

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121421\
 Data File : BM033444.D
 Acq On : 14 Dec 2021 17:00
 Operator : CG/JU
 Sample : SSTD3.220
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.2027

Quant Time: Dec 15 00:39:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 15 00:38:17 2021
 Response via : Initial Calibration

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

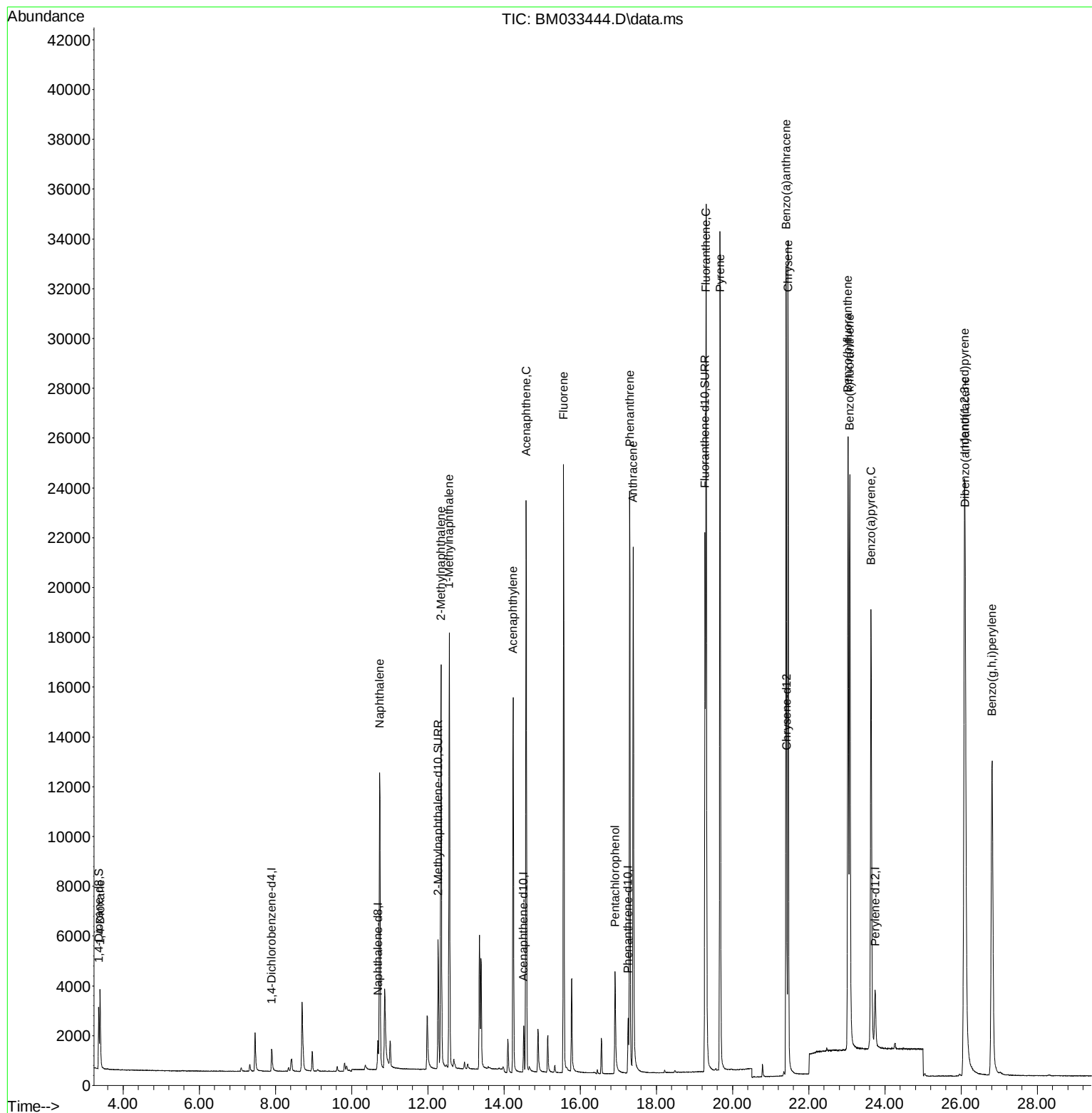
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	610	0.40	ng/ul	0.00
4) Naphthalene-d8	10.688	136	1555	0.40	ng/ul	-0.02
9) Acenaphthene-d10	14.519	164	1042	0.40	ng/ul	-0.01
13) Phenanthrene-d10	17.257	188	2635	0.40	ng/ul	-0.02
17) Chrysene-d12	21.422	240	3820	0.40	ng/ul	-0.01
23) Perylene-d12	23.745	264	3597	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.362	96	1448	2.32	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.272	152	6831	3.21	ng/ul	-0.03
18) Fluoranthene-d10	19.277	212	25955	2.61	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.396	88	1966	2.71	ng/ul#	81
5) Naphthalene	10.738	128	17354	3.64	ng/ul#	88
7) 2-Methylnaphthalene	12.348	142	11336	3.72	ng/ul	97
8) 1-Methylnaphthalene	12.564	142	11312	3.72	ng/ul	98
10) Acenaphthylene	14.242	152	18049	3.39	ng/ul#	90
11) Acenaphthene	14.580	153	13872	3.42	ng/ul	97
12) Fluorene	15.565	166	15735	3.38	ng/ul#	96
14) Pentachlorophenol	16.917	266	3533	4.04	ng/ul	97
15) Phenanthrene	17.299	178	25682	2.97	ng/ul	95
16) Anthracene	17.392	178	25149	3.20	ng/ul#	92
19) Fluoranthene	19.307	202	30981	2.16	ng/ul	97
20) Pyrene	19.673	202	31746	2.11	ng/ul#	92
21) Benzo(a)anthracene	21.405	228	29177	2.47	ng/ul	96
22) Chrysene	21.458	228	30846	2.23	ng/ul	96
24) Benzo(b)fluoranthene	23.032	252	32563	2.48	ng/ul	86
25) Benzo(k)fluoranthene	23.078	252	33986	2.29	ng/ul#	84
26) Benzo(a)pyrene	23.635	252	29083	2.39	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.087	276	34985	2.20	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.107	278	29632	2.26	ng/ul#	83
29) Benzo(g,h,i)perylene	26.812	276	29740	2.08	ng/ul	96

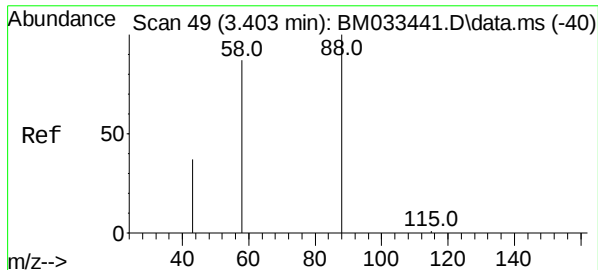
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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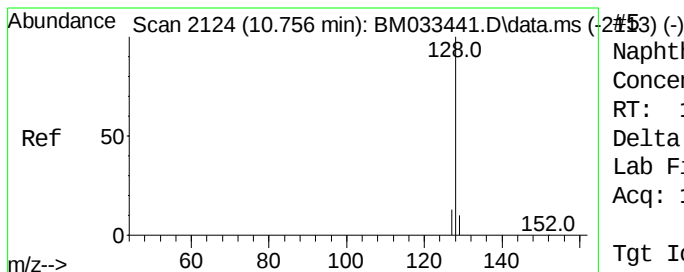
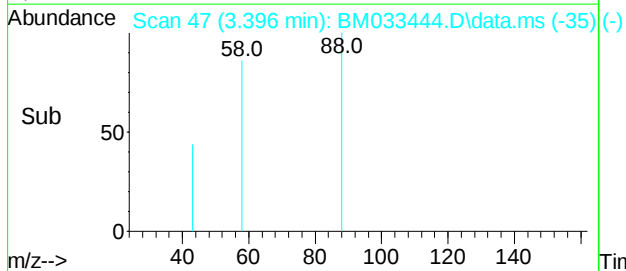
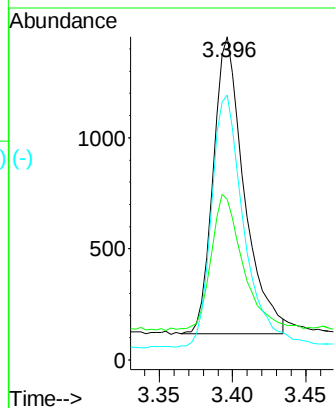
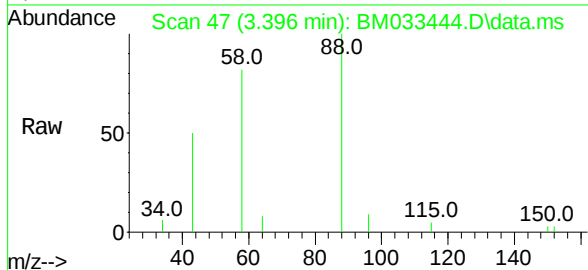




1,4-Dioxane
Concen: 2.71 ng/ul
RT: 3.396 min Scan# 41
Delta R.T. -0.007 min
Lab File: BM033444.D
Acq: 14 Dec 2021 17:00

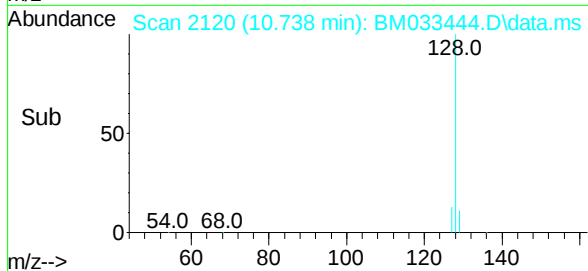
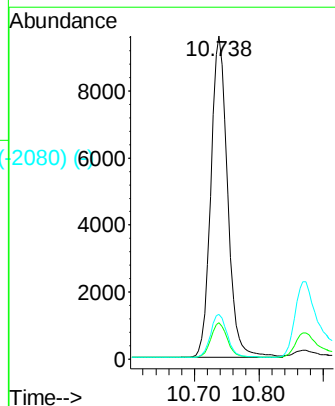
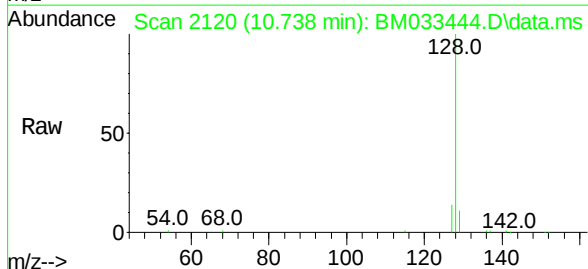
Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

Tgt Ion:	88	Resp:	1966
Ion	Ratio	Lower	Upper
88	100		
43	49.6	49.7	74.5#
58	82.1	52.5	78.7#



Naphthalene
Concen: 3.64 ng/ul
RT: 10.738 min Scan# 2120
Delta R.T. -0.018 min
Lab File: BM033444.D
Acq: 14 Dec 2021 17:00

Tgt Ion:	128	Resp:	17354
Ion	Ratio	Lower	Upper
128	100		
129	11.3	13.4	20.2#
127	13.9	15.2	22.8#



Abundance Scan 2483 (12.371 min): BM033441.D\data.ms (-2473) (-)

2-Methylnaphthalene

Concen: 3.72 ng/ul

RT: 12.348 min Scan#

Delta R.T. -0.022 min

Lab File: BM033444.D

Acq: 14 Dec 2021 17:00

Instrument :

BNA_M

ClientSampleId :

SSTD3.2027

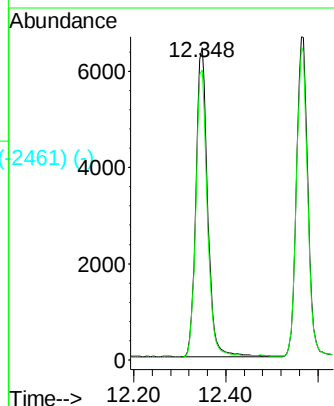
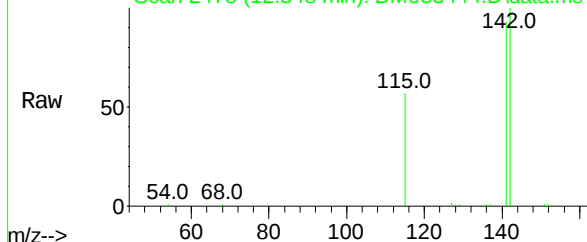
Tgt Ion:142 Resp: 11336

Ion Ratio Lower Upper

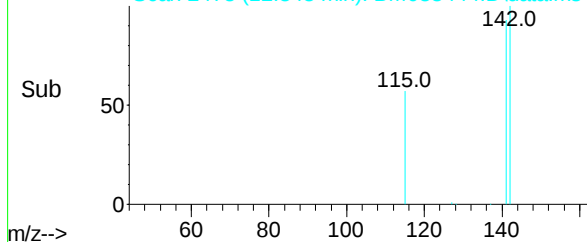
142 100

141 92.2 71.8 107.6

Abundance Scan 2478 (12.348 min): BM033444.D\data.ms



Abundance Scan 2478 (12.348 min): BM033444.D\data.ms (-2461) (-)



Abundance Scan 2530 (12.582 min): BM033441.D\data.ms (-2519) (-)

1-Methylnaphthalene

Concen: 3.72 ng/ul

RT: 12.564 min Scan# 2526

Delta R.T. -0.018 min

Lab File: BM033444.D

Acq: 14 Dec 2021 17:00

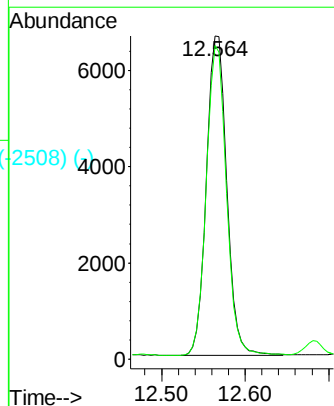
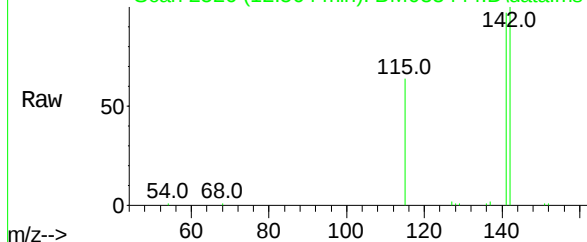
Tgt Ion:142 Resp: 11312

Ion Ratio Lower Upper

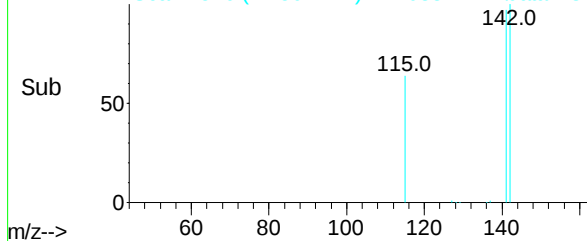
142 100

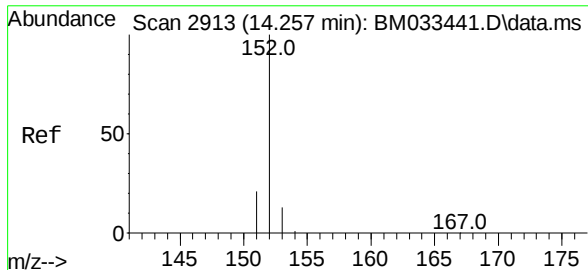
141 95.7 75.0 112.4

Abundance Scan 2526 (12.564 min): BM033444.D\data.ms



Abundance Scan 2526 (12.564 min): BM033444.D\data.ms (-2508) (-)

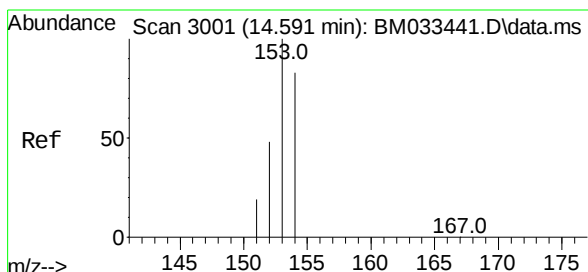
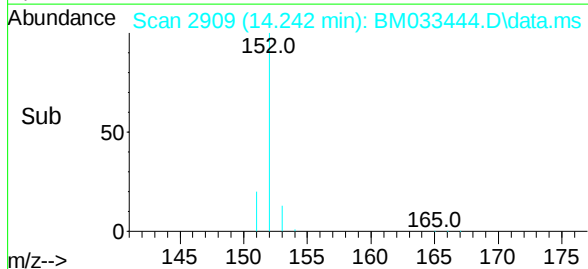
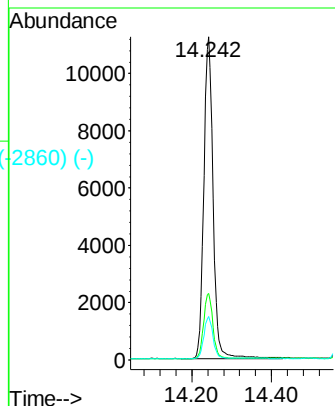
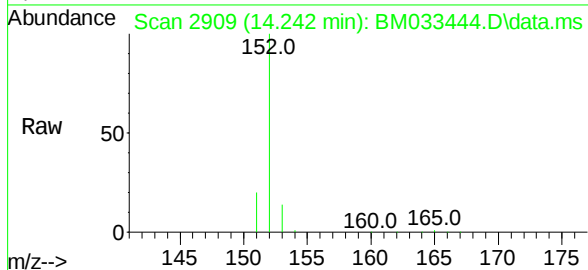




Acenaphthylene
Concen: 3.39 ng/ul
RT: 14.242 min Scan# 2909
Delta R.T. -0.015 min
Lab File: BM033444.D
Acq: 14 Dec 2021 17:00

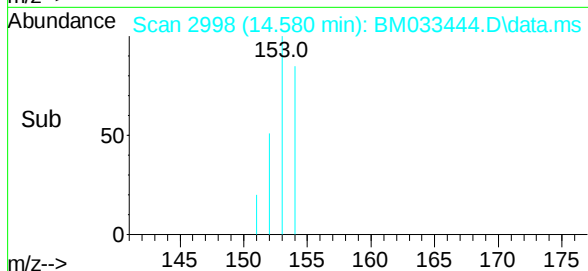
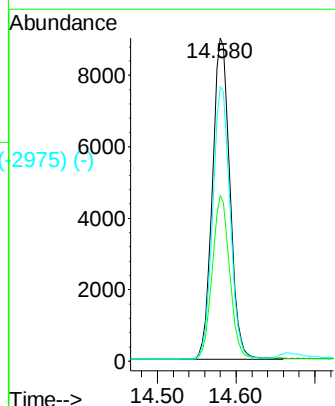
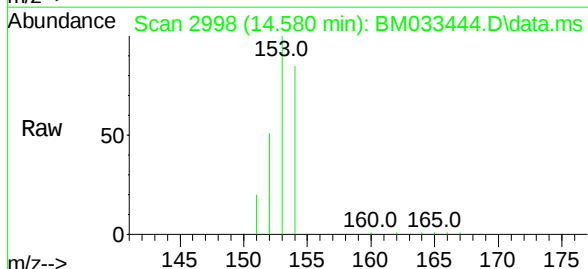
Instrument :
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SSTD3.2027

Tgt Ion:	152	Resp:	18049
Ion	Ratio	Lower	Upper
152	100		
151	20.5	19.9	29.9
153	13.5	15.0	22.4#

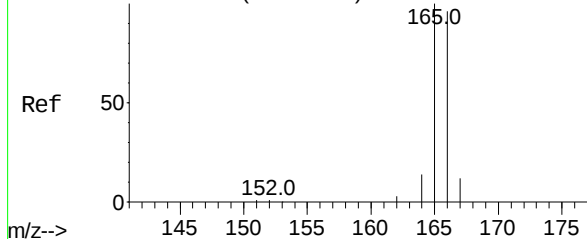


Acenaphthene
Concen: 3.42 ng/ul
RT: 14.580 min Scan# 2998
Delta R.T. -0.011 min
Lab File: BM033444.D
Acq: 14 Dec 2021 17:00

Tgt Ion:	153	Resp:	13872
Ion	Ratio	Lower	Upper
153	100		
152	51.2	42.4	63.6
154	85.0	66.2	99.2



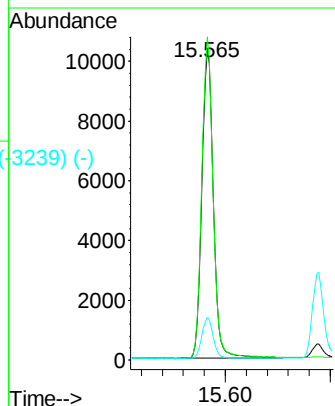
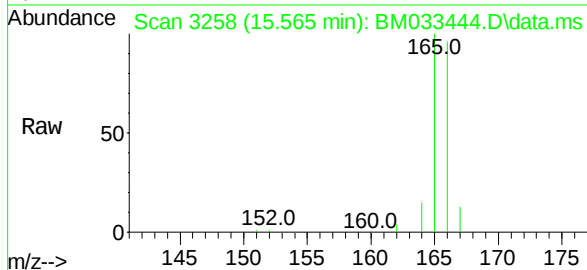
Abundance Scan 3265 (15.592 min): BM033441.D\data.ms (-3212) (-)



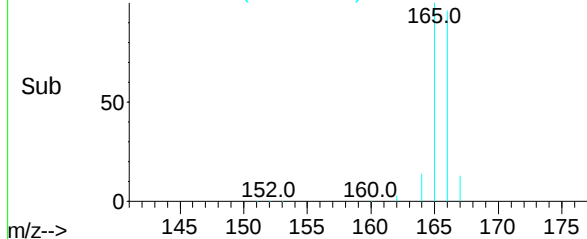
Fluorene
Concen: 3.38 ng/ul
RT: 15.565 min Scan# 3258
Delta R.T. -0.026 min
Lab File: BM033444.D
Acq: 14 Dec 2021 17:00

Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

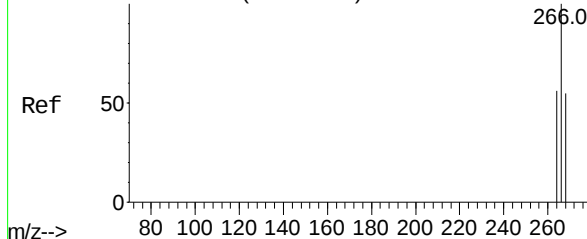
Tgt Ion:	166	Resp:	15735
Ion Ratio	Lower	Upper	
166	100		
165	104.1	81.1	121.7
167	13.9	14.9	22.3#



Abundance Scan 3258 (15.565 min): BM033444.D\data.ms (-3239) (-)

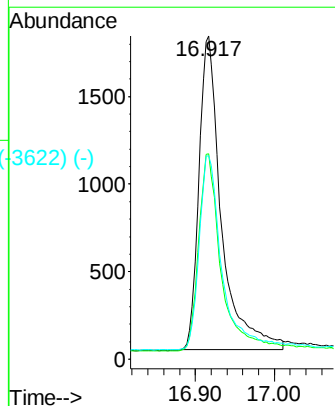
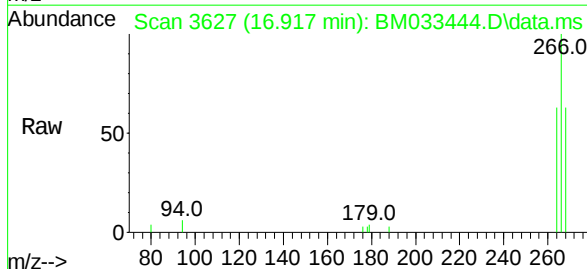


Abundance Scan 3636 (16.948 min): BM033441.D\data.ms (-3616) (-)

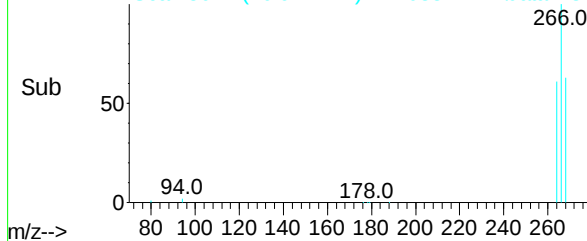


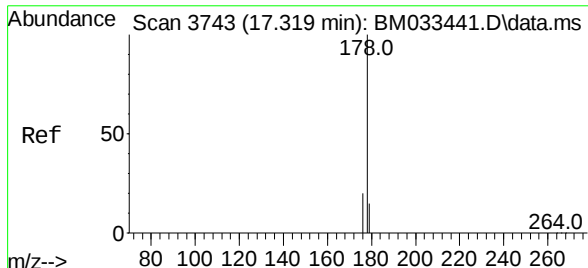
Pentachlorophenol
Concen: 4.04 ng/ul
RT: 16.917 min Scan# 3627
Delta R.T. -0.031 min
Lab File: BM033444.D
Acq: 14 Dec 2021 17:00

Tgt Ion:	266	Resp:	3533
Ion Ratio	Lower	Upper	
266	100		
264	62.6	51.4	77.0
268	62.7	53.1	79.7



Abundance Scan 3627 (16.917 min): BM033444.D\data.ms (-3622) (-)

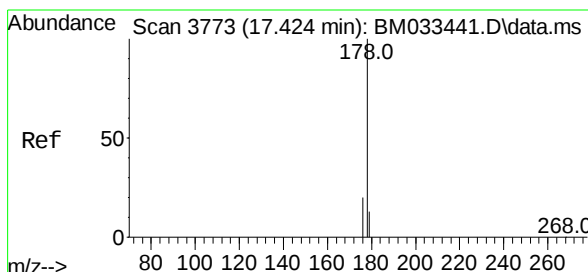
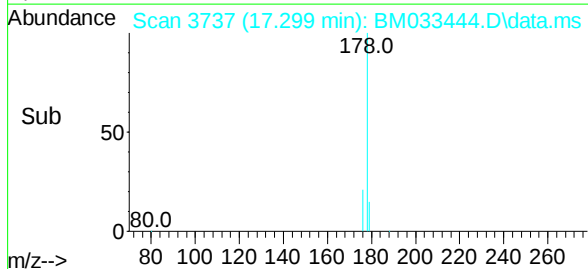
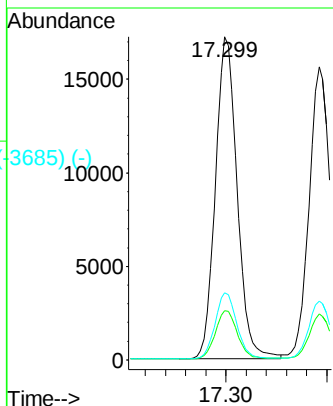
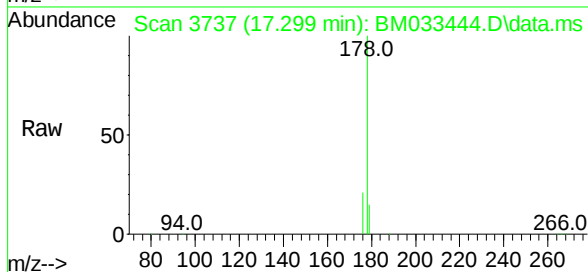




Scan 3743 (17.319 min): BM033441.D\data.ms (-3735) (-)
 Phenanthrene
 Concen: 2.97 ng/ul
 RT: 17.299 min Scan# 3735
 Delta R.T. -0.021 min
 Lab File: BM033444.D
 Acq: 14 Dec 2021 17:00

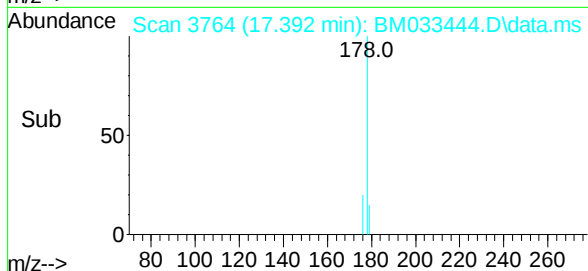
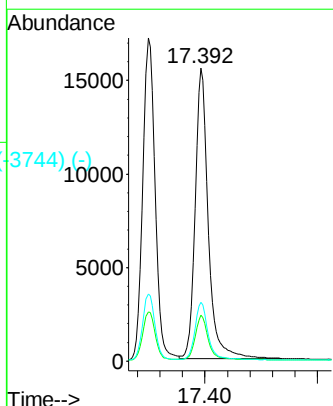
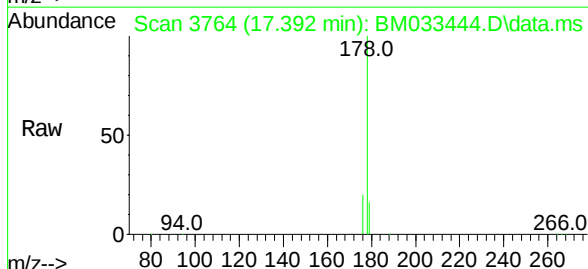
Instrument :
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Tgt Ion:	178	Resp:	25682
Ion Ratio	Lower	Upper	
178	100		
179	15.3	15.0	22.6
176	20.8	17.9	26.9

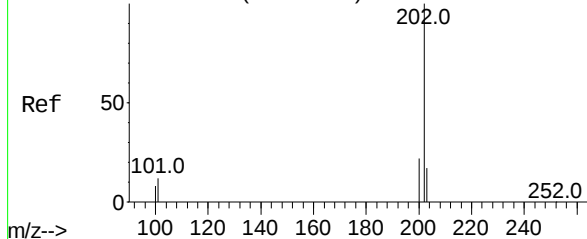


Scan 3773 (17.424 min): BM033441.D\data.ms (-3745) (-)
 Anthracene
 Concen: 3.20 ng/ul
 RT: 17.392 min Scan# 3764
 Delta R.T. -0.031 min
 Lab File: BM033444.D
 Acq: 14 Dec 2021 17:00

Tgt Ion:	178	Resp:	25149
Ion Ratio	Lower	Upper	
178	100		
179	15.7	16.5	24.7#
176	20.2	18.3	27.5



Abundance Scan 4299 (19.322 min): BM033441.D\data.ms (-4299) (-)



Fluoranthene

Concen: 2.16 ng/ul

RT: 19.307 min Scan# 4299

Delta R.T. -0.015 min

Lab File: BM033444.D

Acq: 14 Dec 2021 17:00

Instrument :

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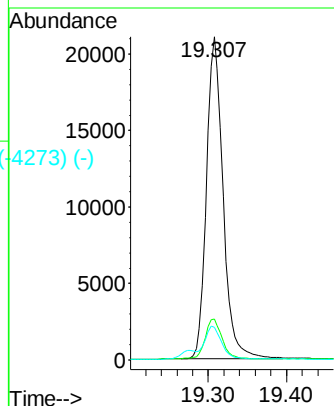
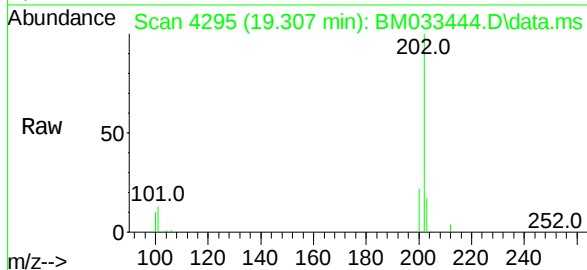
Tgt Ion:202 Resp: 30981

Ion Ratio Lower Upper

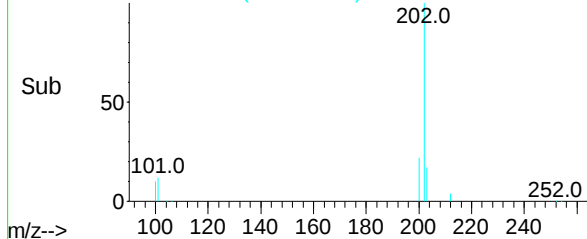
202 100

101 12.7 9.2 13.8

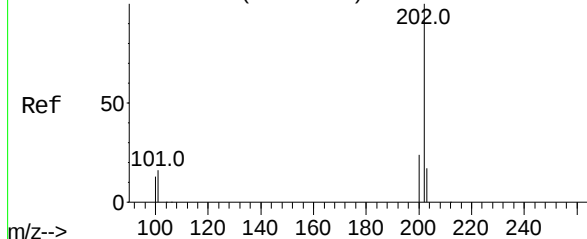
100 10.0 7.2 10.8



Abundance Scan 4295 (19.307 min): BM033444.D\data.ms (-4273) (-)



Abundance Scan 4394 (19.684 min): BM033441.D\data.ms (-4320) (-)



Pyrene

Concen: 2.11 ng/ul

RT: 19.673 min Scan# 4391

Delta R.T. -0.011 min

Lab File: BM033444.D

Acq: 14 Dec 2021 17:00

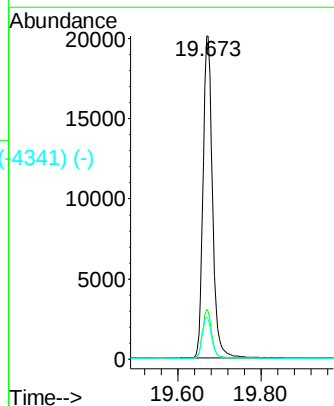
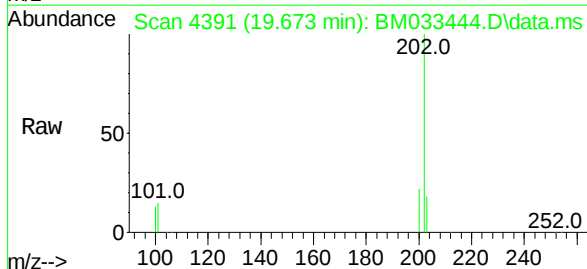
Tgt Ion:202 Resp: 31746

Ion Ratio Lower Upper

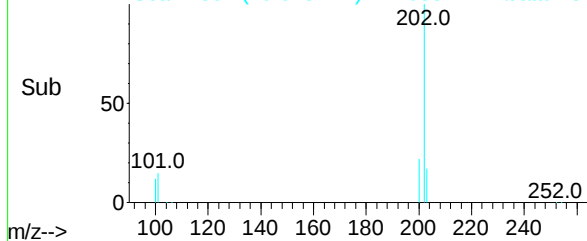
202 100

101 14.9 9.3 13.9#

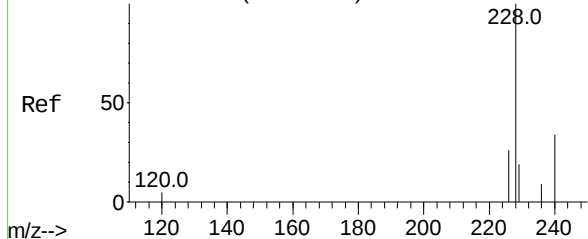
100 12.6 7.8 11.6#



Abundance Scan 4391 (19.673 min): BM033444.D\data.ms (-4341) (-)



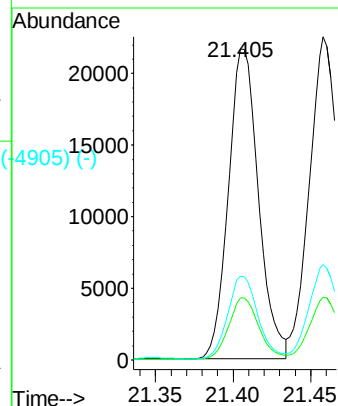
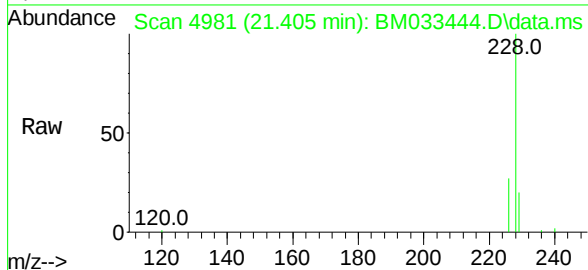
Abundance Scan 4988 (21.421 min): BM033441.D\data.ms (-4971) (-)



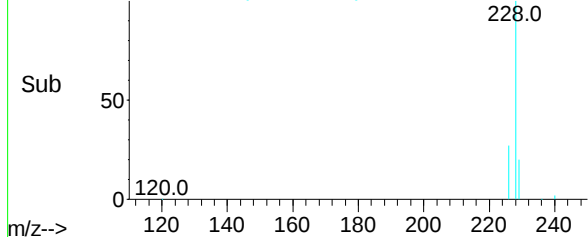
Benzo(a)anthracene
Concen: 2.47 ng/ul
RT: 21.405 min Scan# 4981
Delta R.T. -0.017 min
Lab File: BM033444.D
Acq: 14 Dec 2021 17:00

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SSTD3.2027

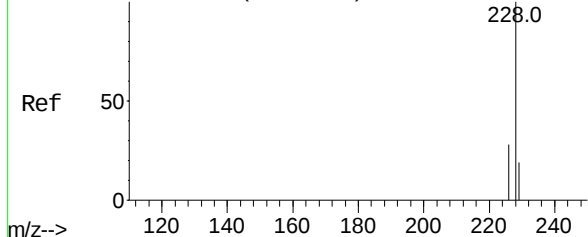
Tgt Ion:228 Resp: 29177
Ion Ratio Lower Upper
228 100
229 19.9 17.3 25.9
226 26.9 23.2 34.8



Abundance Scan 4981 (21.405 min): BM033444.D\data.ms (-4905) (-)

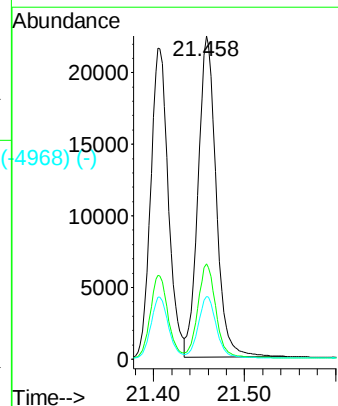
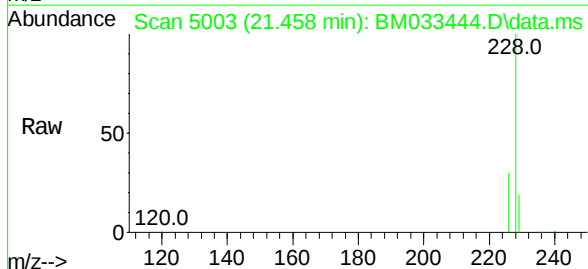


Abundance Scan 5009 (21.472 min): BM033441.D\data.ms (-5000) (-)

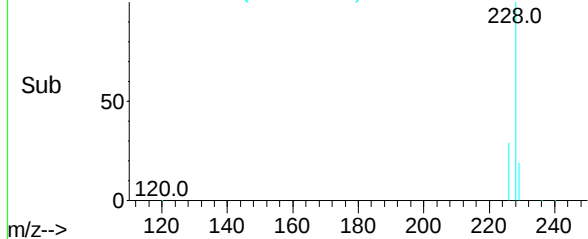


Chrysene
Concen: 2.23 ng/ul
RT: 21.458 min Scan# 5003
Delta R.T. -0.014 min
Lab File: BM033444.D
Acq: 14 Dec 2021 17:00

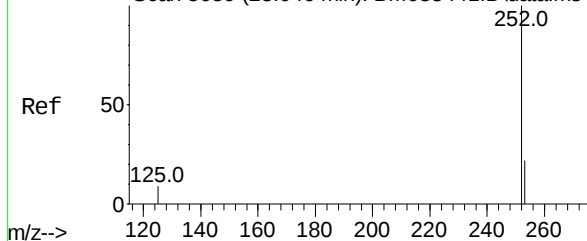
Tgt Ion:228 Resp: 30846
Ion Ratio Lower Upper
228 100
226 29.5 25.8 38.8
229 19.3 16.7 25.1



Abundance Scan 5003 (21.458 min): BM033444.D\data.ms (-4968) (-)



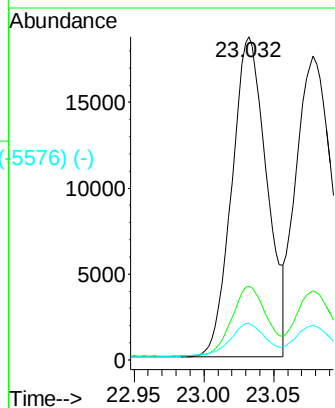
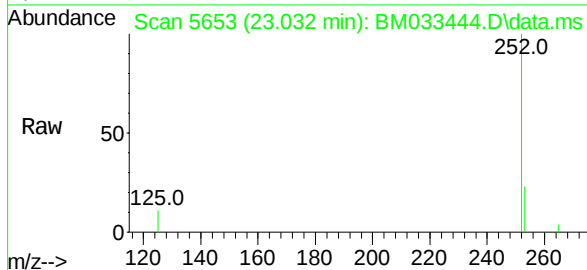
Abundance Scan 5659 (23.046 min): BM033441.D\data.ms (-5624) (-)



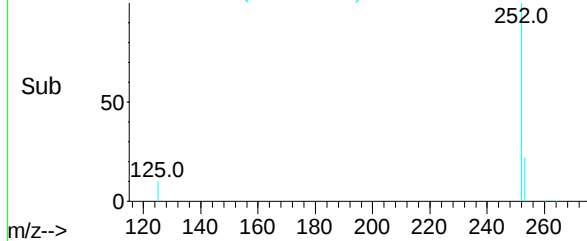
Benzo(b)fluoranthene
Concen: 2.48 ng/ul
RT: 23.032 min Scan# 5624
Delta R.T. -0.014 min
Lab File: BM033444.D
Acq: 14 Dec 2021 17:00

Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

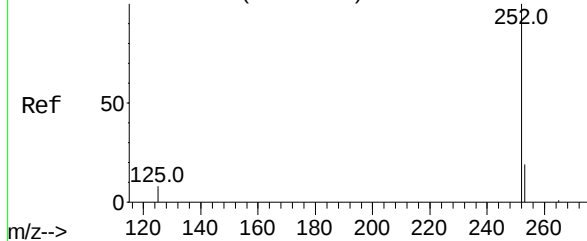
Tgt Ion:252 Resp: 32563
Ion Ratio Lower Upper
252 100
253 22.7 0.0 64.2
125 11.3 0.0 28.8



Abundance Scan 5653 (23.032 min): BM033444.D\data.ms (-5576) (-)

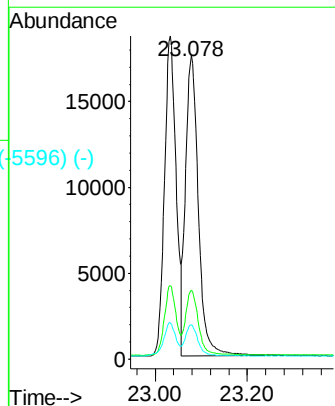
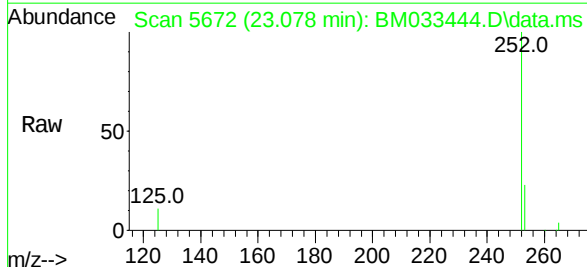


Abundance Scan 5679 (23.095 min): BM033441.D\data.ms (-5625) (-)

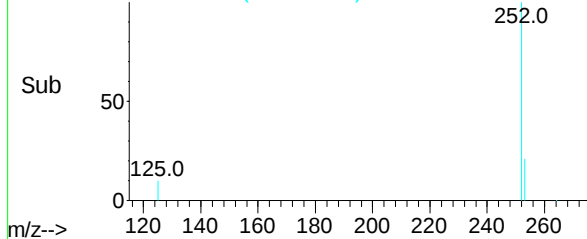


Benzo(k)fluoranthene
Concen: 2.29 ng/ul
RT: 23.078 min Scan# 5672
Delta R.T. -0.017 min
Lab File: BM033444.D
Acq: 14 Dec 2021 17:00

Tgt Ion:252 Resp: 33986
Ion Ratio Lower Upper
252 100
253 22.6 26.8 40.2#
125 11.4 12.0 18.0#



Abundance Scan 5672 (23.078 min): BM033444.D\data.ms (-5596) (-)



Abundance Scan 5910 (23.654 min): BM033441.D\data.ms (-5826) (-)

Benzo(a)pyrene

Concen: 2.39 ng/ul

RT: 23.635 min Scan# 5826

Delta R.T. -0.019 min

Lab File: BM033444.D

Acq: 14 Dec 2021 17:00

Instrument :

BNA_M

ClientSampleId :

SSTD3.2027

Tgt Ion:252 Resp: 29083

Ion Ratio Lower Upper

252 100

253 22.9 32.0 48.0#

125 12.4 14.5 21.7#

Abundance Scan 5902 (23.635 min): BM033444.D\data.ms

Raw

m/z-->

Abundance Scan 5902 (23.635 min): BM033444.D\data.ms (-5869) (-)

Sub

m/z-->

Abundance

23.635

10000

5000

0

Time-->

Abundance Scan 5902 (23.635 min): BM033444.D\data.ms (-5869) (-)

Sub

m/z-->

Abundance Scan 6928 (26.121 min): BM033441.D\data.ms (-6825) (-)

Ref

m/z-->

Indeno(1,2,3-cd)pyrene

Concen: 2.20 ng/ul

RT: 26.087 min Scan# 6914

Delta R.T. -0.034 min

Lab File: BM033444.D

Acq: 14 Dec 2021 17:00

Tgt Ion:276 Resp: 34985

Ion Ratio Lower Upper

276 100

138 24.1 15.8 23.6#

227 0.0 0.0 0.0

Abundance Scan 6914 (26.087 min): BM033444.D\data.ms

Raw

m/z-->

Abundance Scan 6914 (26.087 min): BM033444.D\data.ms (-6845) (-)

Sub

m/z-->

Abundance

26.087

10000

8000

6000

4000

2000

0

Time-->

Abundance Scan 6914 (26.087 min): BM033444.D\data.ms (-6845) (-)

Sub

m/z-->

Abundance Scan 6939 (26.148 min): BM033441.D\data.ms (-6828) (-)

Dibenzo(a,h)anthracene

Concen: 2.26 ng/ul

RT: 26.107 min Scan# 6922

Delta R.T. -0.041 min

Lab File: BM033444.D

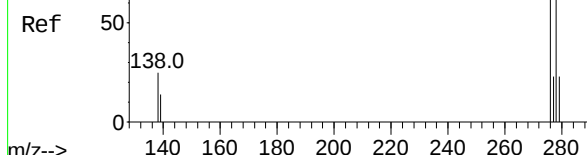
Acq: 14 Dec 2021 17:00

Instrument :

BNA_M

ClientSampleId :

SSTD3.2027



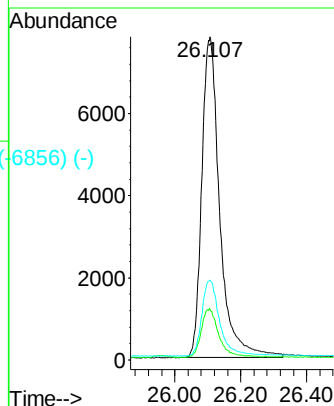
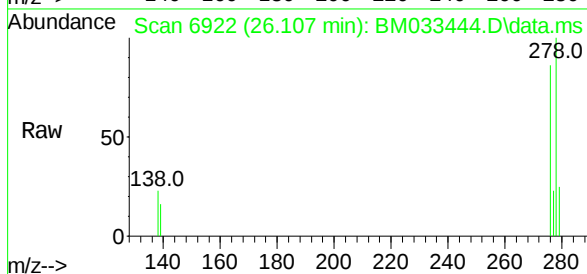
Tgt Ion:278 Resp: 29632

Ion Ratio Lower Upper

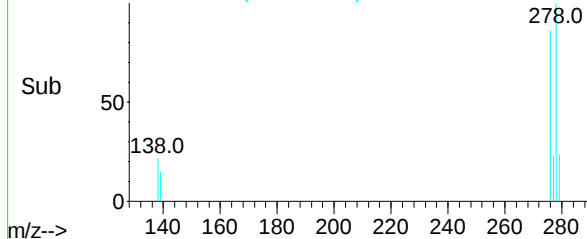
278 100

139 15.9 18.0 27.0#

279 24.7 28.6 42.8#



Abundance Scan 6922 (26.107 min): BM033444.D\data.ms (-6856) (-)



Abundance Scan 7225 (26.840 min): BM033441.D\data.ms (-7129) (-)

Benzo(g,h,i)perylene

Concen: 2.08 ng/ul

RT: 26.812 min Scan# 7213

Delta R.T. -0.029 min

Lab File: BM033444.D

Acq: 14 Dec 2021 17:00

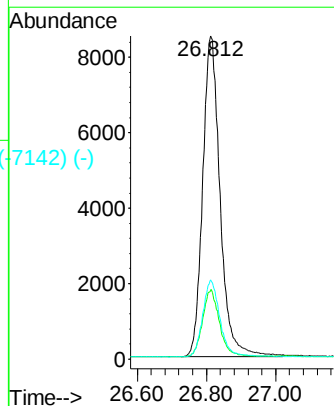
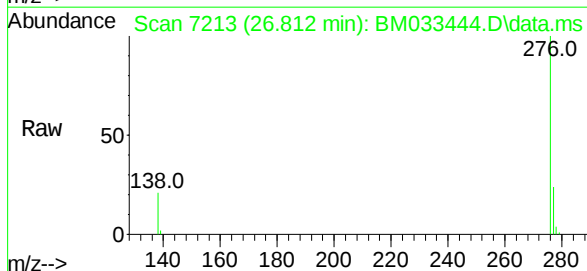
Tgt Ion:276 Resp: 29740

Ion Ratio Lower Upper

276 100

138 21.4 17.4 26.0

277 24.5 22.6 33.8



Abundance Scan 7213 (26.812 min): BM033444.D\data.ms (-7142) (-)

