

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010422\
 Data File : BM033632.D
 Acq On : 04 Jan 2022 19:08
 Operator : CG/JU
 Sample : PB141473BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS473

Manual Integrations
 APPROVED

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

Quant Time: Jan 05 00:25:40 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	3411	0.400	ng/ul	0.00
4) Naphthalene-d8	10.805	136	11304	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.629	164	5747	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.361	188	10758	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	8073	0.400	ng/ul	# 0.00
23) Perylene-d12	23.958	264	8181	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	2822	0.777	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	6507	0.423	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	10775	0.431	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.365	88	8106	2.045	ng/ul#	75
5) Naphthalene	10.855	128	13455	0.411	ng/ul#	88
7) 2-Methylnaphthalene	12.465	142	8720	0.415	ng/ul	100
8) 1-Methylnaphthalene	12.681	142	8381	0.406	ng/ul	100
10) Acenaphthylene	14.348	152	10698	0.403	ng/ul#	90
11) Acenaphthene	14.689	153	8771	0.414	ng/ul	95
12) Fluorene	15.671	166	10516m	0.415	ng/ul	
14) Pentachlorophenol	17.011	266	2008	0.473	ng/ul	98
15) Phenanthrene	17.403	178	14896	0.428	ng/ul	95
16) Anthracene	17.493	178	13541	0.424	ng/ul#	92
19) Fluoranthene	19.410	202	16500	0.436	ng/ul	98
20) Pyrene	19.772	202	16634	0.434	ng/ul#	94
21) Benzo(a)anthracene	21.509	228	15276	0.456	ng/ul	97
22) Chrysene	21.560	228	15819	0.461	ng/ul	98
24) Benzo(b)fluoranthene	23.211	252	16124	0.450	ng/ul	91
25) Benzo(k)fluoranthene	23.260	252	16366	0.465	ng/ul#	88
26) Benzo(a)pyrene	23.846	252	14038	0.451	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.489	276	18457	0.455	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.519	278	15005	0.465	ng/ul#	90
29) Benzo(g,h,i)perylene	27.267	276	15820	0.454	ng/ul#	92

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

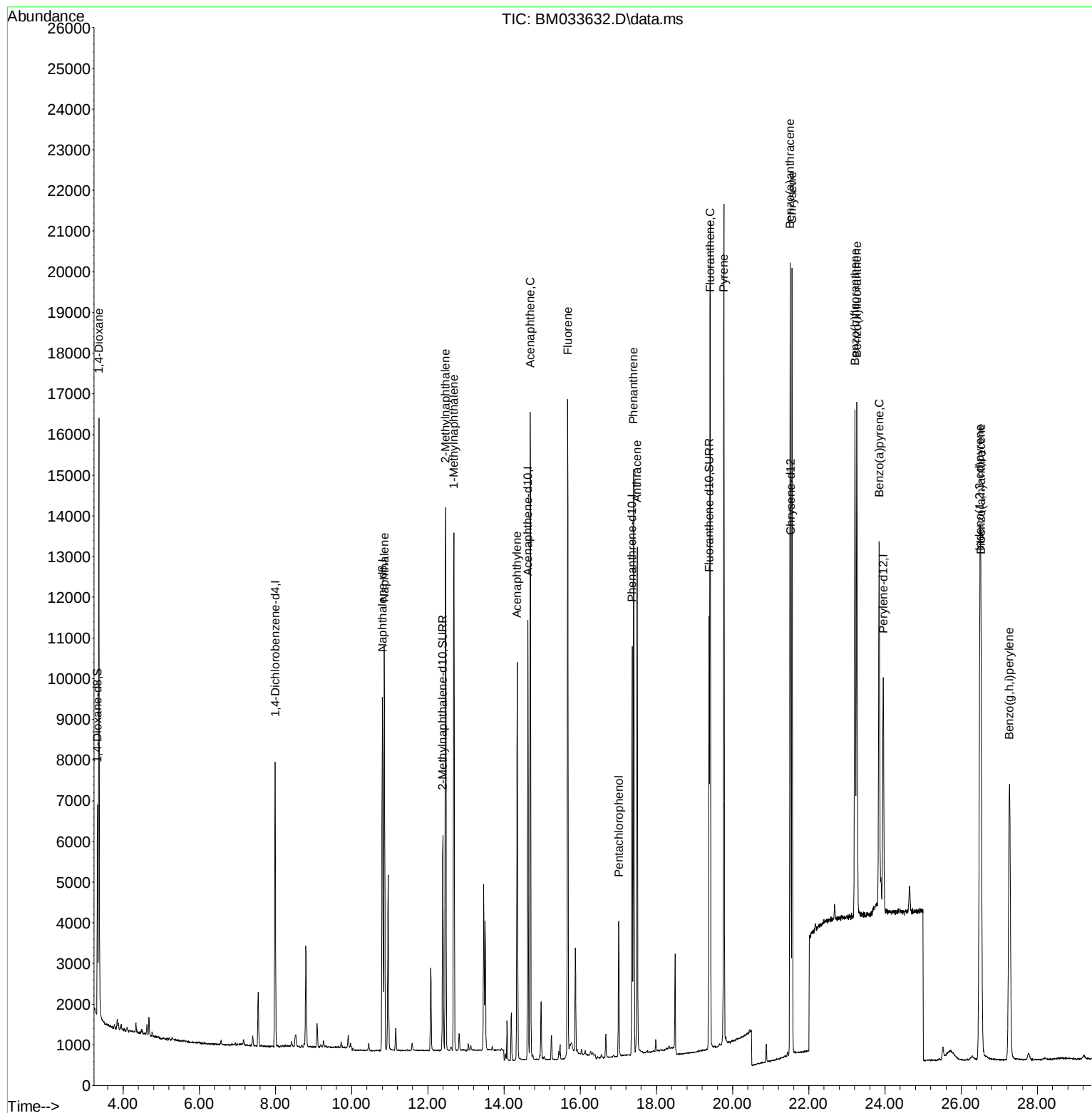
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010422\
Data File : BM033632.D
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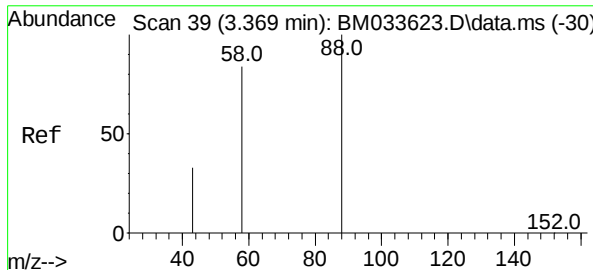
Instrument :
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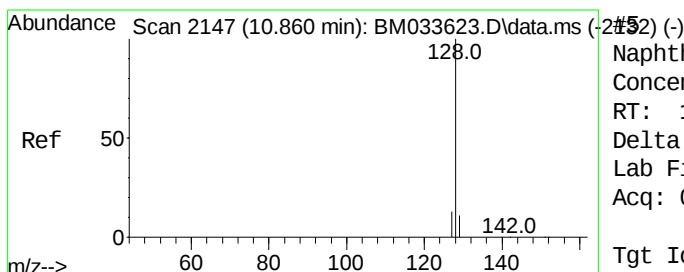
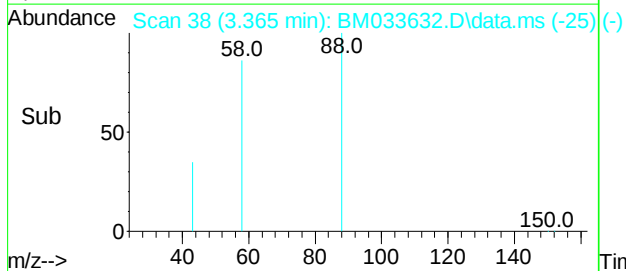
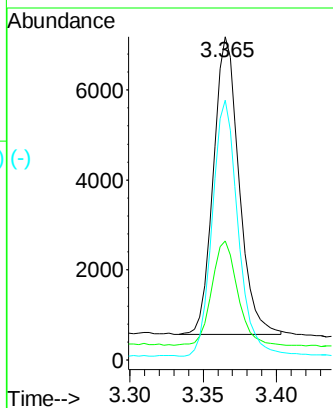
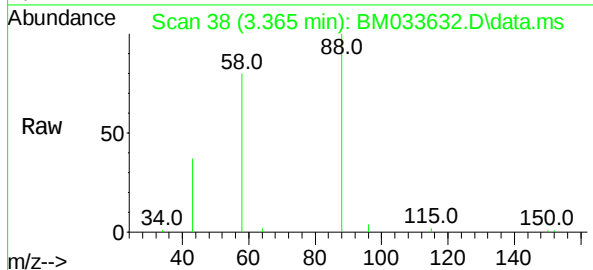
1,4-Dioxane
Concen: 2.045 ng/ul
RT: 3.365 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM033632.D
Acq: 04 Jan 2022 19:08

Instrument :
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ClientSampleId :
SLCS473

Tgt Ion: 88 Resp: 810
Ion Ratio Lower Upper
88 100
43 36.8 49.7 74.5
58 80.3 52.5 78.7

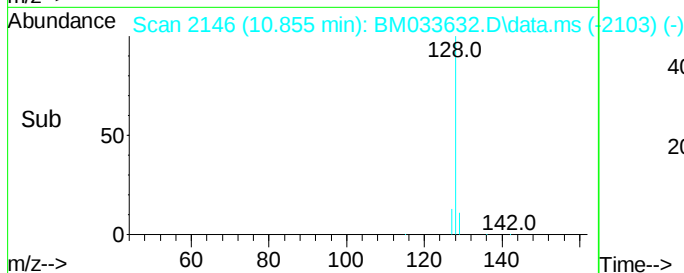
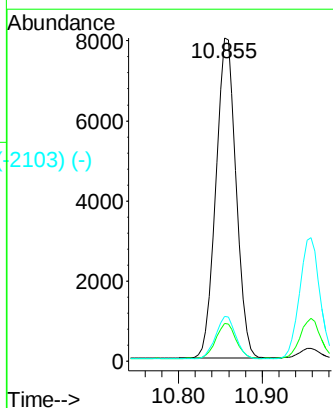
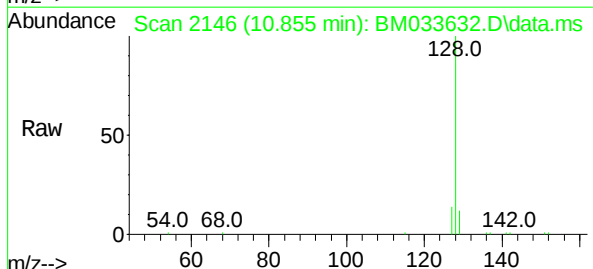
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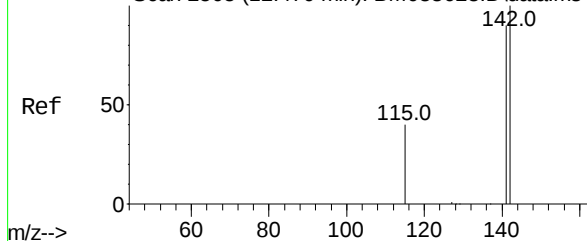


Naphthalene
Concen: 0.411 ng/ul
RT: 10.855 min Scan# 2146
Delta R.T. -0.005 min
Lab File: BM033632.D
Acq: 04 Jan 2022 19:08

Tgt Ion:128 Resp: 13455
Ion Ratio Lower Upper
128 100
129 11.6 13.4 20.2#
127 13.9 15.2 22.8#



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



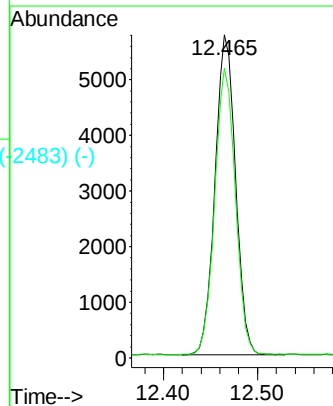
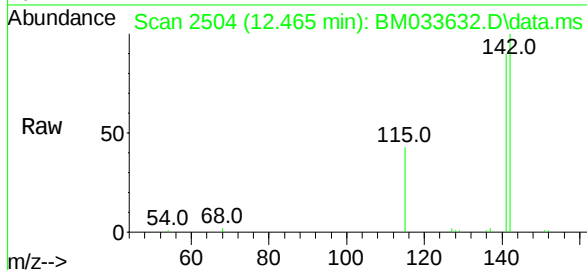
2-Methylnaphthalene
Concen: 0.415 ng/ul
RT: 12.465 min Scan# 2504
Delta R.T. -0.005 min
Lab File: BM033632.D
Acq: 04 Jan 2022 19:08

Instrument :
BNA_M
Client Sample Id :
SLCS473

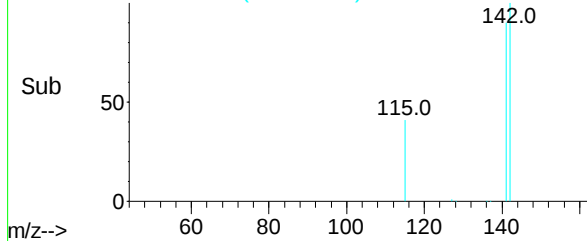
Tgt Ion:142 Resp: 872
Ion Ratio Lower Upper
142 100
141 90.1 71.8 107.6

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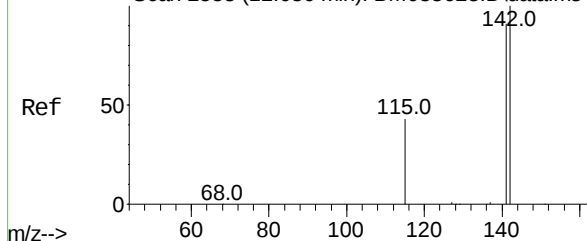
Reviewed By :Jagrut Upadhyay 01/05/2022
Supervised By :Yogesh Patel 01/06/2022



Abundance Scan 2504 (12.465 min): BM033632.D\data.ms (-2483) (-)

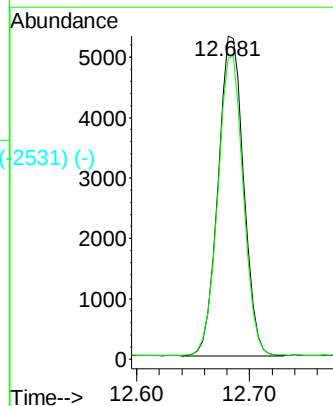
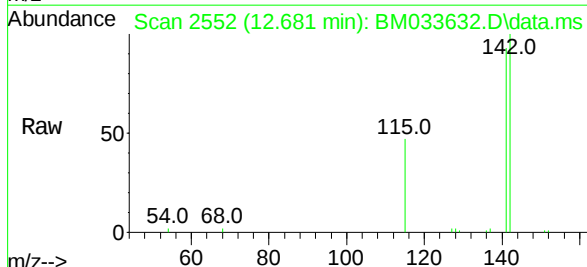


Abundance Scan 2553 (12.686 min): BM033623.D\data.ms (-2532) (-)

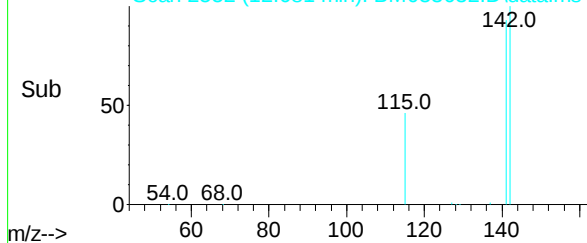


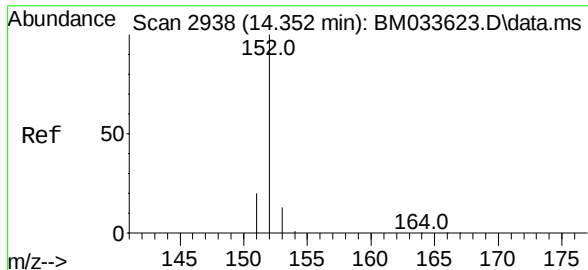
1-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.681 min Scan# 2552
Delta R.T. -0.005 min
Lab File: BM033632.D
Acq: 04 Jan 2022 19:08

Tgt Ion:142 Resp: 8381
Ion Ratio Lower Upper
142 100
141 93.6 75.0 112.4



Abundance Scan 2552 (12.681 min): BM033632.D\data.ms (-2531) (-)





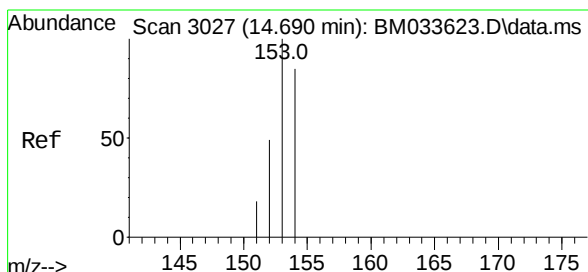
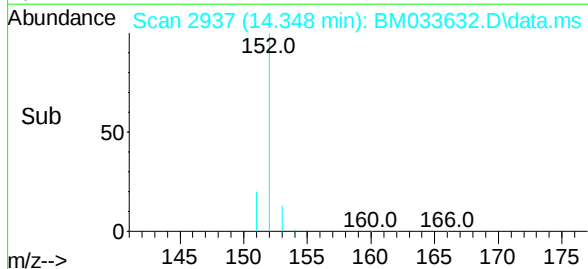
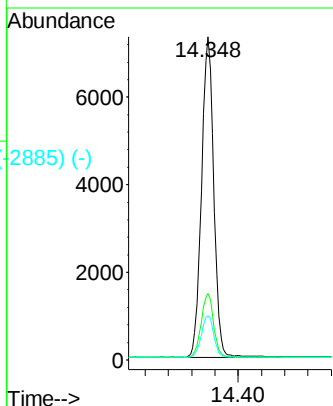
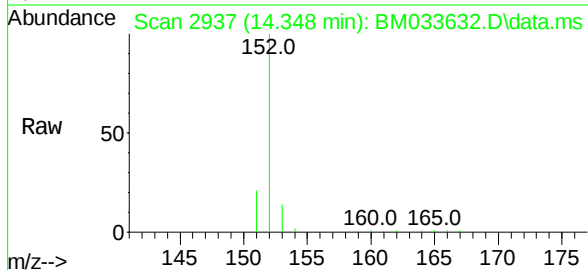
Acenaphthylene
Concen: 0.403 ng/u1
RT: 14.348 min Scan# 2937
Delta R.T. -0.004 min
Lab File: BM033632.D
Acq: 04 Jan 2022 19:08

Instrument :
BNA_M
ClientSampleId :
SLCS473

Tgt Ion:	152	Resp:	1069
Ion Ratio	Lower	Upper	
152	100		
151	20.6	19.9	29.9
153	13.6	15.0	22.4

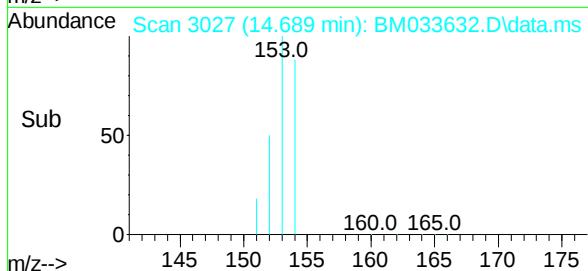
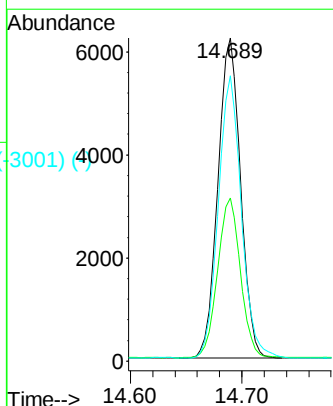
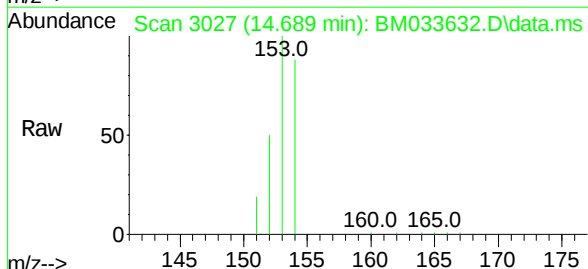
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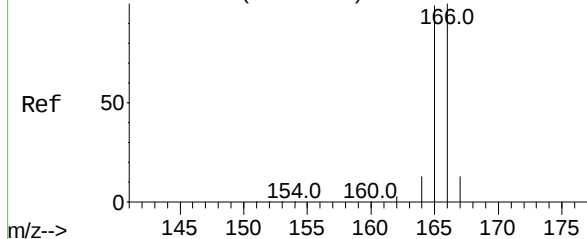


Acenaphthene
Concen: 0.414 ng/u1
RT: 14.689 min Scan# 3027
Delta R.T. -0.000 min
Lab File: BM033632.D
Acq: 04 Jan 2022 19:08

Tgt Ion:	153	Resp:	8771
Ion Ratio	Lower	Upper	
153	100		
152	50.4	42.4	63.6
154	88.3	66.2	99.2



Abundance Scan 3286 (15.671 min): BM033623.D\data.ms (-3212) (-)



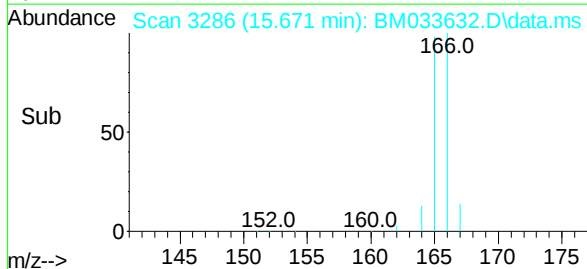
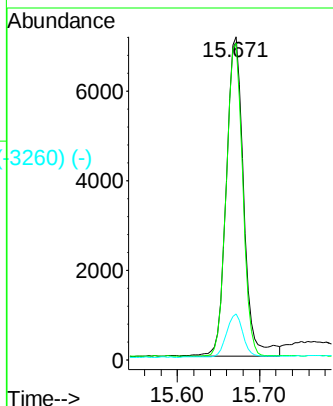
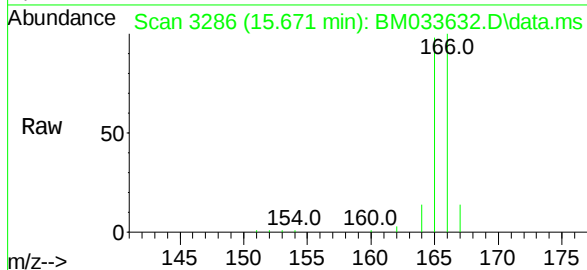
Fluorene
Concen: 0.415 ng/ul m
RT: 15.671 min Scan# 3286
Delta R.T. -0.000 min
Lab File: BM033632.D
Acq: 04 Jan 2022 19:08

Instrument :
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ClientSampleId :
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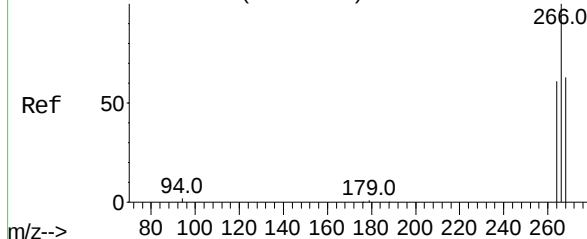
Tgt Ion:166 Resp: 105
Ion Ratio Lower Upper
166 100
165 98.0 81.1 121.7
167 14.2 14.9 22.3

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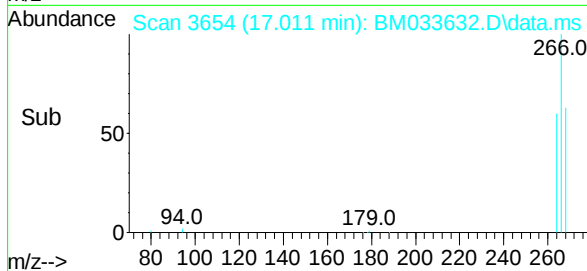
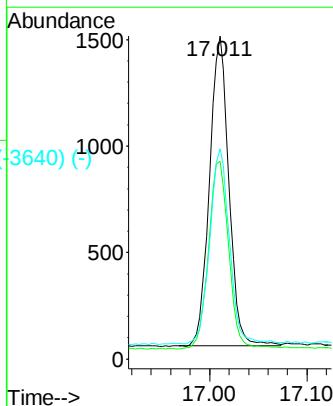
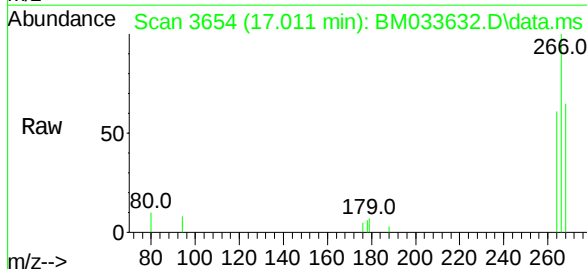


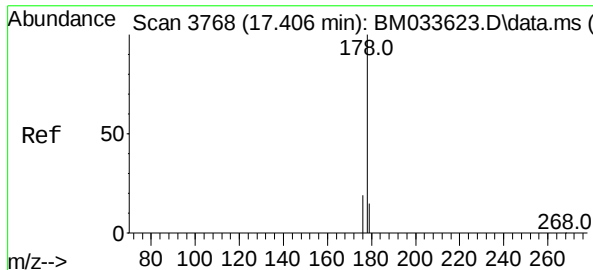
Abundance Scan 3654 (17.011 min): BM033623.D\data.ms (-3644) (-)



Pentachlorophenol
Concen: 0.473 ng/ul
RT: 17.011 min Scan# 3654
Delta R.T. -0.000 min
Lab File: BM033632.D
Acq: 04 Jan 2022 19:08

Tgt Ion:266 Resp: 2008
Ion Ratio Lower Upper
266 100
264 63.1 51.4 77.0
268 64.1 53.1 79.7





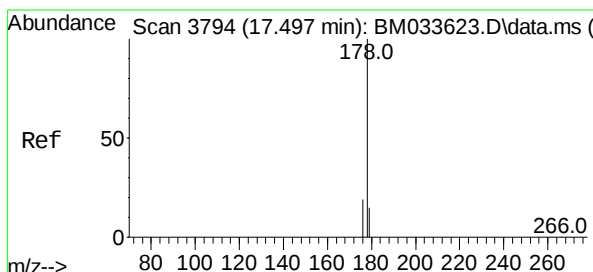
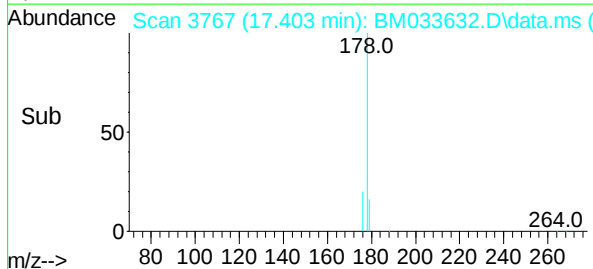
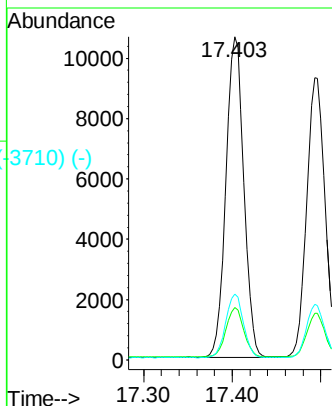
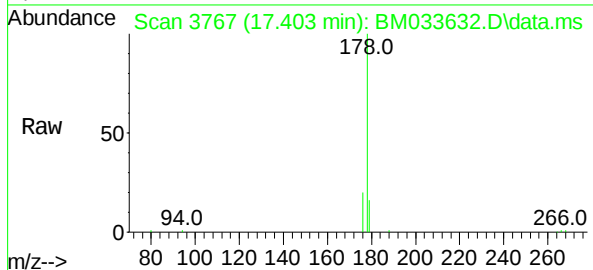
Phenanthrene
Concen: 0.428 ng/u1
RT: 17.403 min Scan# 3768
Delta R.T. -0.004 min
Lab File: BM033632.D
Acq: 04 Jan 2022 19:08

Instrument :
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ClientSampleId :
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Tgt Ion:178 Resp: 1489
Ion Ratio Lower Upper
178 100
179 16.2 15.0 22.6
176 20.5 17.9 26.9

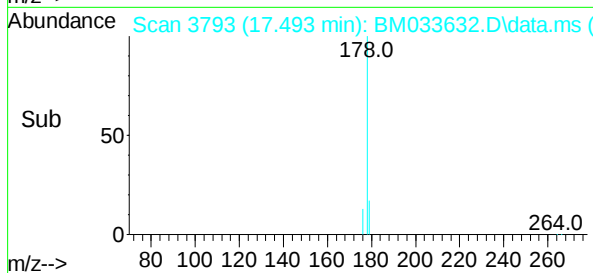
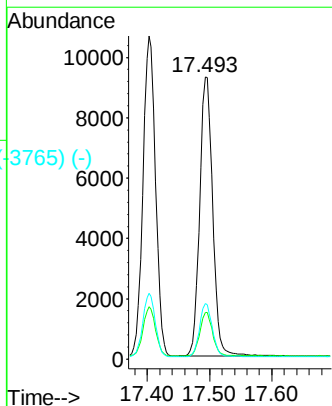
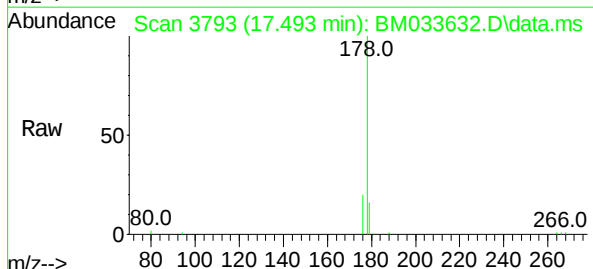
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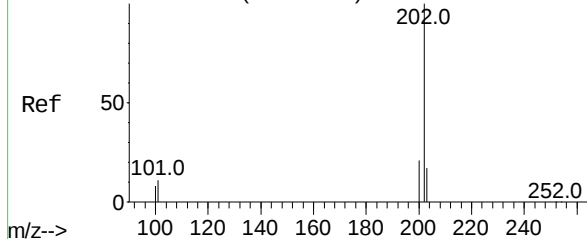


Anthracene
Concen: 0.424 ng/u1
RT: 17.493 min Scan# 3793
Delta R.T. -0.004 min
Lab File: BM033632.D
Acq: 04 Jan 2022 19:08

Tgt Ion:178 Resp: 13541
Ion Ratio Lower Upper
178 100
179 16.4 16.5 24.7#
176 19.6 18.3 27.5



Abundance Scan 4323 (19.414 min): BM033623.D\data.ms (-4319) (-)



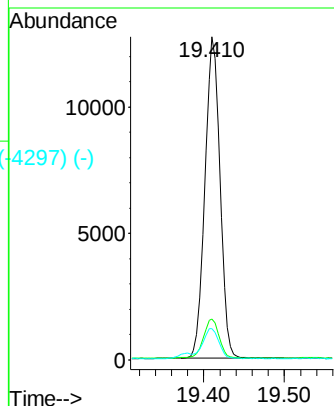
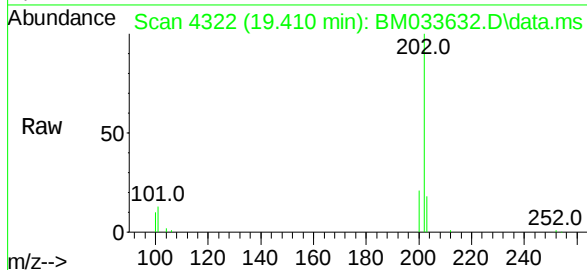
Fluoranthene
Concen: 0.436 ng/u1
RT: 19.410 min Scan# 419
Delta R.T. -0.004 min
Lab File: BM033632.D
Acq: 04 Jan 2022 19:08

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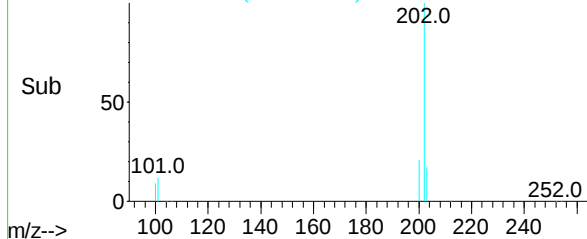
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.2	13.8
100	9.6	7.2	10.8

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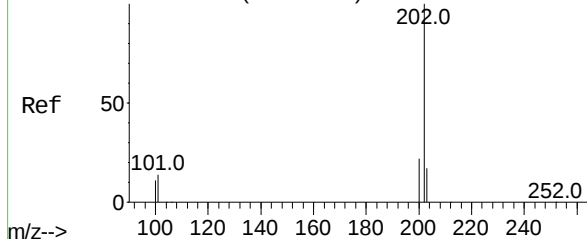
Reviewed By :Jagrut Upadhyay 01/05/2022
Supervised By :Yogesh Patel 01/06/2022



Abundance Scan 4322 (19.410 min): BM033632.D\data.ms (-4297) (-)

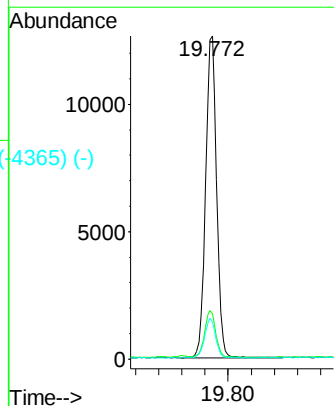
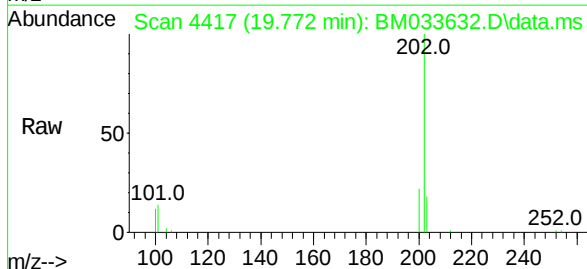


Abundance Scan 4417 (19.773 min): BM033623.D\data.ms (-4400) (-)

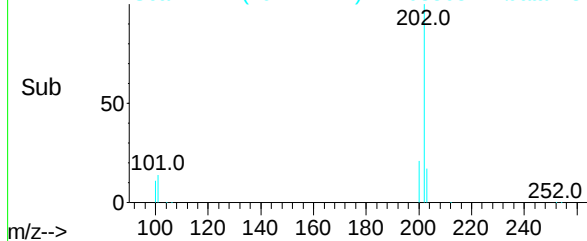


Pyrene
Concen: 0.434 ng/u1
RT: 19.772 min Scan# 4417
Delta R.T. -0.000 min
Lab File: BM033632.D
Acq: 04 Jan 2022 19:08

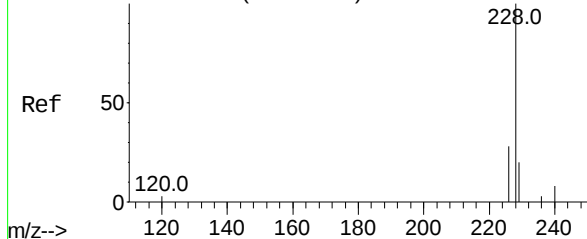
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	9.3	13.9#
100	11.5	7.8	11.6



Abundance Scan 4417 (19.772 min): BM033632.D\data.ms (-4365) (-)



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



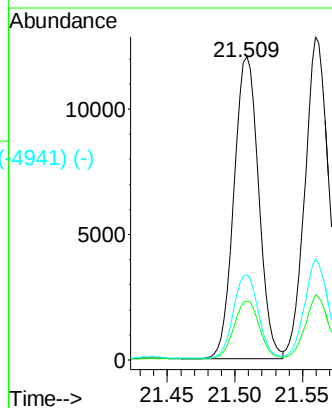
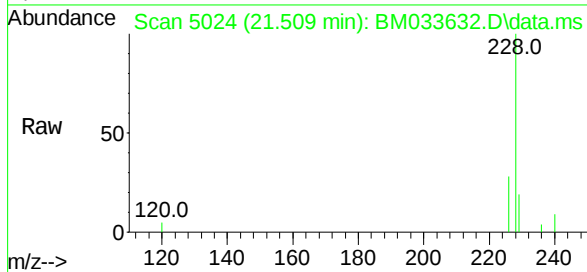
Benzo(a)anthracene
Concen: 0.456 ng/u1
RT: 21.509 min Scan# 5021
Delta R.T. -0.000 min
Lab File: BM033632.D
Acq: 04 Jan 2022 19:08

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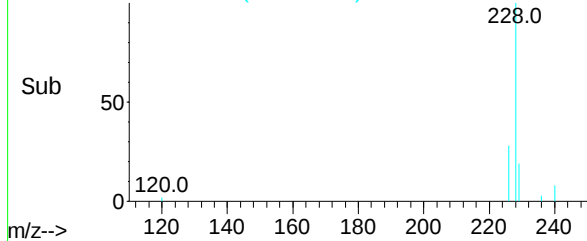
Tgt Ion:	228	Resp:	1527
Ion	Ratio	Lower	Upper
228	100		
229	19.5	17.3	25.9
226	28.0	23.2	34.8

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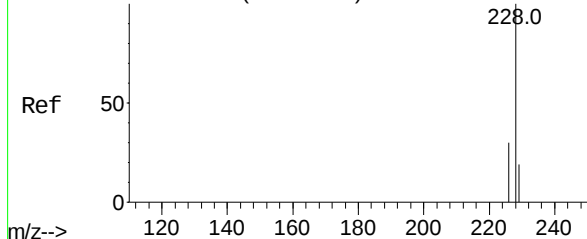
Reviewed By :Jagrut Upadhyay 01/05/2022
Supervised By :Yogesh Patel 01/06/2022



Abundance Scan 5024 (21.509 min): BM033632.D\data.ms (-4941) (-)

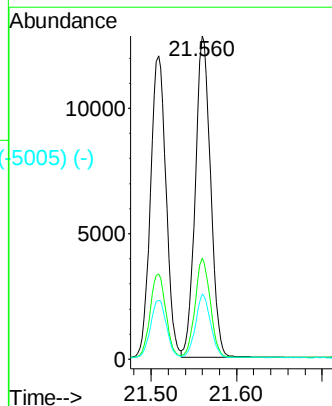
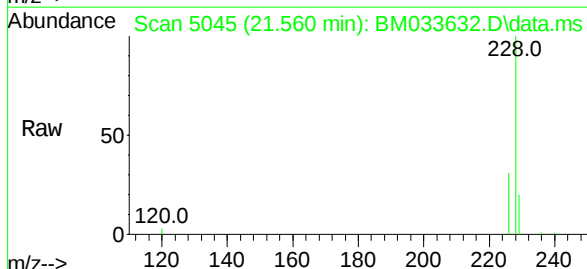


Abundance Scan 5046 (21.562 min): BM033623.D\data.ms (-5022) (-)

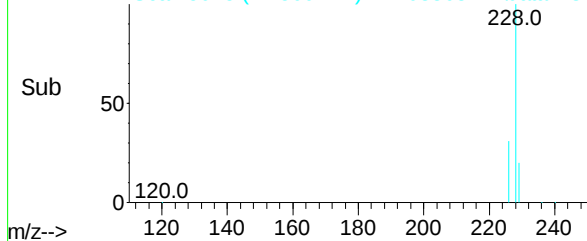


Chrysene
Concen: 0.461 ng/u1
RT: 21.560 min Scan# 5045
Delta R.T. -0.003 min
Lab File: BM033632.D
Acq: 04 Jan 2022 19:08

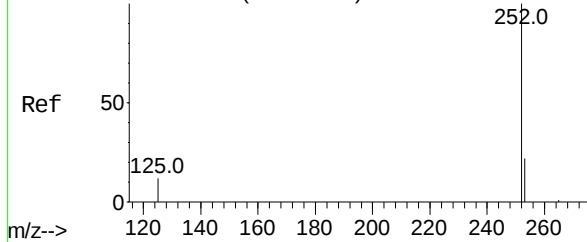
Tgt Ion:	228	Resp:	15819
Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.8	38.8
229	20.1	16.7	25.1



Abundance Scan 5045 (21.560 min): BM033632.D\data.ms (-5005) (-)



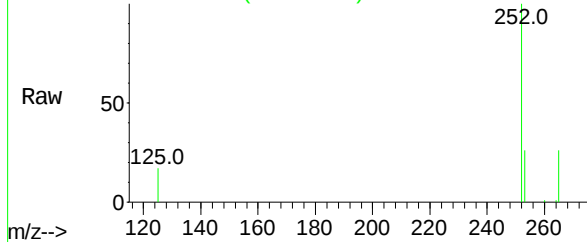
Abundance Scan 5728 (23.214 min): BM033623.D\data.ms (-5728) (-)



Benzo(b)fluoranthene
Concen: 0.450 ng/u1
RT: 23.211 min Scan# 5729
Delta R.T. -0.003 min
Lab File: BM033632.D
Acq: 04 Jan 2022 19:08

Instrument :
BNA_M
ClientSampleId :
SLCS473

Abundance Scan 5727 (23.211 min): BM033632.D\data.ms

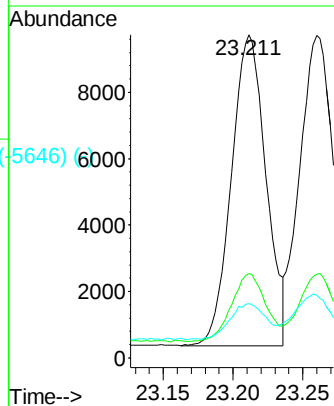
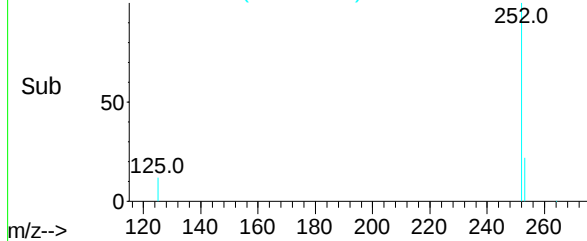


Tgt Ion:252 Resp: 1612
Ion Ratio Lower Upper
252 100
253 26.2 0.0 64.2
125 16.9 0.0 28.8

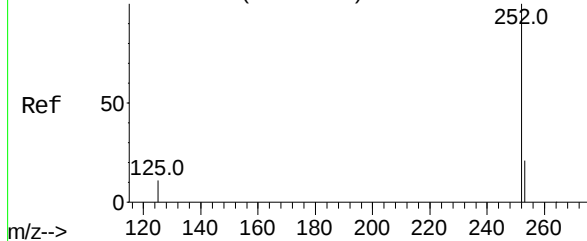
Manual Integrations
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Supervised By :Yogesh Patel 01/06/2022

Abundance Scan 5727 (23.211 min): BM033632.D\data.ms (-5646) (-)



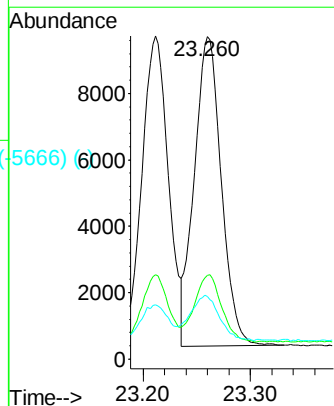
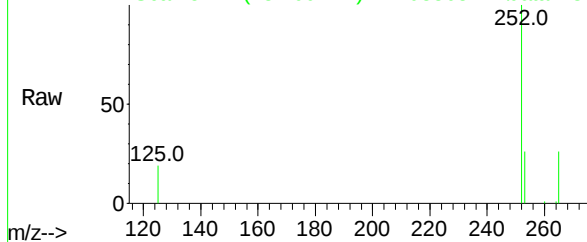
Abundance Scan 5748 (23.262 min): BM033623.D\data.ms (-5725) (-)



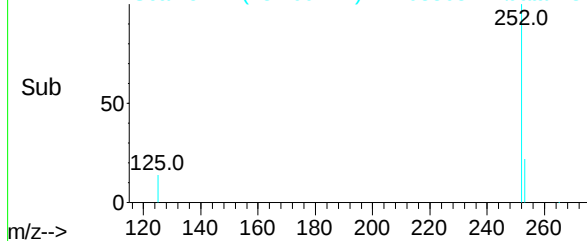
Benzo(k)fluoranthene
Concen: 0.465 ng/u1
RT: 23.260 min Scan# 5747
Delta R.T. -0.003 min
Lab File: BM033632.D
Acq: 04 Jan 2022 19:08

Tgt Ion:252 Resp: 16366
Ion Ratio Lower Upper
252 100
253 26.0 26.8 40.2#
125 19.3 12.0 18.0#

Abundance Scan 5747 (23.260 min): BM033632.D\data.ms



Abundance Scan 5747 (23.260 min): BM033632.D\data.ms (-5666) (-)



Abundance Scan 5990 (23.849 min): BM033623.D\data.ms (-5925) (-)

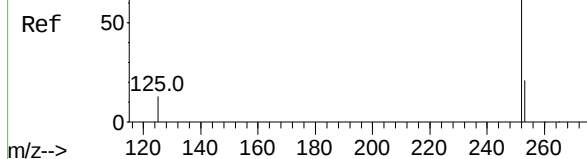
Benzo(a)pyrene
Concen: 0.451 ng/u1
RT: 23.846 min Scan# 5925
Delta R.T. -0.003 min
Lab File: BM033632.D
Acq: 04 Jan 2022 19:08

Instrument :

BNA_M

ClientSampleId :

SLCS473

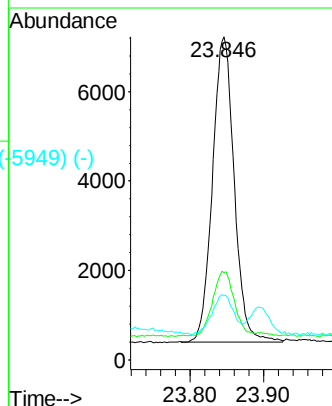
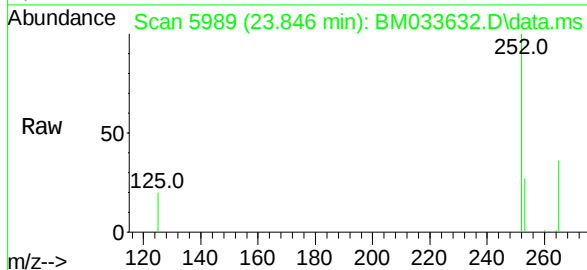


Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.0	32.0	48.0
125	20.0	14.5	21.7

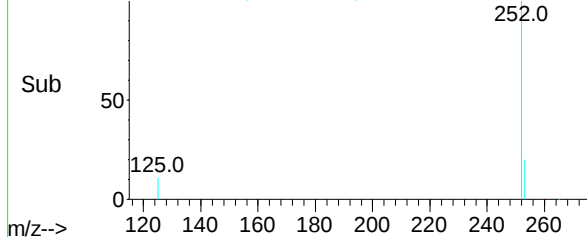
Manual Integrations

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



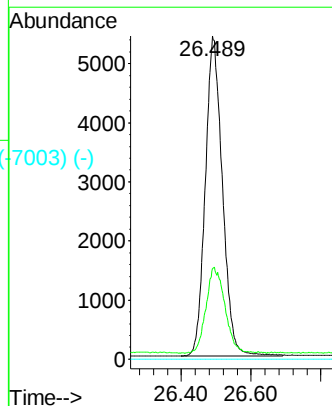
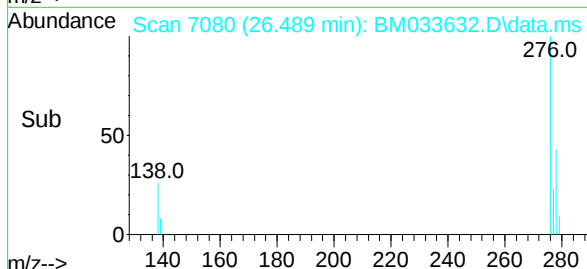
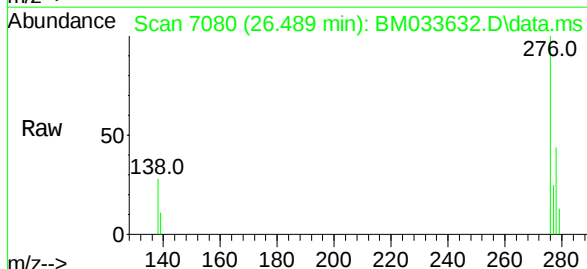
Abundance Scan 5989 (23.846 min): BM033632.D\data.ms (-5949) (-)



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

Indeno(1,2,3-cd)pyrene
Concen: 0.455 ng/u1
RT: 26.489 min Scan# 7080
Delta R.T. -0.012 min
Lab File: BM033632.D
Acq: 04 Jan 2022 19:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.2	15.8	23.6#
227	0.0	0.0	0.0

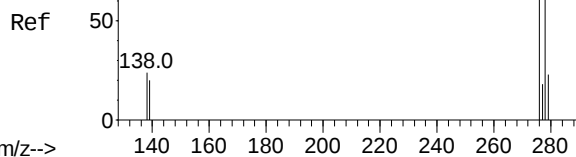


Abundance Scan 7080 (26.489 min): BM033632.D\data.ms (-7003) (-)



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

Dibenzo(a,h)anthracene
Concen: 0.465 ng/u1
RT: 26.519 min Scan# 7093
Delta R.T. -0.003 min
Lab File: BM033632.D
Acq: 04 Jan 2022 19:08

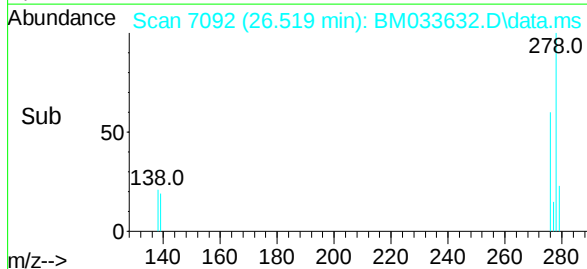
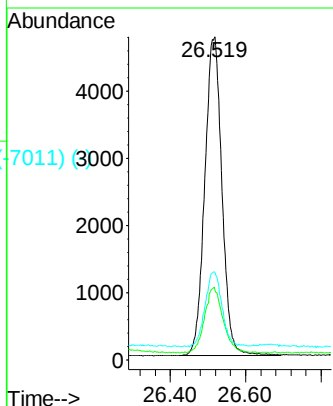
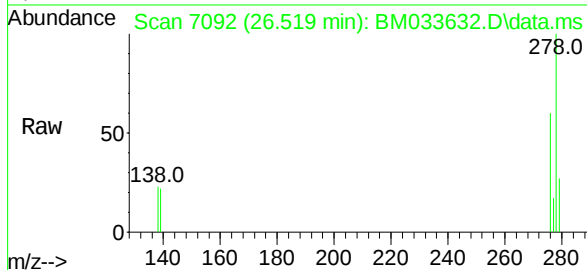


Instrument :
BNA_M
ClientSampleId :
SLCS473

Tgt Ion:	278	Resp:	1500
Ion Ratio	Lower	Upper	
278	100		
139	21.6	18.0	27.0
279	27.2	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: 0.454 ng/u1
RT: 27.267 min Scan# 7401
Delta R.T. -0.015 min
Lab File: BM033632.D
Acq: 04 Jan 2022 19:08

Tgt Ion:	276	Resp:	15820
Ion Ratio	Lower	Upper	
276	100		
138	27.1	17.4	26.0#
277	25.2	22.6	33.8

