

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010422\
 Data File : BM033633.D
 Acq On : 04 Jan 2022 19:44
 Operator : CG/JU
 Sample : PB141819BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS819

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/05/2022
 Supervised By :Yogesh Patel 01/06/2022

Quant Time: Jan 05 00:25:48 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 04 15:58:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.991	152	3980	0.400	ng/ul	0.00
4) Naphthalene-d8	10.805	136	13275	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.625	164	6458	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.361	188	11410	0.400	ng/ul	0.00
17) Chrysene-d12	21.523	240	8055	0.400	ng/ul	# 0.00
23) Perylene-d12	23.953	264	8716	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	2987	0.705	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	6849	0.379	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	9944	0.399	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.365	88	8488	1.835	ng/ul#	73
5) Naphthalene	10.855	128	14342	0.373	ng/ul#	88
7) 2-Methylnaphthalene	12.465	142	9257	0.375	ng/ul	100
8) 1-Methylnaphthalene	12.681	142	8773	0.362	ng/ul	100
10) Acenaphthylene	14.344	152	11040	0.370	ng/ul#	90
11) Acenaphthene	14.690	153	9050	0.380	ng/ul	95
12) Fluorene	15.668	166	10617m	0.373	ng/ul	
14) Pentachlorophenol	17.007	266	1948	0.433	ng/ul	96
15) Phenanthrene	17.403	178	14414	0.390	ng/ul	95
16) Anthracene	17.493	178	13024	0.384	ng/ul#	92
19) Fluoranthene	19.410	202	15326	0.406	ng/ul	98
20) Pyrene	19.769	202	15437	0.404	ng/ul#	92
21) Benzo(a)anthracene	21.506	228	13870	0.415	ng/ul	98
22) Chrysene	21.560	228	14307	0.418	ng/ul	97
24) Benzo(b)fluoranthene	23.209	252	15031	0.394	ng/ul	91
25) Benzo(k)fluoranthene	23.258	252	15246m	0.407	ng/ul	
26) Benzo(a)pyrene	23.844	252	13656	0.411	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.487	276	17846	0.413	ng/ul#	77
28) Dibenzo(a,h)anthracene	26.509	278	14393	0.419	ng/ul#	91
29) Benzo(g,h,i)perylene	27.270	276	15087	0.406	ng/ul#	93

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

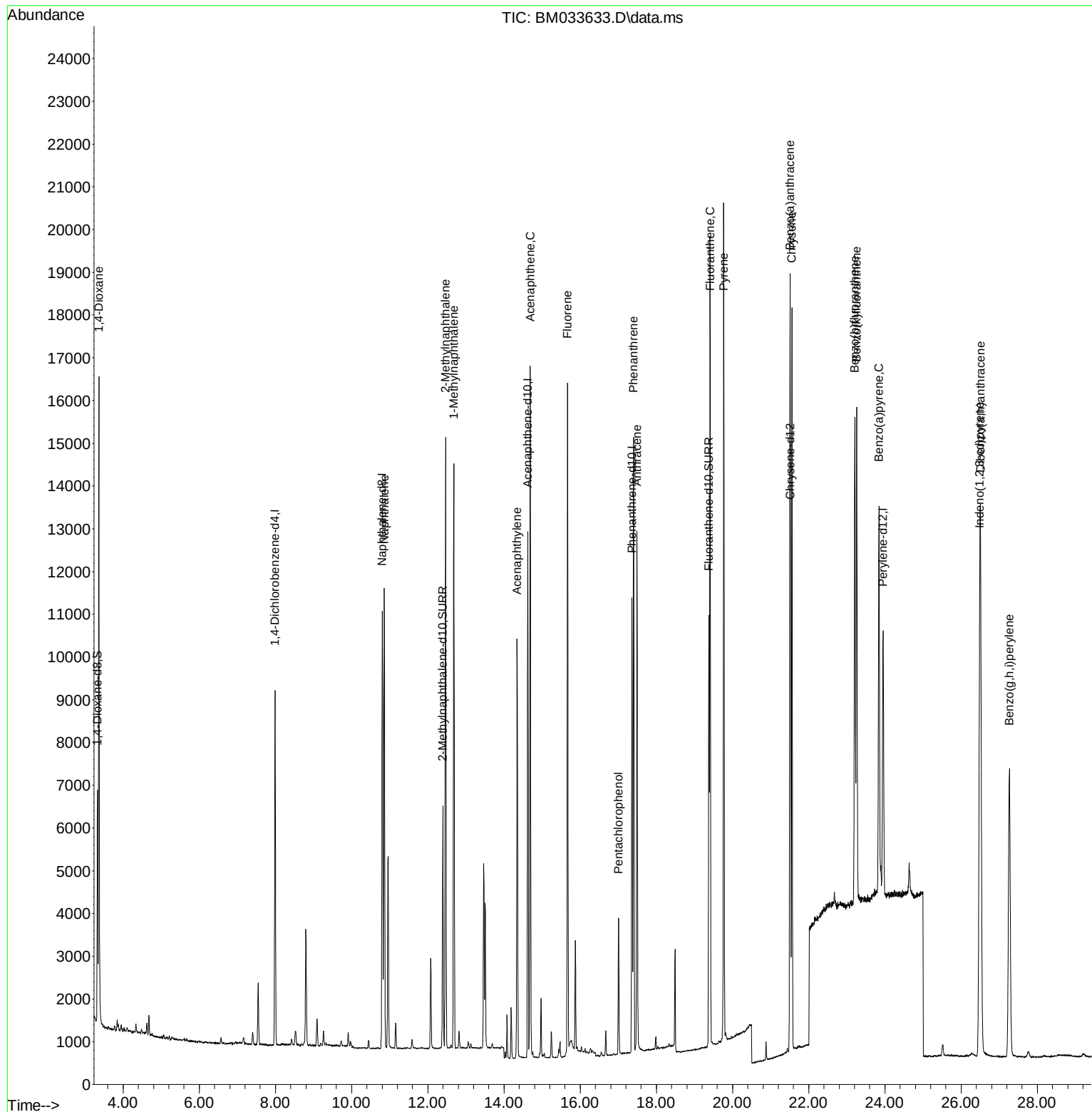
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010422\
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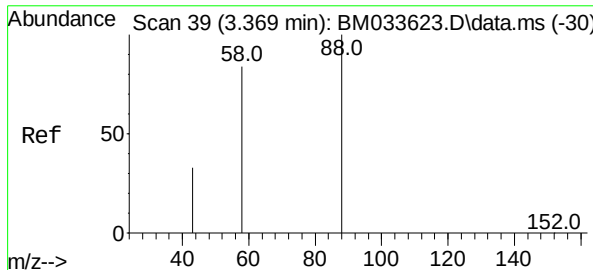
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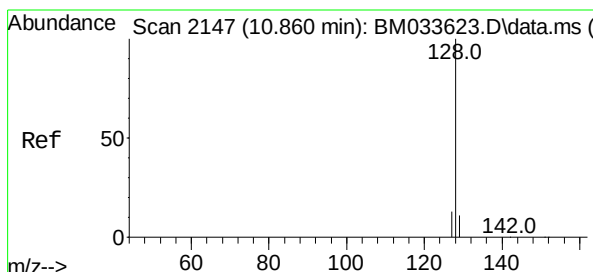
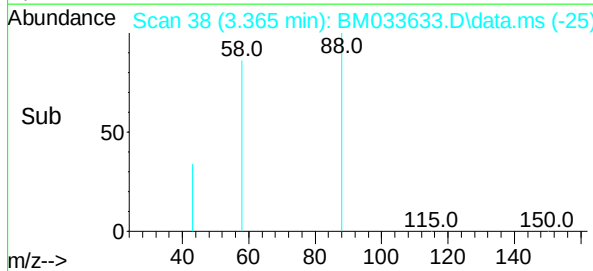
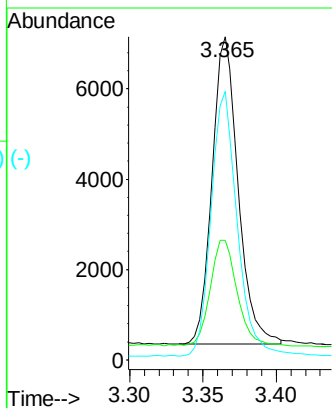
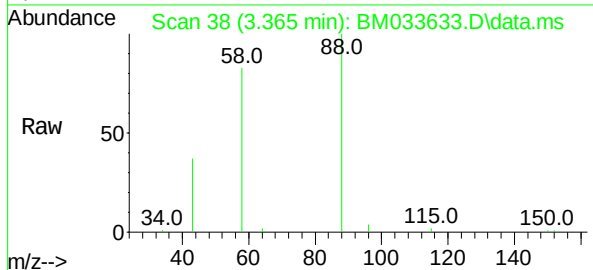
1,4-Dioxane
Concen: 1.835 ng/ul
RT: 3.365 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM033633.D
Acq: 04 Jan 2022 19:44

Instrument :
BNA_M
ClientSampleId :
SLCS819

Tgt Ion: 88 Resp: 848
Ion Ratio Lower Upper
88 100
43 37.0 49.7 74.5
58 83.2 52.5 78.7

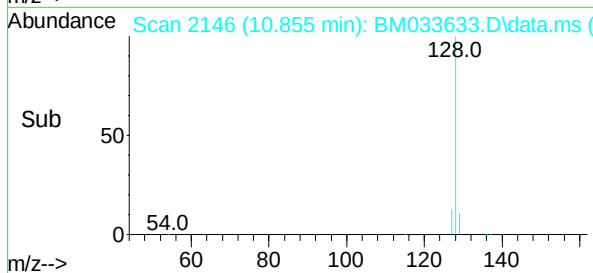
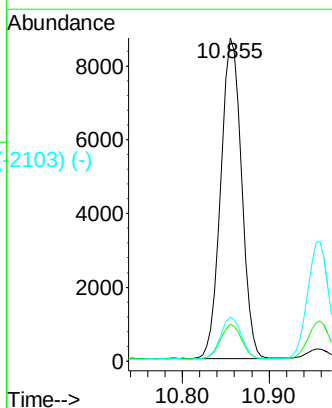
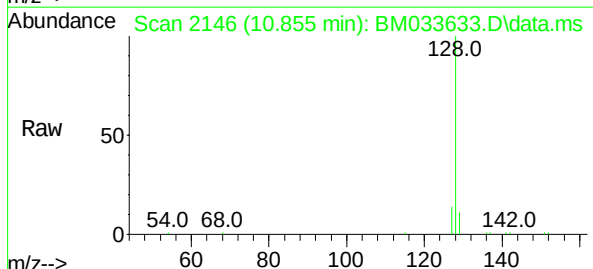
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Naphthalene
Concen: 0.373 ng/ul
RT: 10.855 min Scan# 2146
Delta R.T. -0.005 min
Lab File: BM033633.D
Acq: 04 Jan 2022 19:44

Tgt Ion:128 Resp: 14342
Ion Ratio Lower Upper
128 100
129 11.4 13.4 20.2#
127 13.7 15.2 22.8#



Abundance Scan 2505 (12.470 min): BM033623.D\data.ms (-2475) (-)

2-Methylnaphthalene

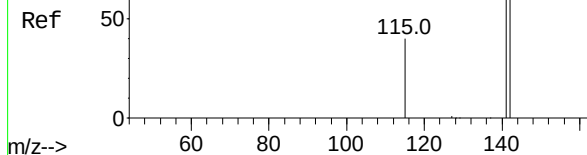
Concen: 0.375 ng/ul

RT: 12.465 min Scan# 2504

Delta R.T. -0.005 min

Lab File: BM033633.D

Acq: 04 Jan 2022 19:44



Tgt Ion:142 Resp: 925

Ion Ratio Lower Upper

142 100

141 89.8 71.8 107.6

Instrument :

BNA_M

ClientSampleId :

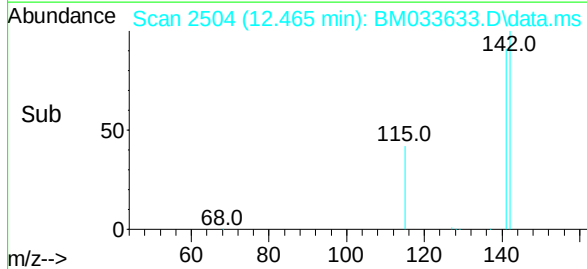
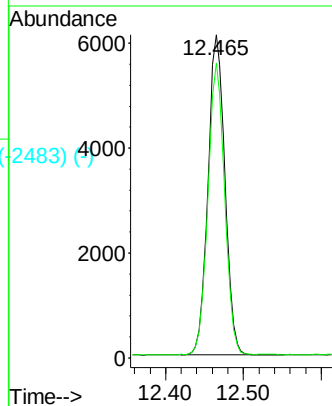
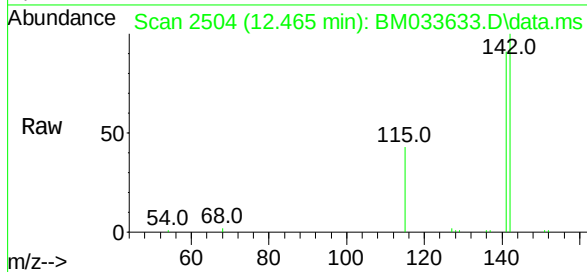
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Abundance Scan 2553 (12.686 min): BM033623.D\data.ms (-2532) (-)

1-Methylnaphthalene

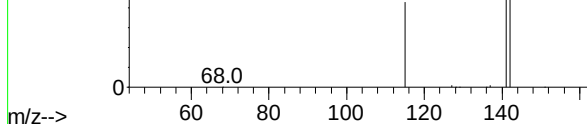
Concen: 0.362 ng/ul

RT: 12.681 min Scan# 2552

Delta R.T. -0.005 min

Lab File: BM033633.D

Acq: 04 Jan 2022 19:44

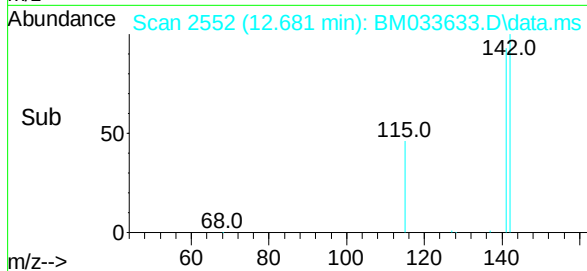
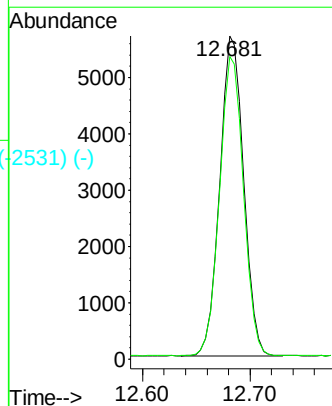
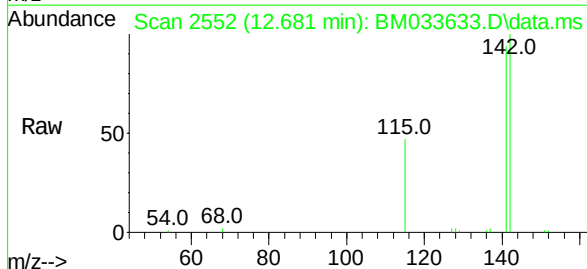


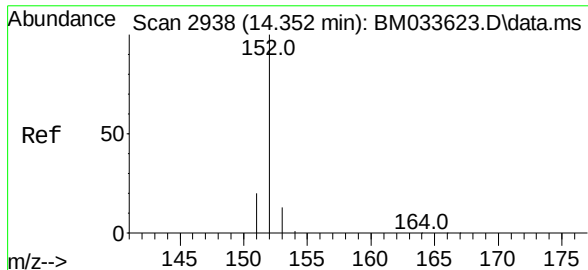
Tgt Ion:142 Resp: 8773

Ion Ratio Lower Upper

142 100

141 93.9 75.0 112.4





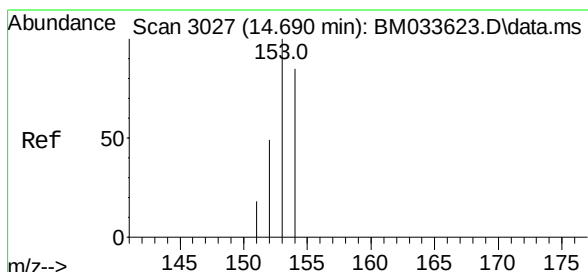
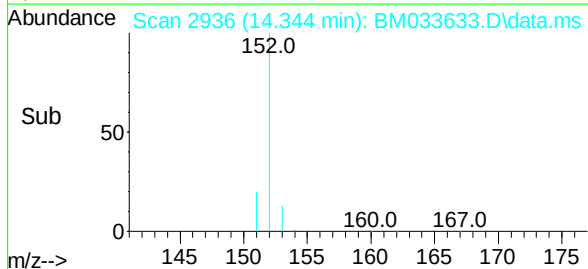
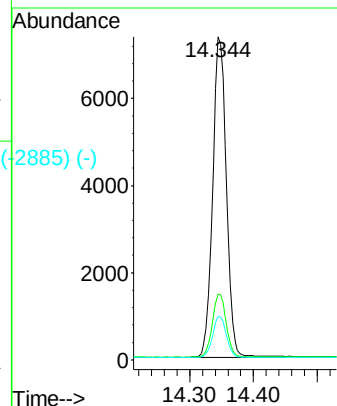
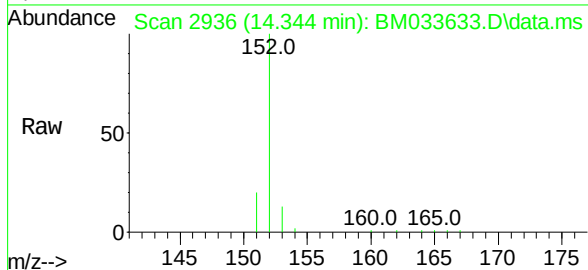
Acenaphthylene
Concen: 0.370 ng/ul
RT: 14.344 min Scan# 2936
Delta R.T. -0.008 min
Lab File: BM033633.D
Acq: 04 Jan 2022 19:44

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Tgt Ion:	152	Resp:	1104
Ion Ratio	Lower	Upper	
152	100		
151	20.5	19.9	29.9
153	13.4	15.0	22.4

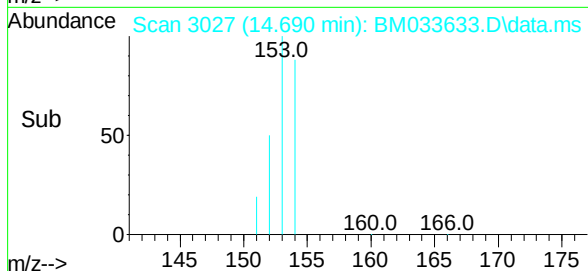
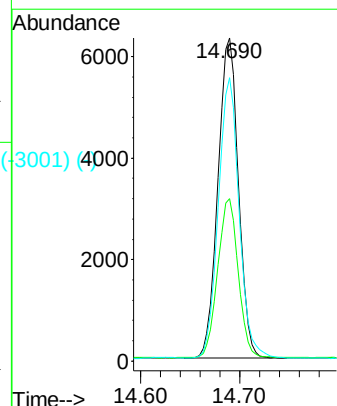
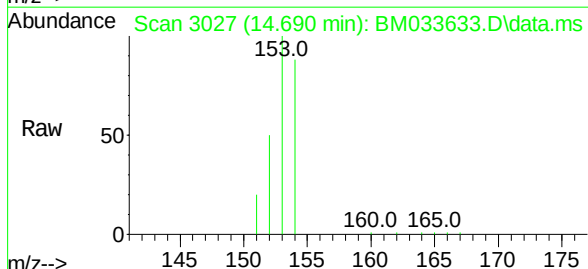
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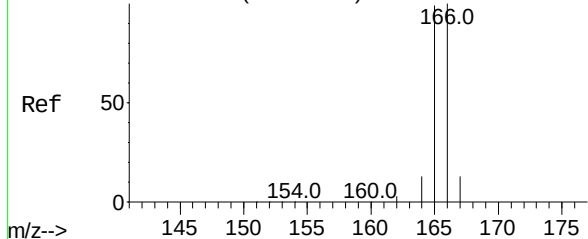


Acenaphthene
Concen: 0.380 ng/ul
RT: 14.690 min Scan# 3027
Delta R.T. -0.000 min
Lab File: BM033633.D
Acq: 04 Jan 2022 19:44

Tgt Ion:	153	Resp:	9050
Ion Ratio	Lower	Upper	
153	100		
152	50.4	42.4	63.6
154	87.8	66.2	99.2



Abundance Scan 3286 (15.672 min): BM033623.D\data.ms (-3212) (-)



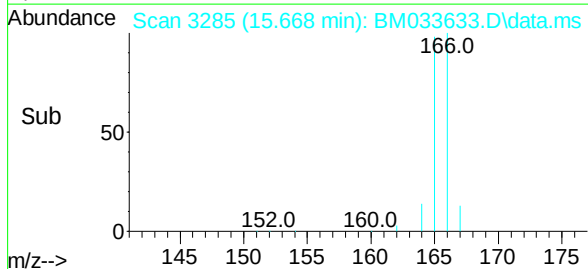
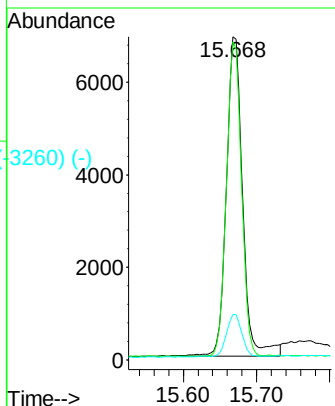
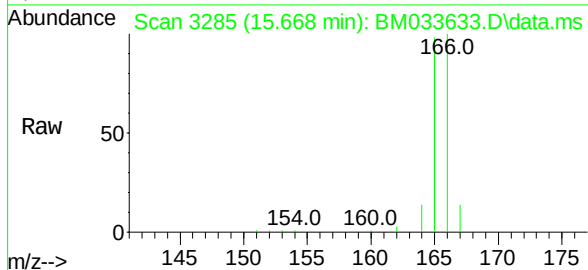
Fluorene
Concen: 0.373 ng/ul m
RT: 15.668 min Scan#
Delta R.T. -0.004 min
Lab File: BM033633.D
Acq: 04 Jan 2022 19:44

Instrument :
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ClientSampleId :
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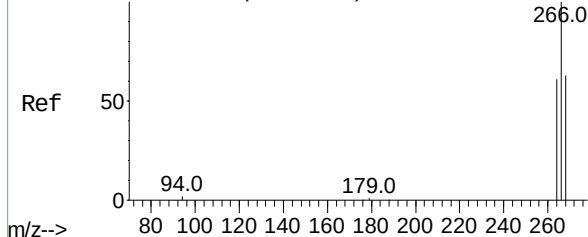
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	81.1	121.7
167	14.1	14.9	22.3

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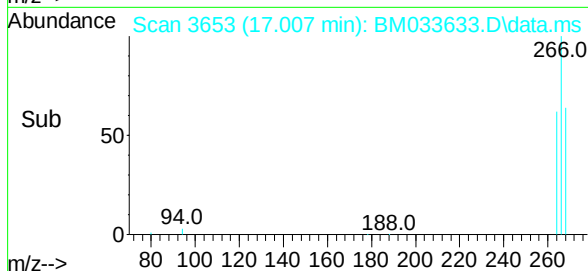
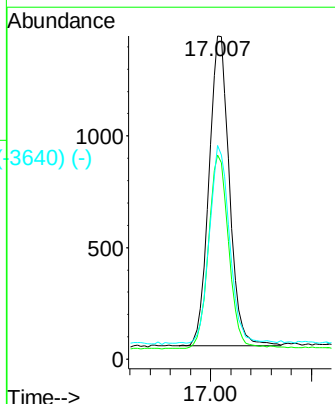
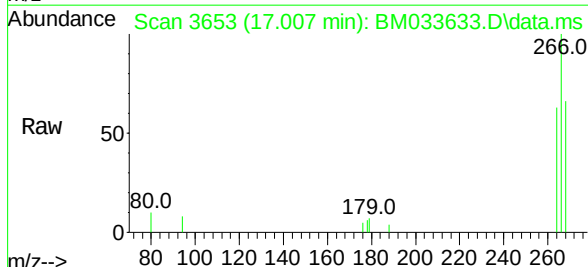


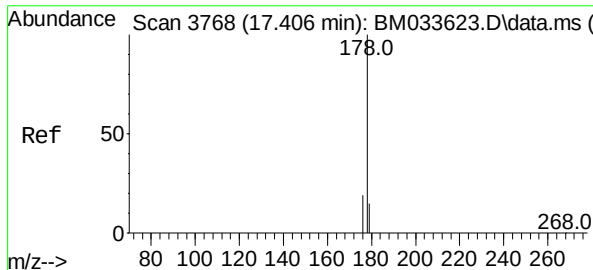
Abundance Scan 3654 (17.011 min): BM033623.D\data.ms (-3644) (-)



Pentachlorophenol
Concen: 0.433 ng/ul
RT: 17.007 min Scan# 3653
Delta R.T. -0.004 min
Lab File: BM033633.D
Acq: 04 Jan 2022 19:44

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.9	51.4	77.0
268	63.1	53.1	79.7





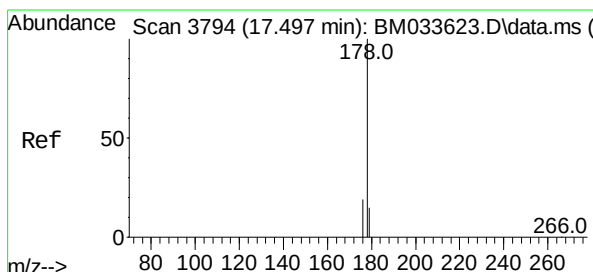
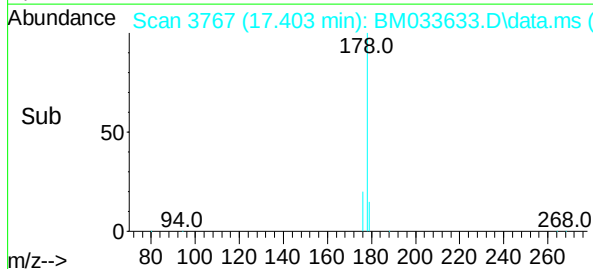
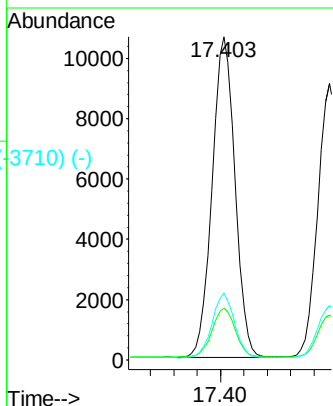
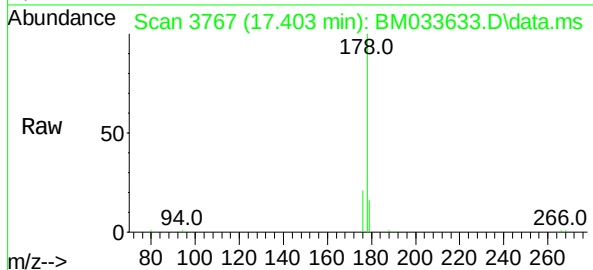
Scan 3768 (17.406 min): BM033623.D\data.ms (-3715) (-)
Phenanthrene
 Concen: 0.390 ng/ul
 RT: 17.403 min Scan# 3767
 Delta R.T. -0.004 min
 Lab File: BM033633.D
 Acq: 04 Jan 2022 19:44

Instrument :
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Tgt Ion:	178	Resp:	144
Ion	Ratio	Lower	Upper
178	100		
179	16.0	15.0	22.6
176	20.7	17.9	26.9

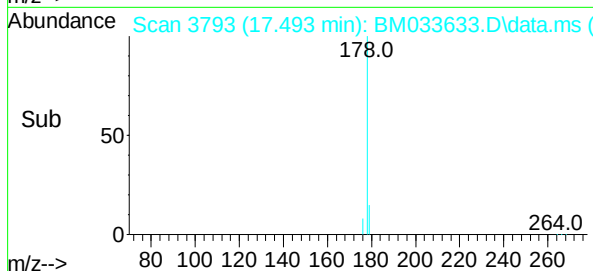
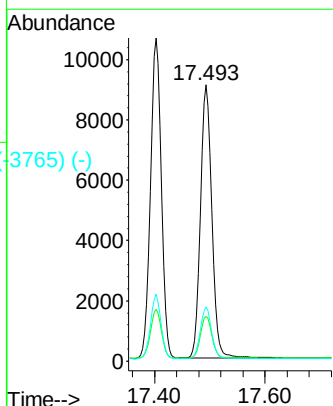
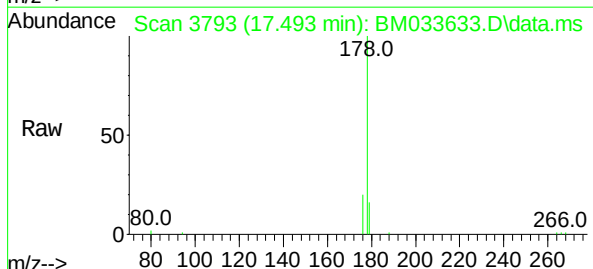
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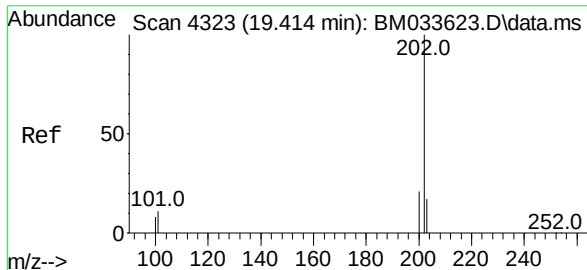
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Scan 3794 (17.497 min): BM033623.D\data.ms (-3712) (-)
Anthracene
 Concen: 0.384 ng/ul
 RT: 17.493 min Scan# 3793
 Delta R.T. -0.004 min
 Lab File: BM033633.D
 Acq: 04 Jan 2022 19:44

Tgt Ion:	178	Resp:	13024
Ion	Ratio	Lower	Upper
178	100		
179	16.2	16.5	24.7#
176	19.6	18.3	27.5





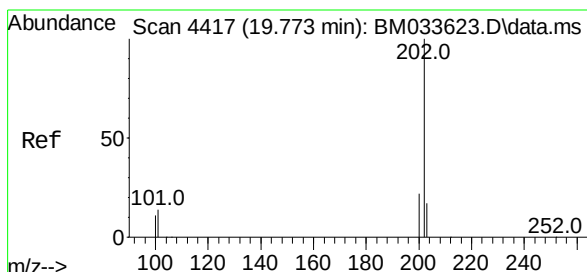
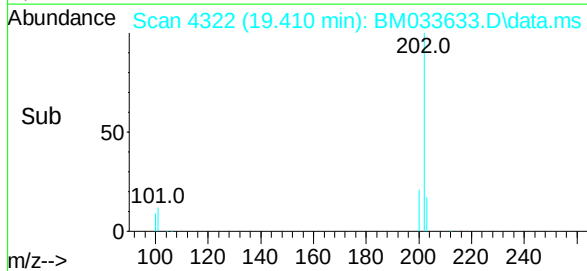
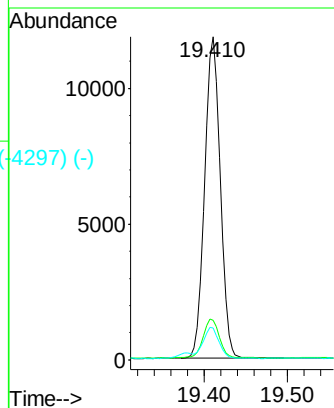
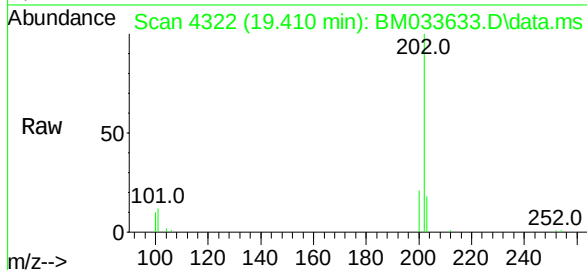
Fluoranthene
Concen: 0.406 ng/ul
RT: 19.410 min Scan# 4416
Delta R.T. -0.004 min
Lab File: BM033633.D
Acq: 04 Jan 2022 19:44

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Tgt Ion:	202	Resp:	1532
Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.2	13.8
100	9.8	7.2	10.8

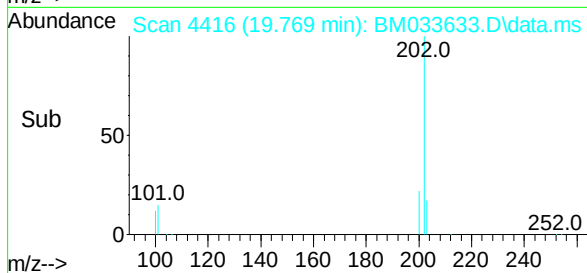
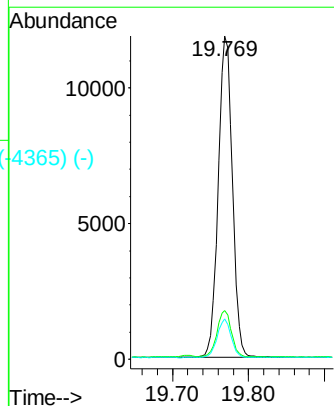
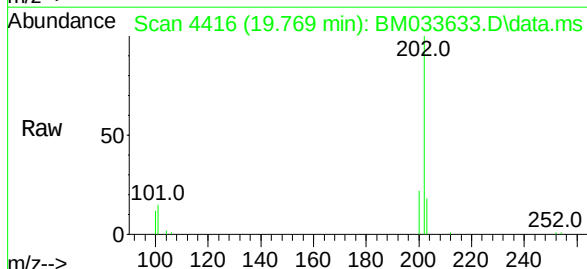
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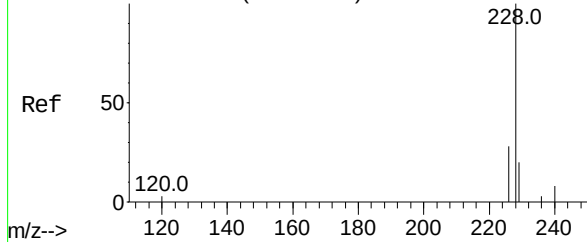


Pyrene
Concen: 0.404 ng/ul
RT: 19.769 min Scan# 4416
Delta R.T. -0.004 min
Lab File: BM033633.D
Acq: 04 Jan 2022 19:44

Tgt Ion:	202	Resp:	15437
Ion	Ratio	Lower	Upper
202	100		
101	15.1	9.3	13.9#
100	12.5	7.8	11.6#



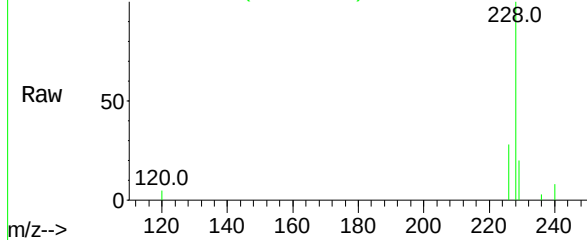
Abundance Scan 5024 (21.509 min): BM033623.D\data.ms (-5021) (-)



Benzo(a)anthracene
Concen: 0.415 ng/ul
RT: 21.506 min Scan# 5021
Delta R.T. -0.003 min
Lab File: BM033633.D
Acq: 04 Jan 2022 19:44

Instrument :
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Abundance Scan 5023 (21.506 min): BM033633.D\data.ms

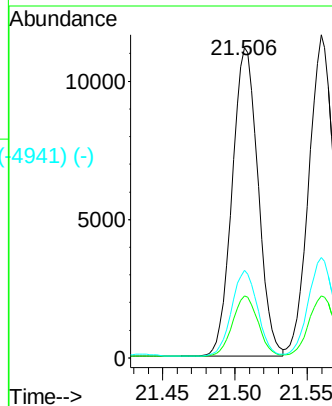
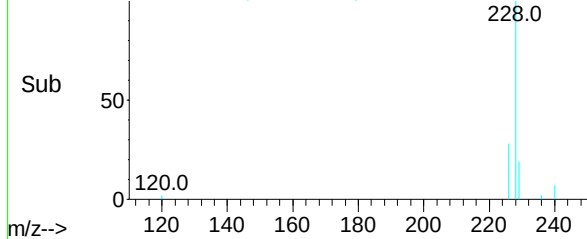


Tgt Ion:228 Resp: 1387
Ion Ratio Lower Upper
228 100
229 19.9 17.3 25.9
226 28.2 23.2 34.8

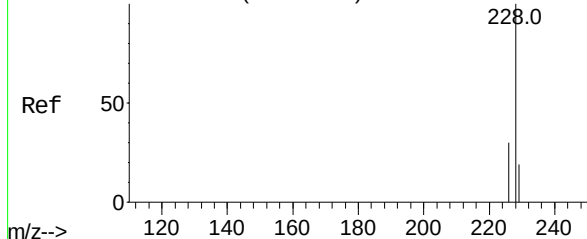
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Reviewed By :Jagrut Upadhyay 01/05/2022
Supervised By :Yogesh Patel 01/06/2022

Abundance Scan 5023 (21.506 min): BM033633.D\data.ms (-4941) (-)



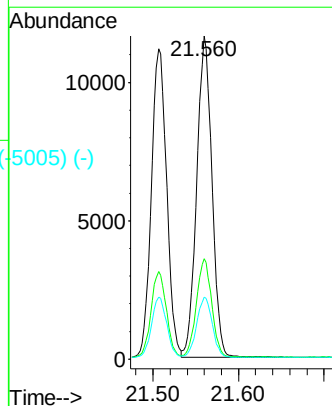
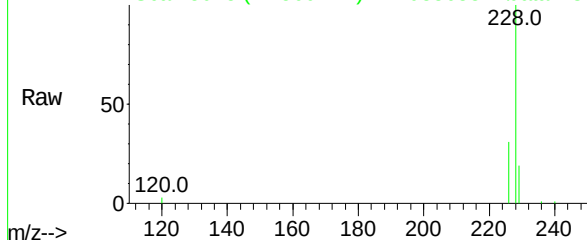
Abundance Scan 5046 (21.562 min): BM033623.D\data.ms (-5022) (-)



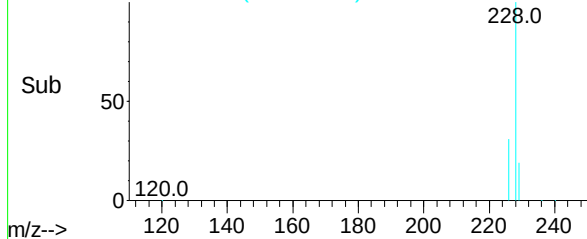
Chrysene
Concen: 0.418 ng/ul
RT: 21.560 min Scan# 5045
Delta R.T. -0.003 min
Lab File: BM033633.D
Acq: 04 Jan 2022 19:44

Tgt Ion:228 Resp: 14307
Ion Ratio Lower Upper
228 100
226 31.0 25.8 38.8
229 19.2 16.7 25.1

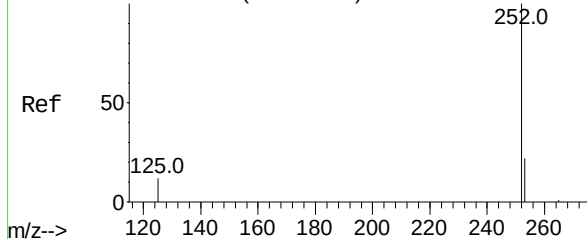
Abundance Scan 5045 (21.560 min): BM033633.D\data.ms



Abundance Scan 5045 (21.560 min): BM033633.D\data.ms (-5005) (-)



Abundance Scan 5728 (23.214 min): BM033623.D\data.ms (-5728) (-)



Benzo(b)fluoranthene
Concen: 0.394 ng/ul
RT: 23.209 min Scan# 5729
Delta R.T. -0.005 min
Lab File: BM033633.D
Acq: 04 Jan 2022 19:44

Instrument :

BNA_M

ClientSampleId :

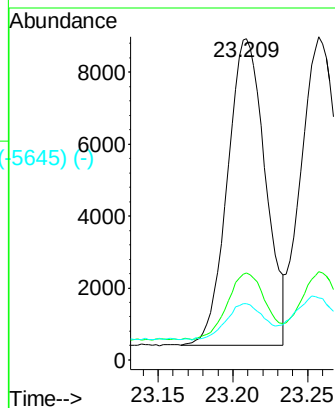
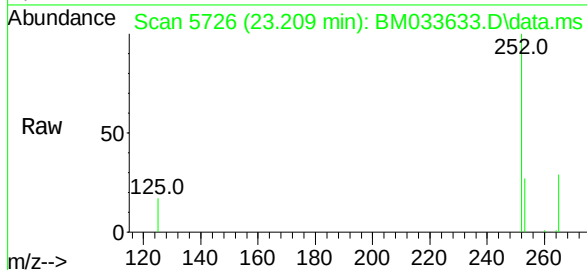
SLCS819

Tgt Ion:252 Resp: 1500
Ion Ratio Lower Upper
252 100
253 27.0 0.0 64.2
125 17.5 0.0 28.8

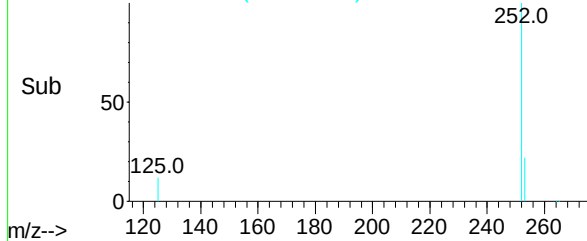
Manual Integrations

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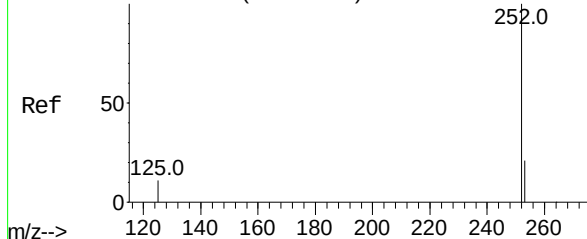
Reviewed By :Jagrut Upadhyay 01/05/2022
Supervised By :Yogesh Patel 01/06/2022



Abundance Scan 5726 (23.209 min): BM033633.D\data.ms (-5645) (-)

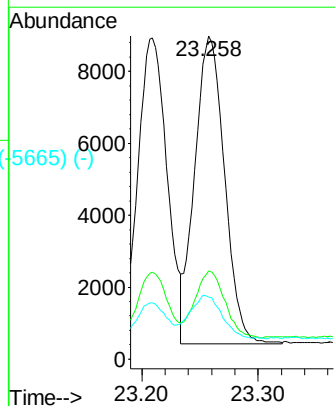
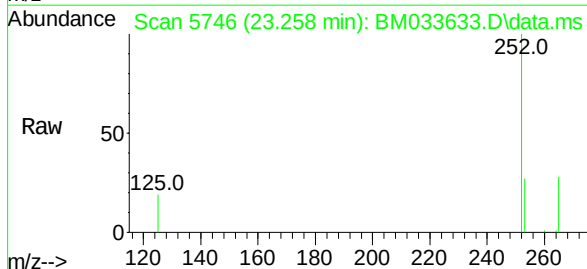


Abundance Scan 5748 (23.262 min): BM033623.D\data.ms (-5725) (-)

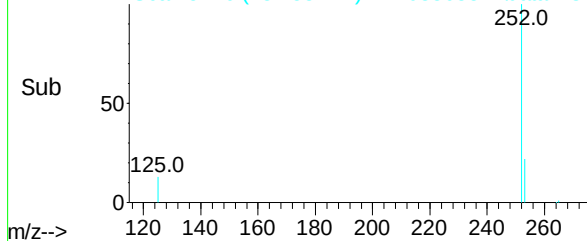


Benzo(k)fluoranthene
Concen: 0.407 ng/ul m
RT: 23.258 min Scan# 5746
Delta R.T. -0.005 min
Lab File: BM033633.D
Acq: 04 Jan 2022 19:44

Tgt Ion:252 Resp: 15246
Ion Ratio Lower Upper
252 100
253 27.3 26.8 40.2
125 19.2 12.0 18.0#



Abundance Scan 5746 (23.258 min): BM033633.D\data.ms (-5665) (-)



Abundance Scan 5990 (23.849 min): BM033623.D\data.ms (-5989) (-)

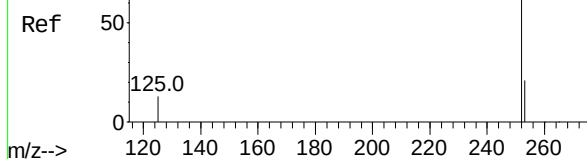
Benzo(a)pyrene
Concen: 0.411 ng/ul
RT: 23.844 min Scan# 5989
Delta R.T. -0.005 min
Lab File: BM033633.D
Acq: 04 Jan 2022 19:44

Instrument :

BNA_M

ClientSampleId :

SLCS819

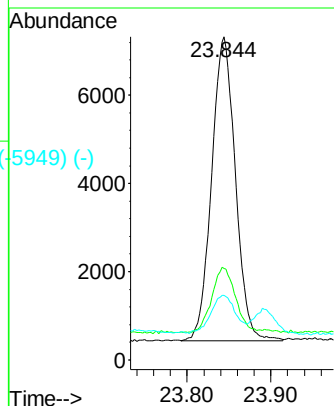
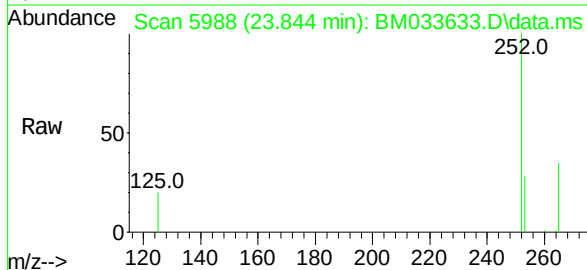


Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.3	32.0	48.0
125	20.0	14.5	21.7

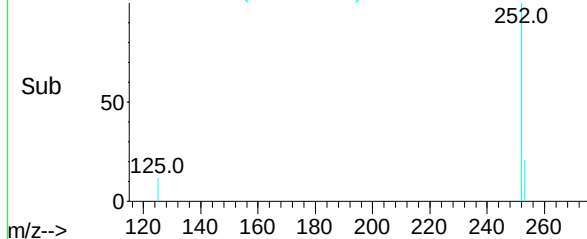
Manual Integrations

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Supervised By :Yogesh Patel 01/06/2022



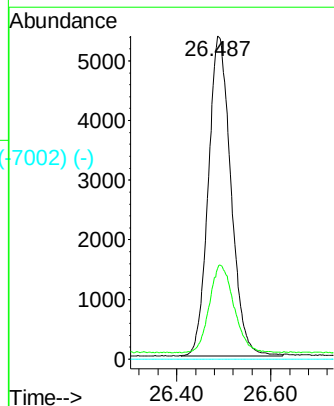
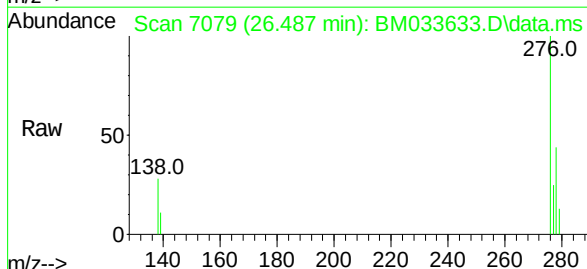
Abundance Scan 5988 (23.844 min): BM033633.D\data.ms (-5949) (-)



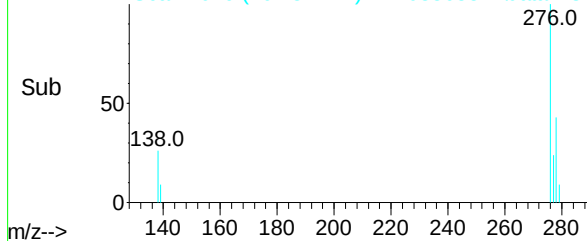
Abundance Scan 7085 (26.502 min): BM033623.D\data.ms (-7045) (-)

Indeno(1,2,3-cd)pyrene
Concen: 0.413 ng/ul
RT: 26.487 min Scan# 7079
Delta R.T. -0.015 min
Lab File: BM033633.D
Acq: 04 Jan 2022 19:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.3	15.8	23.6#
227	0.0	0.0	0.0



Abundance Scan 7079 (26.487 min): BM033633.D\data.ms (-7002) (-)



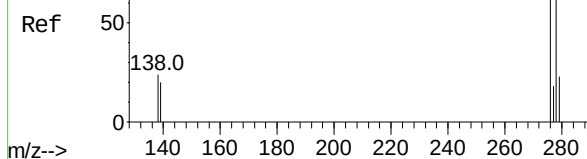
Abundance Scan 7093 (26.521 min): BM033623.D\data.ms (-7093) (-)

Dibenzo(a,h)anthracene
Concen: 0.419 ng/ul
RT: 26.509 min Scan# 7093
Delta R.T. -0.012 min
Lab File: BM033633.D
Acq: 04 Jan 2022 19:44

Instrument :

BNA_M

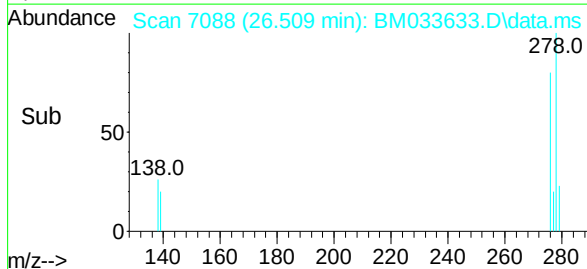
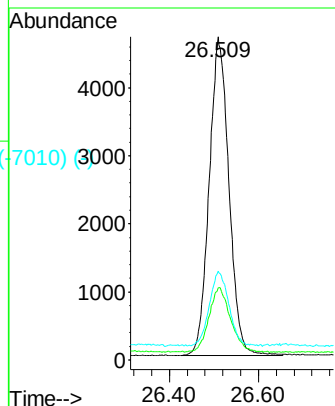
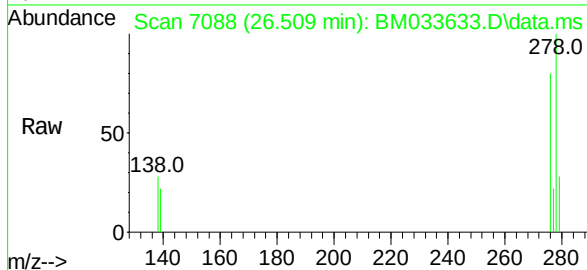
ClientSampleId :
SLCS819



Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.4	18.0	27.0
279	27.6	28.6	42.8

Manual Integrations
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Reviewed By :Jagrut Upadhyay 01/05/2022
Supervised By :Yogesh Patel 01/06/2022



Abundance Scan 7407 (27.282 min): BM033623.D\data.ms (-7407) (-)

Benzo(g,h,i)perylene
Concen: 0.406 ng/ul
RT: 27.270 min Scan# 7402
Delta R.T. -0.012 min
Lab File: BM033633.D
Acq: 04 Jan 2022 19:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.4	17.4	26.0#
277	25.4	22.6	33.8

