

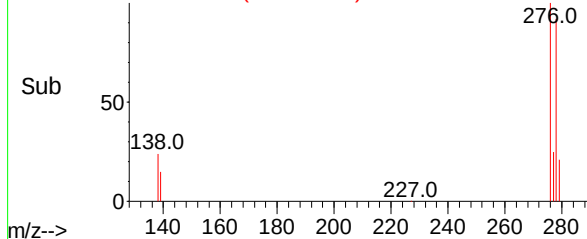
Instrument :
BNA_M
ClientSampleId :
SSTD3.2013



Tgt Ion:	278	Resp:	75320
Ion Ratio	Lower	Upper	
278	100		
139	17.6	18.0	27.0#
279	25.4	28.6	42.8#



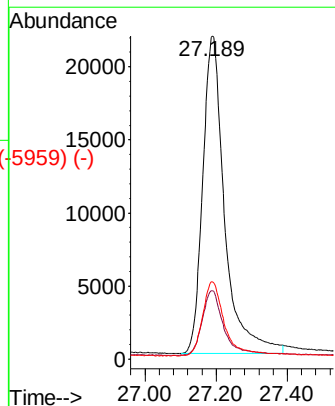
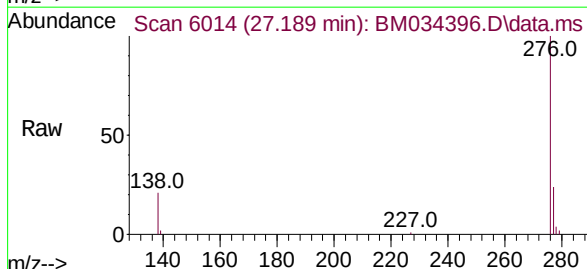
Abundance Scan 5790 (26.438 min): BM034396.D\data.ms (-5736) (-)



Abundance Scan 6019 (27.206 min): BM034393.D\data.ms (-5929) (-)

Benzo(g,h,i)perylene
Concen: 3.031 ng/ul
RT: 27.189 min Scan# 6014
Delta R.T. -0.017 min
Lab File: BM034396.D
Acq: 28 Mar 2022 17:49

Tgt Ion:	276	Resp:	93385
Ion Ratio	Lower	Upper	
276	100		
138	21.2	17.4	26.0
277	23.9	22.6	33.8



Abundance Scan 6014 (27.189 min): BM034396.D\data.ms (-5959) (-)

