

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010422\
 Data File : BM033636.D
 Acq On : 04 Jan 2022 21:32
 Operator : CG/JU
 Sample : M5246-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JCEN2

Manual Integrations
 APPROVED

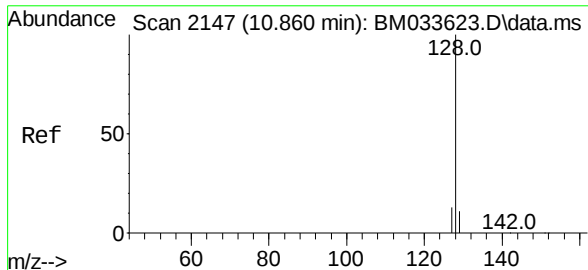
Reviewed By :Jagrut Upadhyay 01/05/2022
 Supervised By :Yogesh Patel 01/06/2022

Quant Time: Jan 05 00:26:20 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	4359	0.400	ng/ul	0.00
4) Naphthalene-d8	10.806	136	15539	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.625	164	8353	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.361	188	14215	0.400	ng/ul	0.00
17) Chrysene-d12	21.523	240	9478	0.400	ng/ul	# 0.00
23) Perylene-d12	23.950	264	9660	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	15120	3.256	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	4322	0.205	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	6855	0.233	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.855	128	4583	0.102	ng/ul#	92
7) 2-Methylnaphthalene	12.465	142	1363	0.047	ng/ul	100
8) 1-Methylnaphthalene	12.681	142	1416	0.050	ng/ul	100
10) Acenaphthylene	14.345	152	21399	0.554	ng/ul#	90
11) Acenaphthene	14.686	153	5577	0.181	ng/ul	96
12) Fluorene	15.668	166	10561m	0.287	ng/ul	
15) Phenanthrene	17.403	178	155103	3.369	ng/ul	93
16) Anthracene	17.493	178	70913	1.679	ng/ul#	91
19) Fluoranthene	19.410	202	170838	3.843	ng/ul	99
20) Pyrene	19.769	202	223187	4.963	ng/ul#	93
21) Benzo(a)anthracene	21.506	228	98842m	2.511	ng/ul	
22) Chrysene	21.559	228	99739	2.478	ng/ul	98
24) Benzo(b)fluoranthene	23.214	252	74000m	1.749	ng/ul	
25) Benzo(k)fluoranthene	23.252	252	29675m	0.715	ng/ul	
26) Benzo(a)pyrene	23.844	252	78442	2.132	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.482	276	36285	0.758	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.499	278	9978	0.262	ng/ul	95
29) Benzo(g,h,i)perylene	27.265	276	30668	0.745	ng/ul	93

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



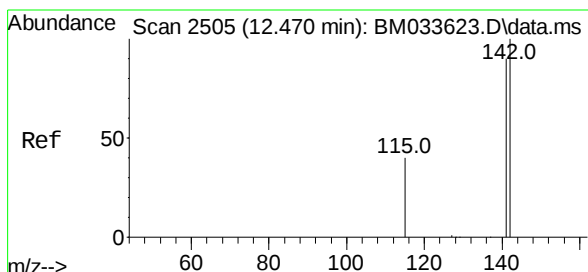
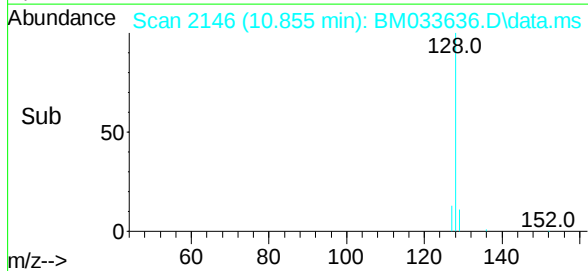
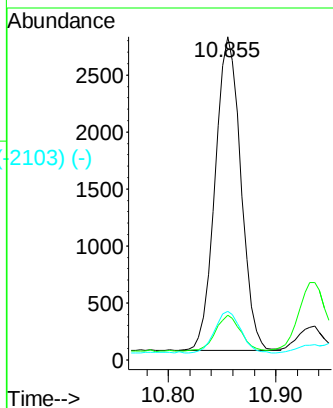
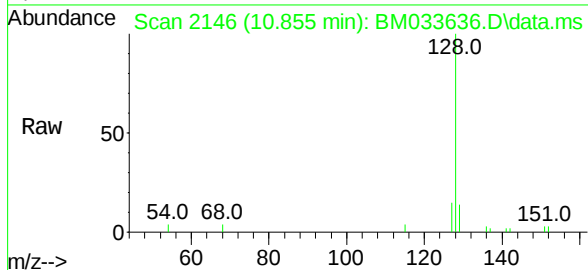
Naphthalene
 Concen: 0.102 ng/ul
 RT: 10.855 min Scan# 2146
 Delta R.T. -0.004 min
 Lab File: BM033636.D
 Acq: 04 Jan 2022 21:32

Instrument :
 BNA_M
 ClientSampleId :
 JCEN2

Tgt Ion:	128	Resp:	458
Ion	Ratio	Lower	Upper
128	100		
129	13.8	13.4	20.2
127	15.1	15.2	22.8

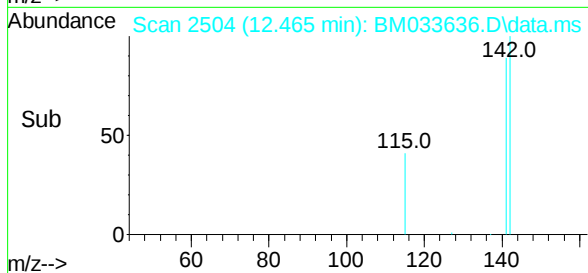
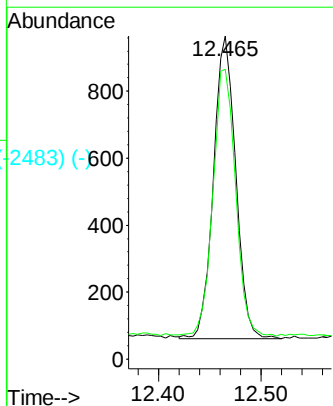
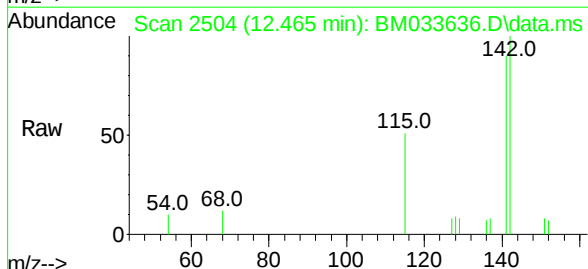
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 Supervised By :Yogesh Patel 01/06/2022

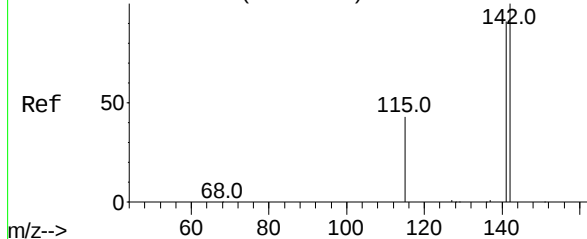


2-Methylnaphthalene
 Concen: 0.047 ng/ul
 RT: 12.465 min Scan# 2504
 Delta R.T. -0.004 min
 Lab File: BM033636.D
 Acq: 04 Jan 2022 21:32

Tgt Ion:	142	Resp:	1363
Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.8	107.6



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



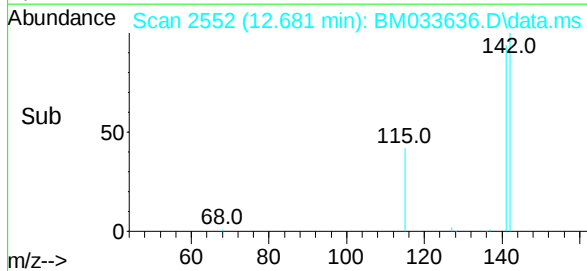
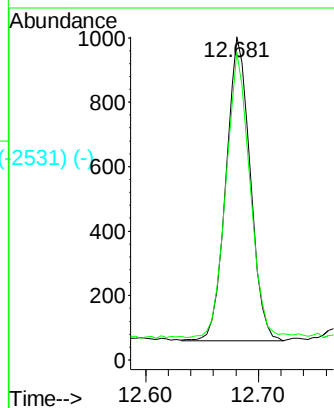
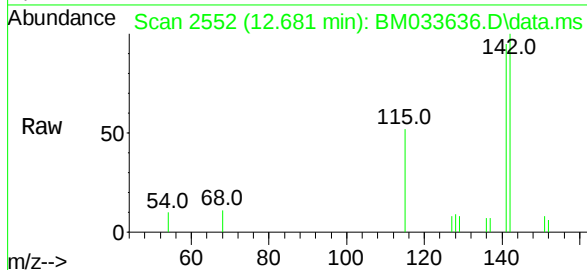
1-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.681 min Scan# 2553
Delta R.T. -0.004 min
Lab File: BM033636.D
Acq: 04 Jan 2022 21:32

Instrument :
BNA_M
ClientSampleId :
JCEN2

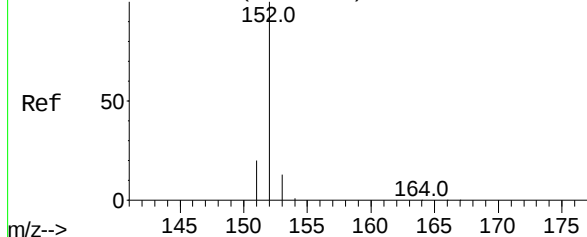
Tgt Ion:142 Resp: 142
Ion Ratio Lower Upper
142 100
141 93.6 75.0 112.4

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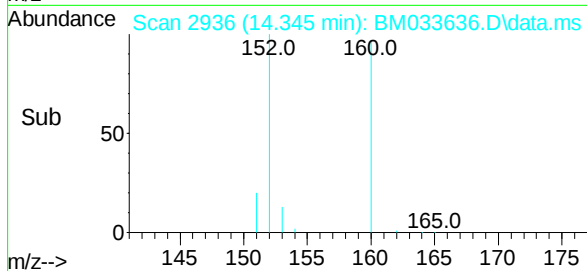
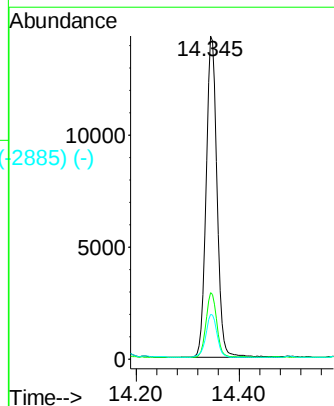
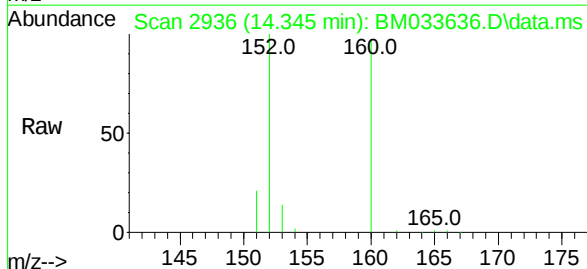


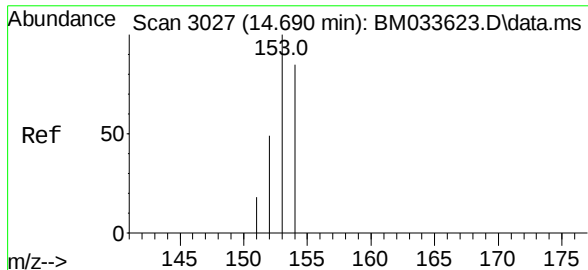
Abundance Scan 2938 (14.352 min): BM033623.D\data.ms (-2938) (-)



Acenaphthylene
Concen: 0.554 ng/ul
RT: 14.345 min Scan# 2936
Delta R.T. -0.008 min
Lab File: BM033636.D
Acq: 04 Jan 2022 21:32

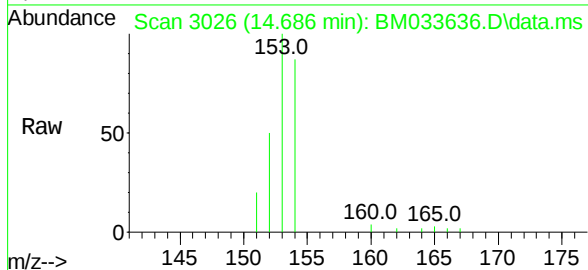
Tgt Ion:152 Resp: 21399
Ion Ratio Lower Upper
152 100
151 20.6 19.9 29.9
153 13.9 15.0 22.4#





Acenaphthene
Concen: 0.181 ng/ul
RT: 14.686 min Scan# 3026
Delta R.T. -0.004 min
Lab File: BM033636.D
Acq: 04 Jan 2022 21:32

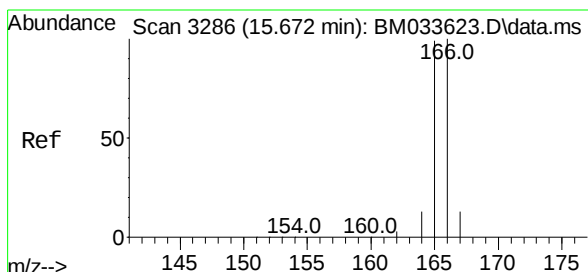
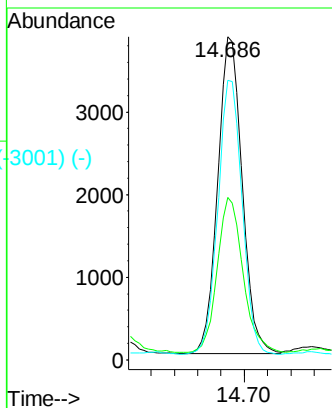
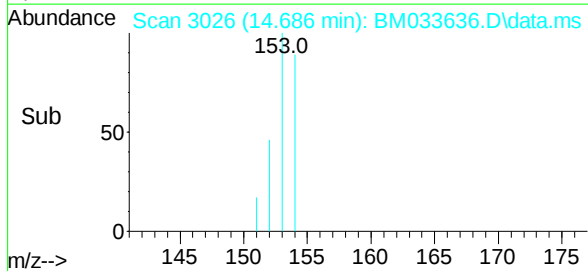
Instrument :
BNA_M
ClientSampleId :
JCEN2



Tgt Ion	Ratio	Lower	Upper
153	100		
152	50.3	42.4	63.6
154	86.5	66.2	99.2

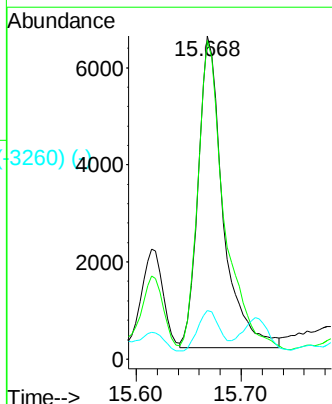
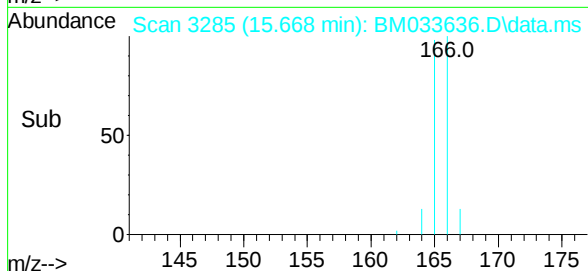
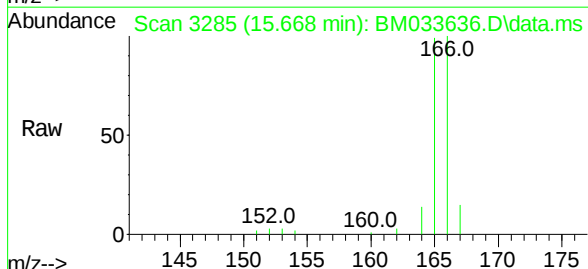
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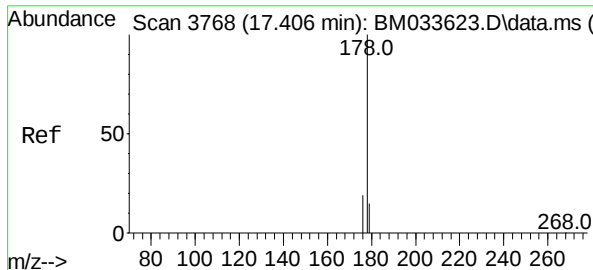
Reviewed By :Jagrut Upadhyay 01/05/2022
Supervised By :Yogesh Patel 01/06/2022



Fluorene
Concen: 0.287 ng/ul m
RT: 15.668 min Scan# 3285
Delta R.T. -0.004 min
Lab File: BM033636.D
Acq: 04 Jan 2022 21:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	81.1	121.7
167	14.9	14.9	22.3





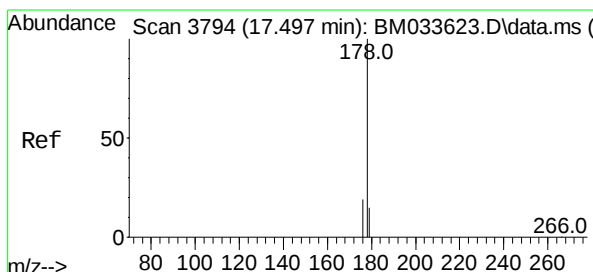
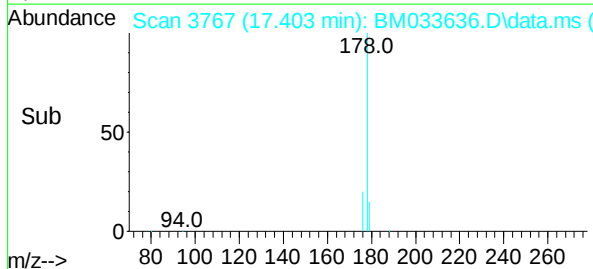
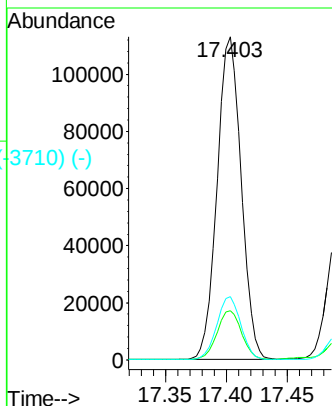
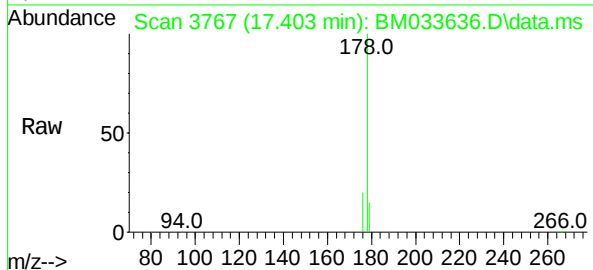
Phenanthrene
Concen: 3.369 ng/u1
RT: 17.403 min Scan# 3715
Delta R.T. -0.003 min
Lab File: BM033636.D
Acq: 04 Jan 2022 21:32

Instrument :
BNA_M
ClientSampleId :
JCEN2

Tgt Ion:178 Resp: 15510
Ion Ratio Lower Upper
178 100
179 15.3 15.0 22.6
176 19.6 17.9 26.9

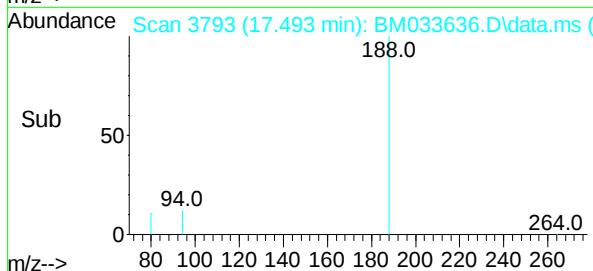
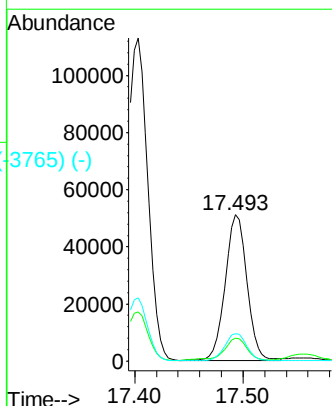
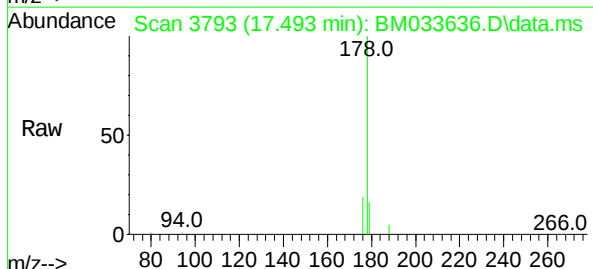
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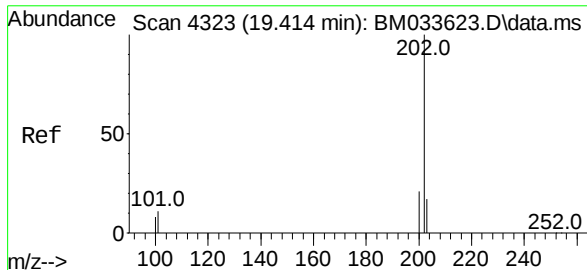
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Supervised By :Yogesh Patel 01/06/2022



Anthracene
Concen: 1.679 ng/u1
RT: 17.493 min Scan# 3793
Delta R.T. -0.003 min
Lab File: BM033636.D
Acq: 04 Jan 2022 21:32

Tgt Ion:178 Resp: 70913
Ion Ratio Lower Upper
178 100
179 15.6 16.5 24.7#
176 18.9 18.3 27.5





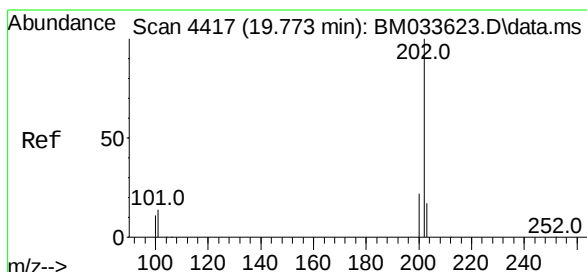
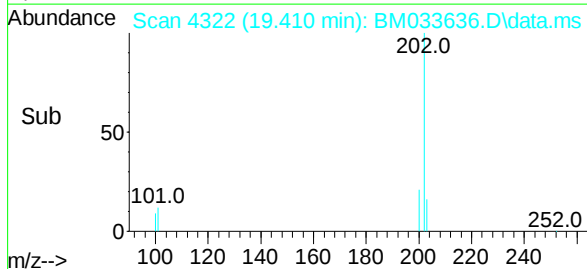
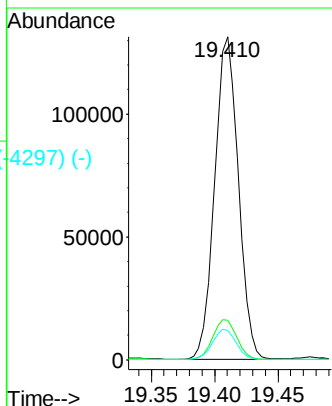
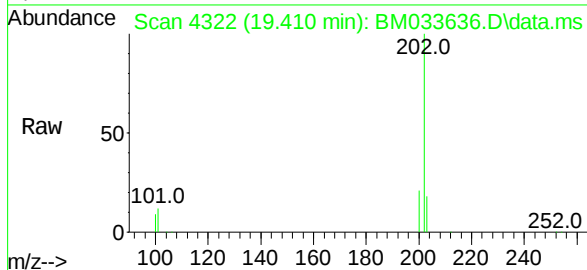
Fluoranthene
Concen: 3.843 ng/u1
RT: 19.410 min Scan# 419
Delta R.T. -0.004 min
Lab File: BM033636.D
Acq: 04 Jan 2022 21:32

Instrument :
BNA_M
ClientSampleId :
JCEN2

Tgt Ion:	202	Resp:	17083
Ion Ratio	Lower	Upper	
202	100		
101	12.3	9.2	13.8
100	9.1	7.2	10.8

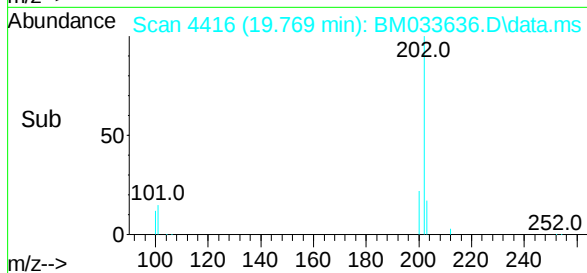
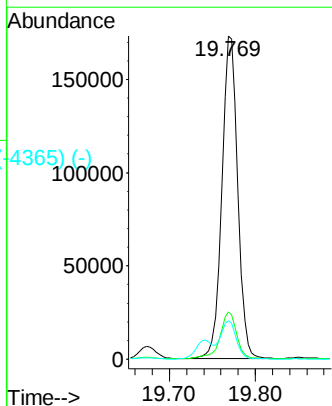
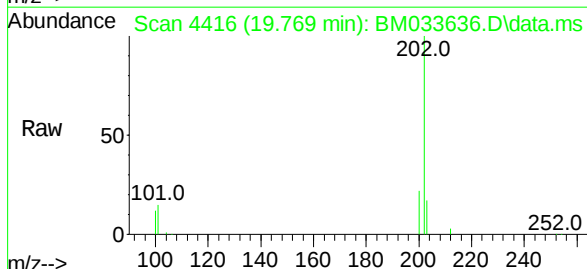
Manual Integrations
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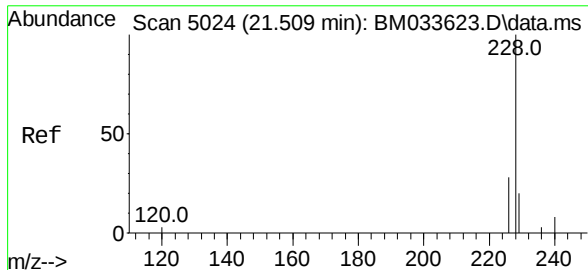
Reviewed By :Jagrut Upadhyay 01/05/2022
Supervised By :Yogesh Patel 01/06/2022



Pyrene
Concen: 4.963 ng/u1
RT: 19.769 min Scan# 4416
Delta R.T. -0.004 min
Lab File: BM033636.D
Acq: 04 Jan 2022 21:32

Tgt Ion:	202	Resp:	223187
Ion Ratio	Lower	Upper	
202	100		
101	14.6	9.3	13.9#
100	12.0	7.8	11.6#





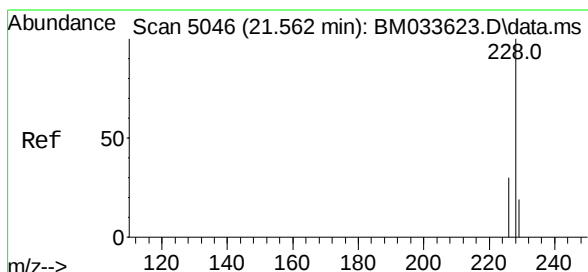
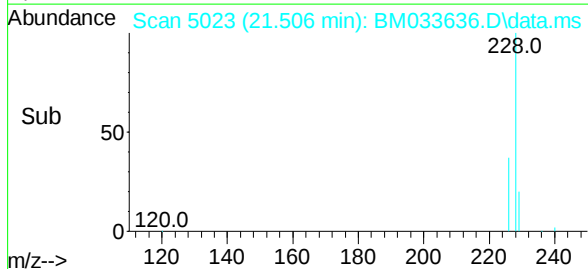
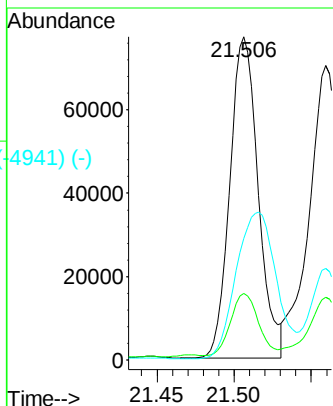
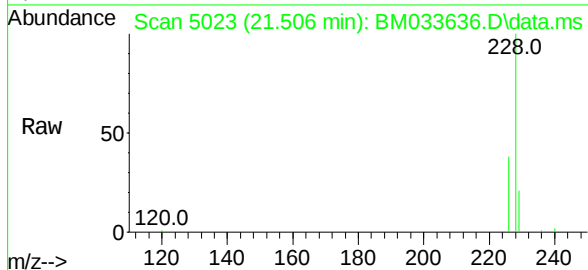
Benzo(a)anthracene
Concen: 2.511 ng/u1 m
RT: 21.506 min Scan# 5021
Delta R.T. -0.003 min
Lab File: BM033636.D
Acq: 04 Jan 2022 21:32

Instrument :
BNA_M
ClientSampleId :
JCEN2

Tgt Ion:	228	Resp:	9884
Ion	Ratio	Lower	Upper
228	100		
229	20.6	17.3	25.9
226	37.6	23.2	34.8

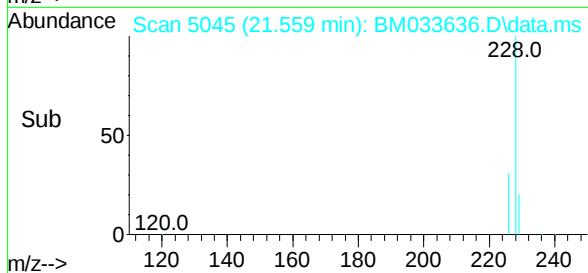
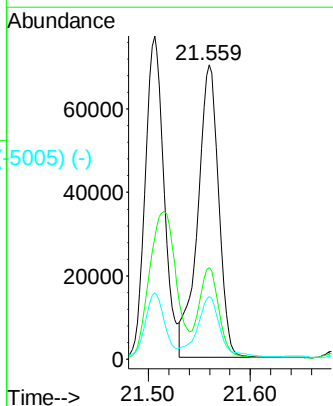
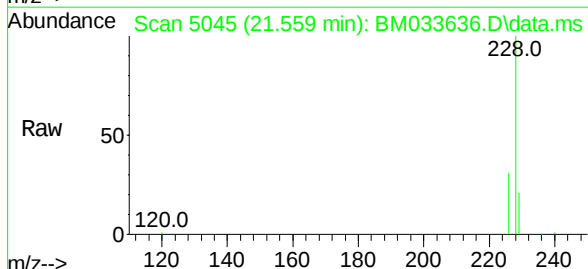
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Supervised By :Yogesh Patel 01/06/2022

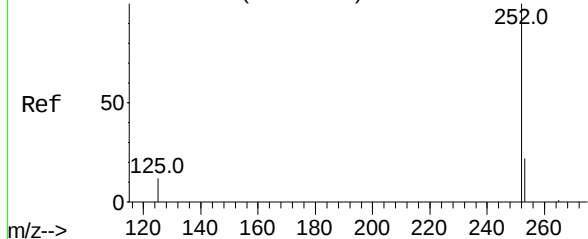


Chrysene
Concen: 2.478 ng/u1
RT: 21.559 min Scan# 5045
Delta R.T. -0.003 min
Lab File: BM033636.D
Acq: 04 Jan 2022 21:32

Tgt Ion:	228	Resp:	99739
Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.8	38.8
229	21.3	16.7	25.1



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



Benzo(b)fluoranthene
Concen: 1.749 ng/ul m
RT: 23.214 min Scan# 5728
Delta R.T. -0.000 min
Lab File: BM033636.D
Acq: 04 Jan 2022 21:32

Instrument :

BNA_M

ClientSampleId :

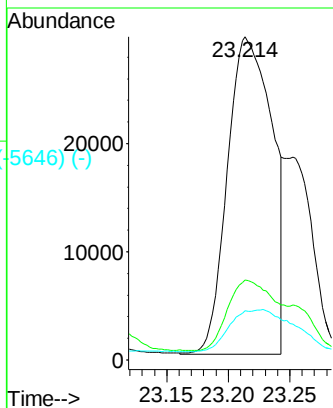
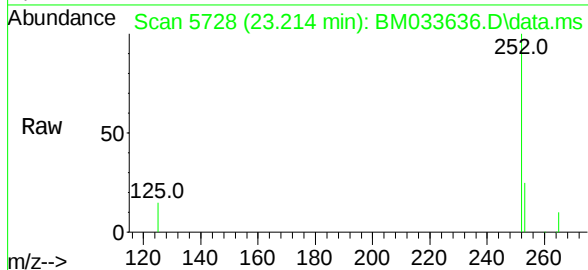
JCEN2

Tgt Ion:252 Resp: 7400
Ion Ratio Lower Upper
252 100
253 24.7 0.0 64.2
125 15.2 0.0 28.8

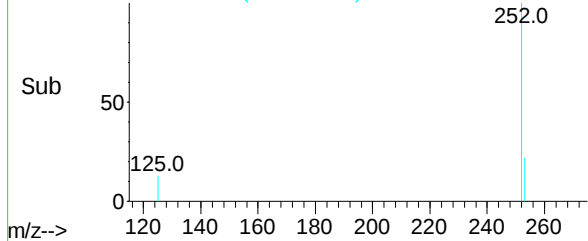
Manual Integrations

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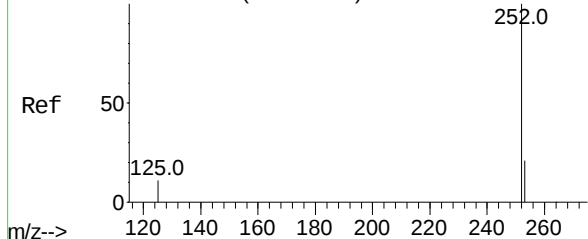
Reviewed By :Jagrut Upadhyay 01/05/2022
Supervised By :Yogesh Patel 01/06/2022



Abundance Scan 5728 (23.214 min): BM033636.D\data.ms (-5646) (-)

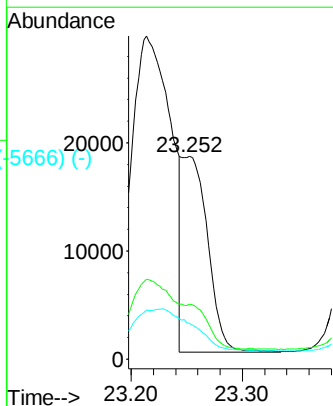
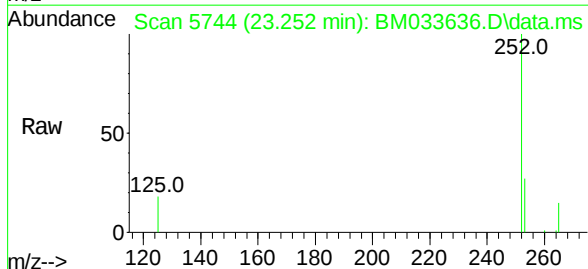


Abundance Scan 5748 (23.262 min): BM033623.D\data.ms (-5725) (-)

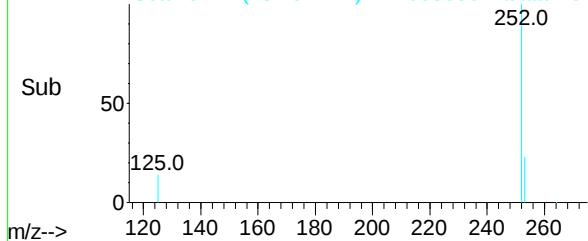


Benzo(k)fluoranthene
Concen: 0.715 ng/ul m
RT: 23.252 min Scan# 5744
Delta R.T. -0.010 min
Lab File: BM033636.D
Acq: 04 Jan 2022 21:32

Tgt Ion:252 Resp: 29675
Ion Ratio Lower Upper
252 100
253 27.0 26.8 40.2
125 17.5 12.0 18.0

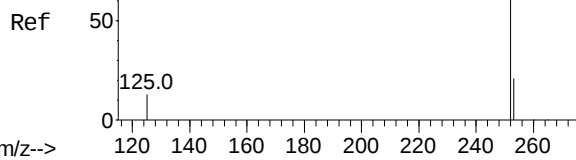


Abundance Scan 5744 (23.252 min): BM033636.D\data.ms (-5666) (-)



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

Benzo(a)pyrene
Concen: 2.132 ng/u1
RT: 23.844 min Scan# 5989
Delta R.T. -0.005 min
Lab File: BM033636.D
Acq: 04 Jan 2022 21:32

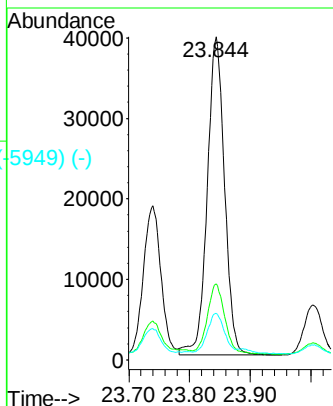
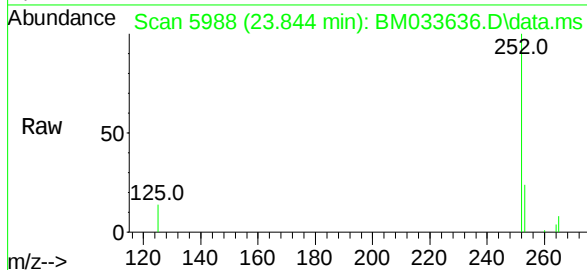


Tgt Ion:252 Resp: 7844
Ion Ratio Lower Upper
252 100
253 23.5 32.0 48.0
125 14.3 14.5 21.7

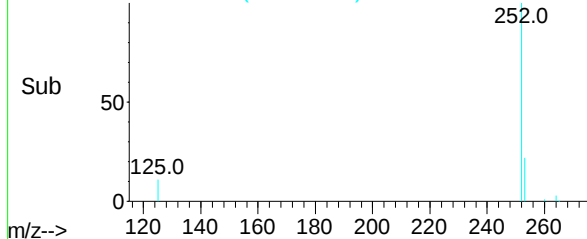
Instrument :
BNA_M
ClientSampleId :
JCEN2

Manual Integrations
APPROVED

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



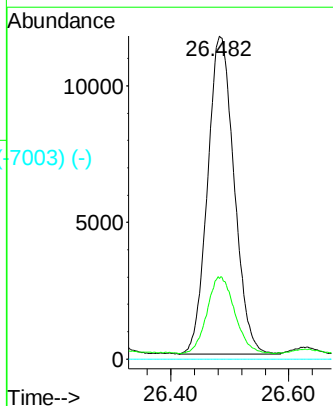
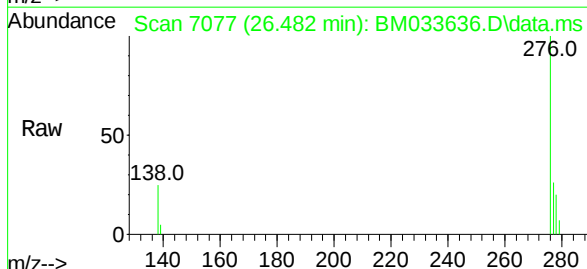
Abundance Scan 5988 (23.844 min): BM033636.D\data.ms (-5949) (-)



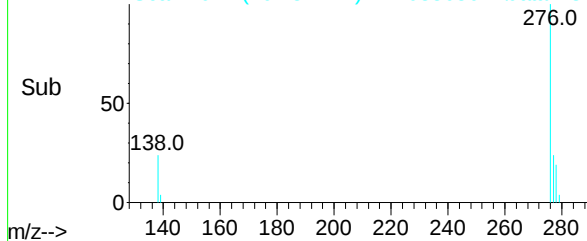
Abundance Scan 7085 (26.502 min): BM033623.D\data.ms (-7045) (-)

Indeno(1,2,3-cd)pyrene
Concen: 0.758 ng/u1
RT: 26.482 min Scan# 7077
Delta R.T. -0.020 min
Lab File: BM033636.D
Acq: 04 Jan 2022 21:32

Tgt Ion:276 Resp: 36285
Ion Ratio Lower Upper
276 100
138 25.1 15.8 23.6#
227 0.0 0.0 0.0

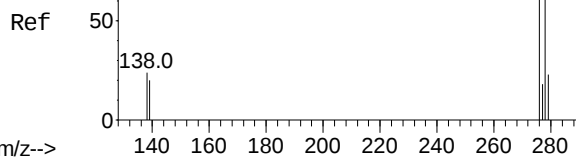


Abundance Scan 7077 (26.482 min): BM033636.D\data.ms (-7003) (-)



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

Dibenzo(a,h)anthracene
Concen: 0.262 ng/u1
RT: 26.499 min Scan#
Delta R.T. -0.022 min
Lab File: BM033636.D
Acq: 04 Jan 2022 21:32



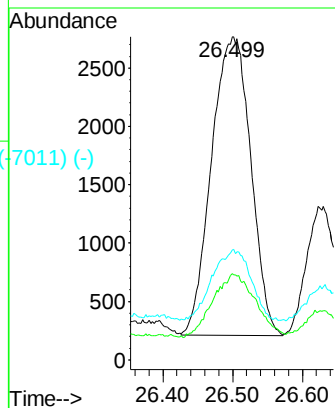
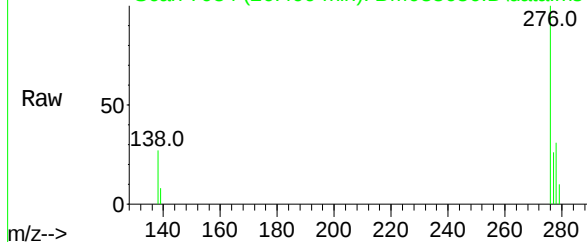
Instrument :
BNA_M
ClientSampleId :
JCEN2

Tgt Ion:	278	Resp:	997
Ion Ratio	Lower	Upper	
278	100		
139	26.8	18.0	27.0
279	34.0	28.6	42.8

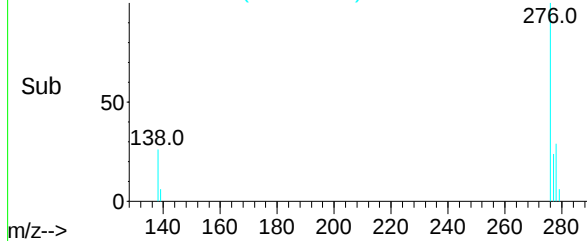
Manual Integrations
APPROVED

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

Abundance Scan 7084 (26.499 min): BM033636.D\data.ms



Abundance Scan 7084 (26.499 min): BM033636.D\data.ms (-7011) (-)

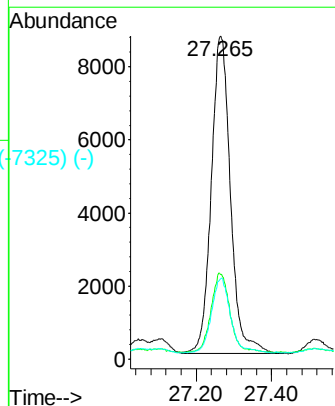
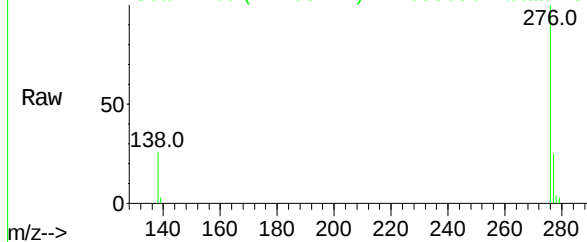


Abundance Scan 7407 (27.282 min): BM033623.D\data.ms (-7407) (-)

Benzo(g,h,i)perylene
Concen: 0.745 ng/u1
RT: 27.265 min Scan# 7400
Delta R.T. -0.017 min
Lab File: BM033636.D
Acq: 04 Jan 2022 21:32

Tgt Ion:	276	Resp:	30668
Ion Ratio	Lower	Upper	
276	100		
138	26.0	17.4	26.0
277	25.0	22.6	33.8

Abundance Scan 7400 (27.265 min): BM033636.D\data.ms



Abundance Scan 7400 (27.265 min): BM033636.D\data.ms (-7325) (-)

