

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
 Data File : BM033577.D
 Acq On : 22 Dec 2021 15:39
 Operator : CG/JU
 Sample : PB141294BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS294

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
 Supervised By :mohammad ahmed 12/29/2021

Quant Time: Dec 23 00:36:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 12:43:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	294	0.400	ng/ul	0.01
4) Naphthalene-d8	10.742	136	800	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.568	164	473	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.323	188	1048	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.494	240	1312	0.400	ng/ul	# 0.00
23) Perylene-d12	23.897	264	1377	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	195	0.777	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	297	0.278	ng/ul	0.03
18) Fluoranthene-d10	19.341	212	1063	0.350	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.368	88	602	1.852	ng/ul	91
5) Naphthalene	10.792	128	770	0.291	ng/ul#	79
7) 2-Methylnaphthalene	12.424	142	471	0.262	ng/ul	94
8) 1-Methylnaphthalene	12.618	142	463	0.275	ng/ul	97
10) Acenaphthylene	14.295	152	758	0.299	ng/ul#	91
11) Acenaphthene	14.629	153	606	0.314	ng/ul	95
12) Fluorene	15.630	166	637	0.298	ng/ul#	97
14) Pentachlorophenol	16.986	266	278	0.529	ng/ul	98
15) Phenanthrene	17.365	178	1035	0.304	ng/ul#	87
16) Anthracene	17.469	178	880	0.276	ng/ul#	84
19) Fluoranthene	19.372	202	1320	0.328	ng/ul#	89
20) Pyrene	19.734	202	1400	0.332	ng/ul#	87
21) Benzo(a)anthracene	21.484	228	1069m	0.297	ng/ul	
22) Chrysene	21.533	228	1281	0.315	ng/ul	97
24) Benzo(b)fluoranthene	23.165	252	1320	0.303	ng/ul	80
25) Benzo(k)fluoranthene	23.213	252	1556	0.341	ng/ul#	82
26) Benzo(a)pyrene	23.800	252	1348	0.334	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.387	276	1821	0.326	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.421	278	1397	0.312	ng/ul#	78
29) Benzo(g,h,i)perylene	27.155	276	1646	0.334	ng/ul#	88

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

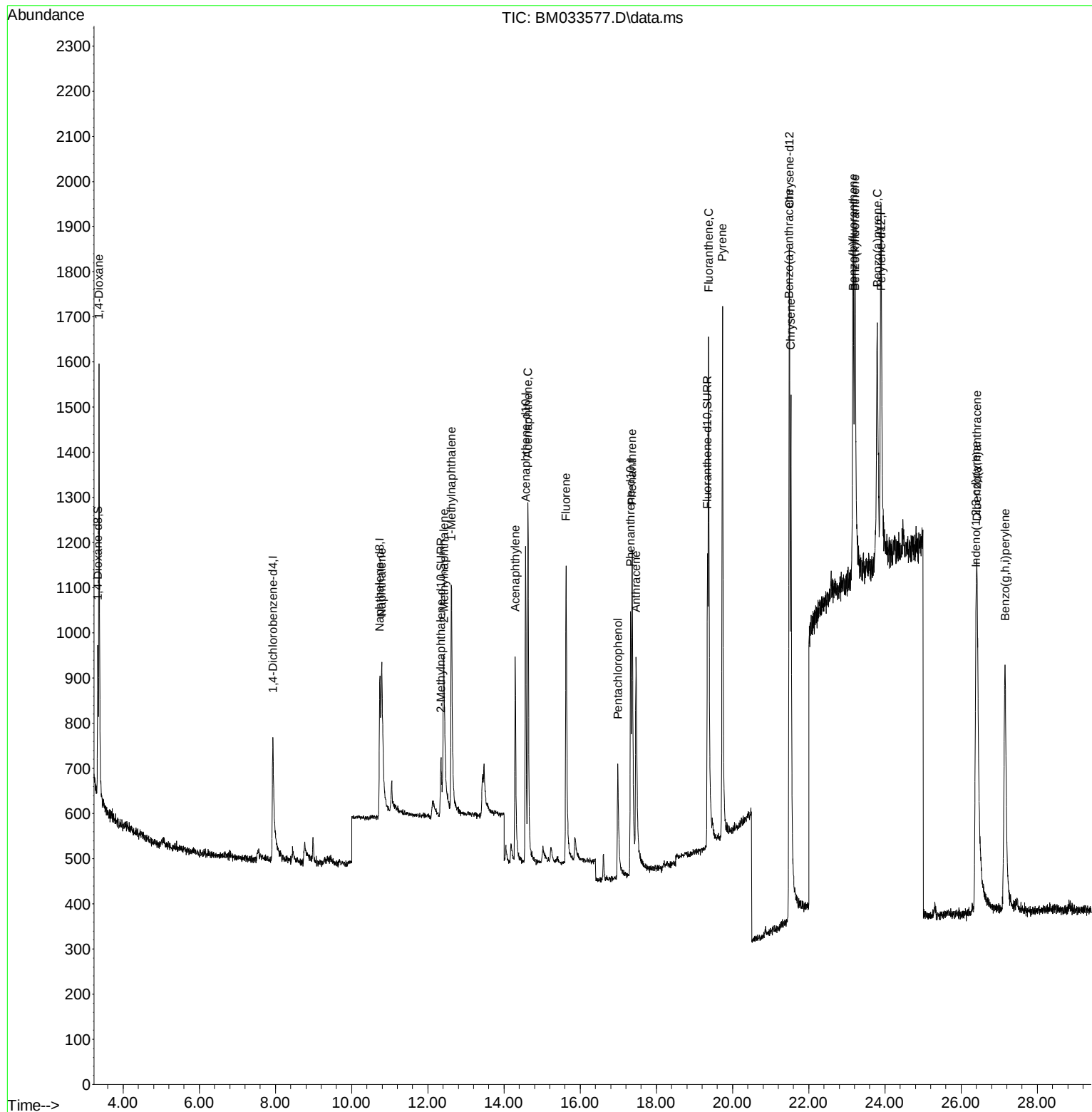
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
Data File : BM033577.D
Acq On : 22 Dec 2021 15:39
Operator : CG/JU
Sample : PB141294BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

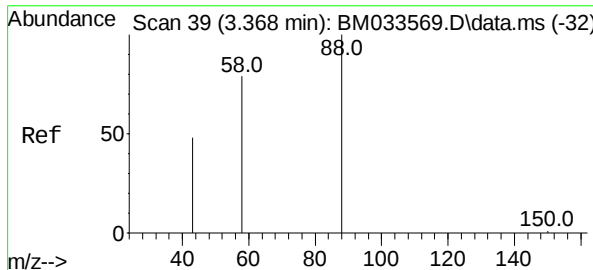
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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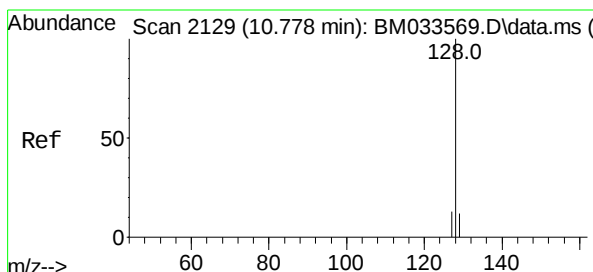
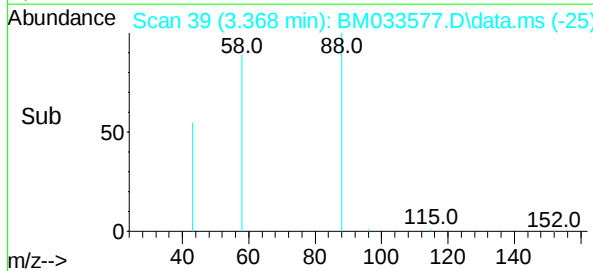
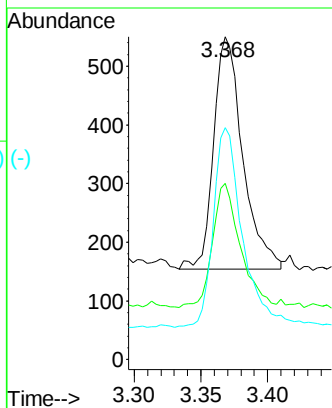
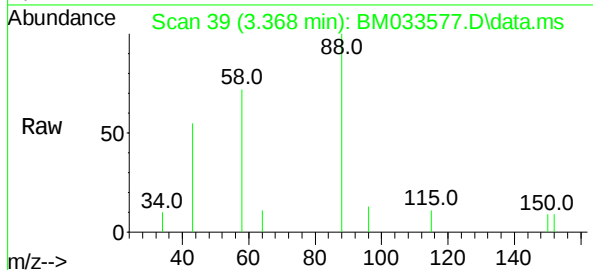
1,4-Dioxane
Concen: 1.852 ng/ul
RT: 3.368 min Scan# 39
Delta R.T. -0.000 min
Lab File: BM033577.D
Acq: 22 Dec 2021 15:39

Instrument :
BNA_M
ClientSampleId :
SLCS294

Tgt Ion: 88 Resp: 60
Ion Ratio Lower Upper
88 100
43 54.5 49.7 74.5
58 71.8 52.5 78.7

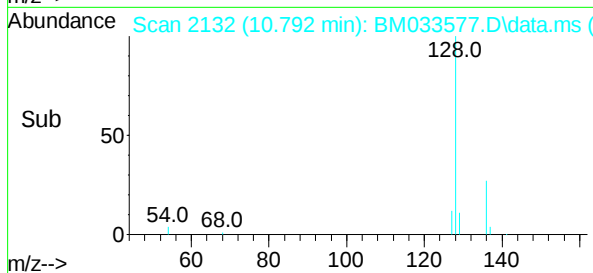
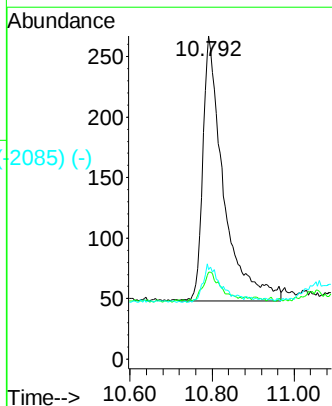
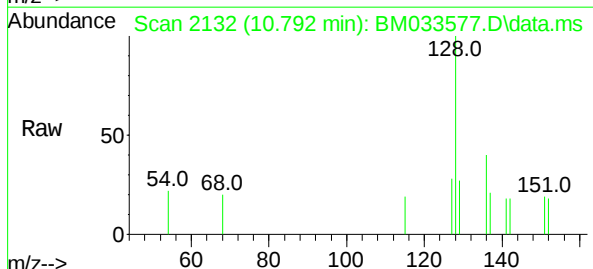
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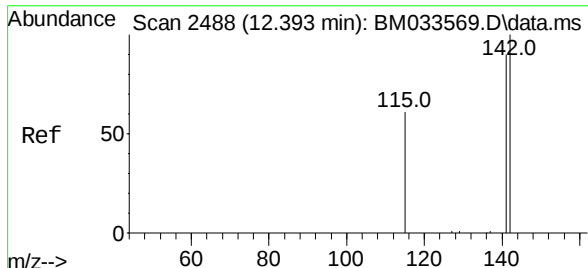
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021



Naphthalene
Concen: 0.291 ng/ul
RT: 10.792 min Scan# 2132
Delta R.T. 0.013 min
Lab File: BM033577.D
Acq: 22 Dec 2021 15:39

Tgt Ion:128 Resp: 770
Ion Ratio Lower Upper
128 100
129 27.0 13.4 20.2#
127 27.7 15.2 22.8#





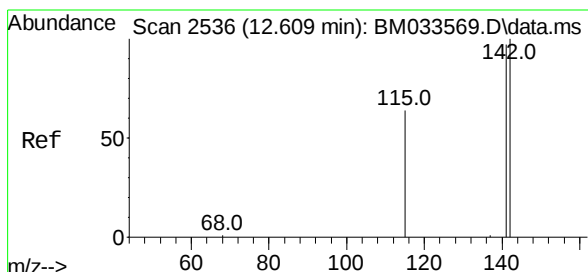
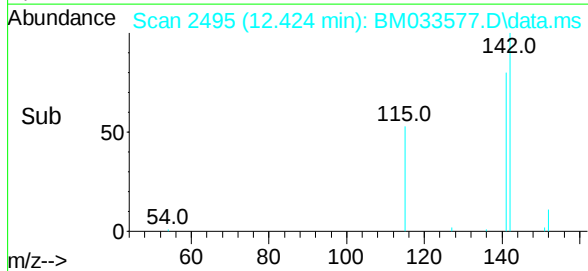
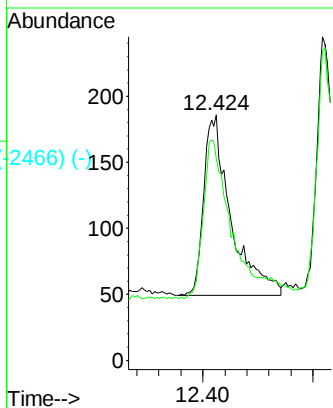
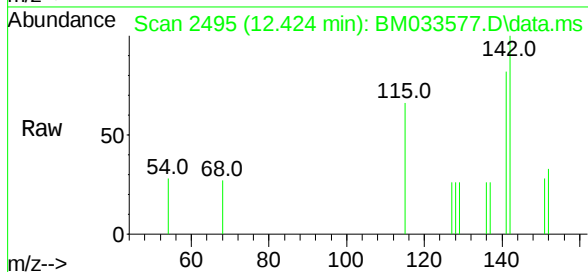
2-Methylnaphthalene
 Concen: 0.262 ng/u1
 RT: 12.424 min Scan# 2488
 Delta R.T. 0.031 min
 Lab File: BM033577.D
 Acq: 22 Dec 2021 15:39

Instrument :
 BNA_M
 ClientSampleId :
 SLCS294

Tgt Ion:142 Resp: 47
 Ion Ratio Lower Upper
 142 100
 141 95.1 71.8 107.6

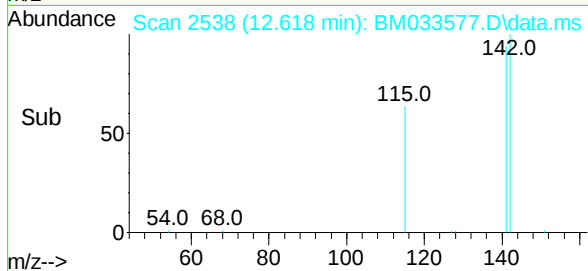
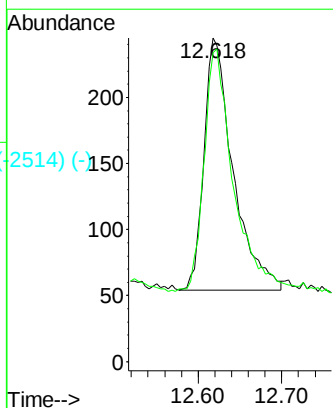
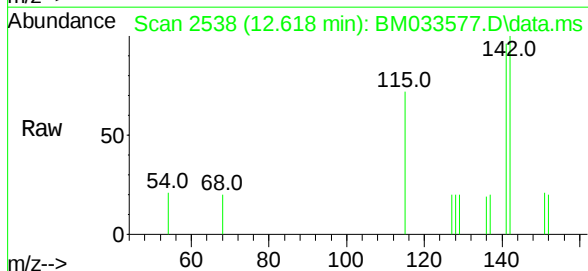
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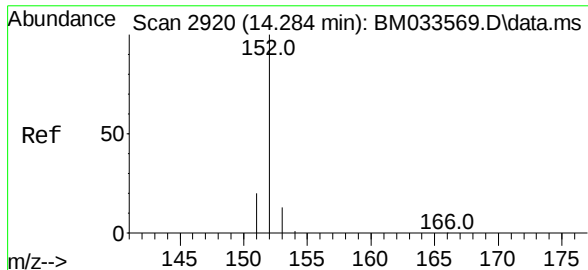
Reviewed By :Jagrut Upadhyay 12/23/2021
 Supervised By :mohammad ahmed 12/29/2021



1-Methylnaphthalene
 Concen: 0.275 ng/u1
 RT: 12.618 min Scan# 2538
 Delta R.T. 0.009 min
 Lab File: BM033577.D
 Acq: 22 Dec 2021 15:39

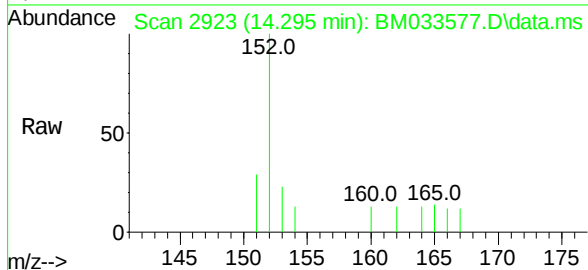
Tgt Ion:142 Resp: 463
 Ion Ratio Lower Upper
 142 100
 141 96.5 75.0 112.4





Acenaphthylene
Concen: 0.299 ng/ul
RT: 14.295 min Scan# 3010
Delta R.T. 0.011 min
Lab File: BM033577.D
Acq: 22 Dec 2021 15:39

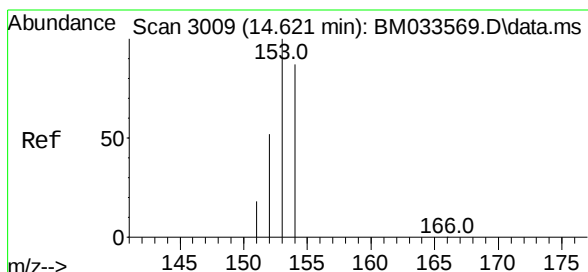
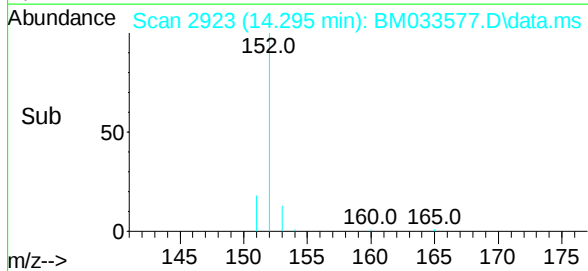
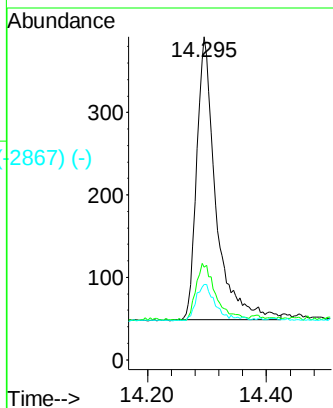
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:	152	Resp:	75
Ion Ratio	Lower	Upper	
152	100		
151	28.6	19.9	29.9
153	23.2	15.0	22.4

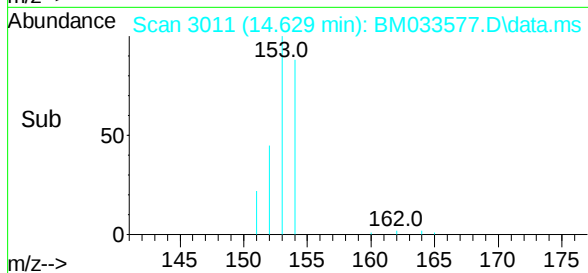
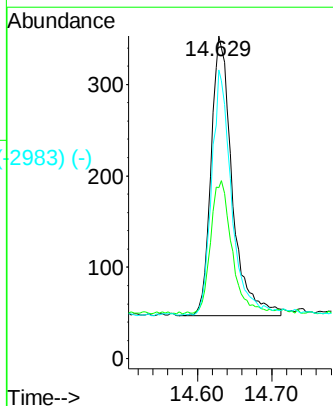
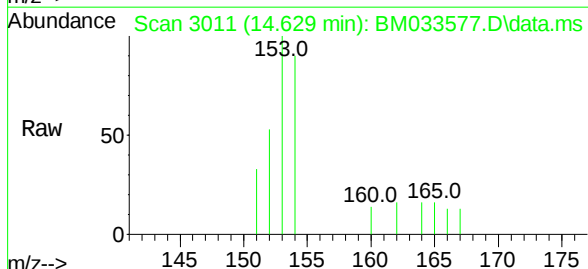
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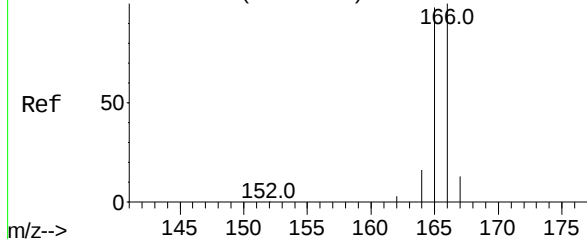


Acenaphthene
Concen: 0.314 ng/ul
RT: 14.629 min Scan# 3011
Delta R.T. 0.007 min
Lab File: BM033577.D
Acq: 22 Dec 2021 15:39

Tgt Ion:	153	Resp:	606
Ion Ratio	Lower	Upper	
153	100		
152	53.0	42.4	63.6
154	89.5	66.2	99.2



Abundance Scan 3272 (15.618 min): BM033569.D\data.ms (-3272) (-)



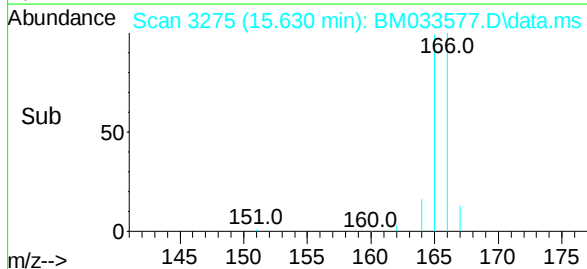
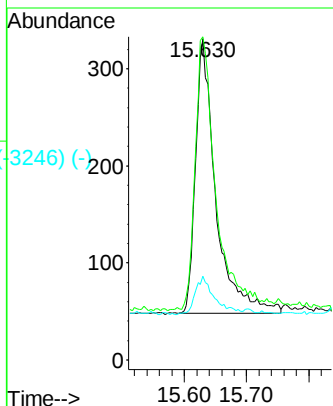
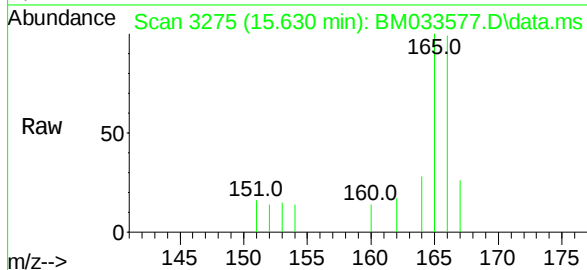
Fluorene
Concen: 0.298 ng/ul
RT: 15.630 min Scan# 3272
Delta R.T. 0.011 min
Lab File: BM033577.D
Acq: 22 Dec 2021 15:39

Instrument :
BNA_M
Client SampleId :
SLCS294

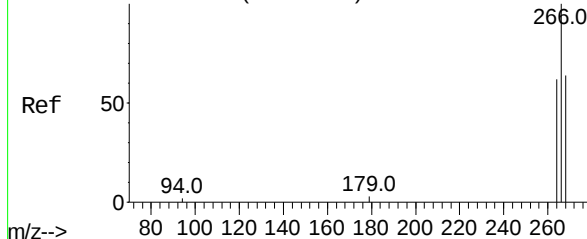
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.6	81.1	121.7
167	26.0	14.9	22.3

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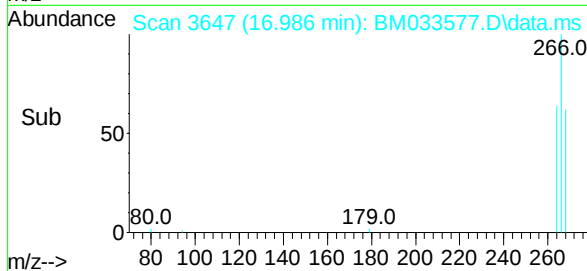
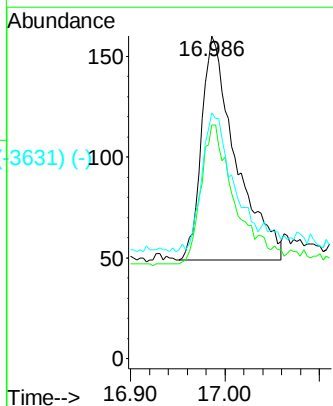
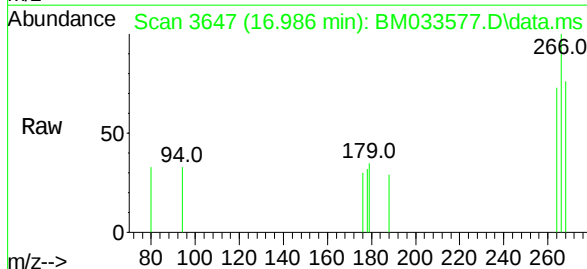


Abundance Scan 3645 (16.979 min): BM033569.D\data.ms (-3645) (-)

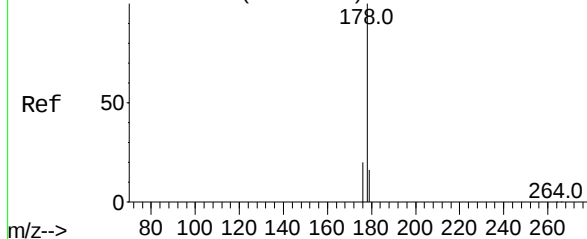


Pentachlorophenol
Concen: 0.529 ng/ul
RT: 16.986 min Scan# 3647
Delta R.T. 0.007 min
Lab File: BM033577.D
Acq: 22 Dec 2021 15:39

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.9	51.4	77.0
268	64.7	53.1	79.7



Abundance Scan 3754 (17.358 min): BM033569.D\data.ms (-3715) (-)



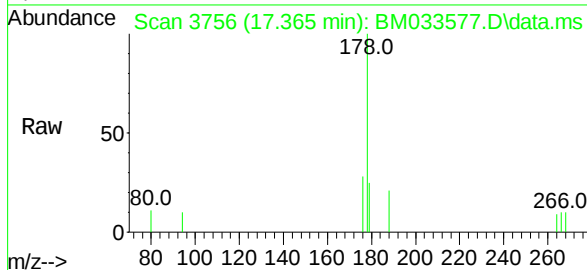
Phenanthrene
Concen: 0.304 ng/ul
RT: 17.365 min Scan# 3754
Delta R.T. 0.007 min
Lab File: BM033577.D
Acq: 22 Dec 2021 15:39

Instrument :
BNA_M
Client Sample Id :
SLCS294

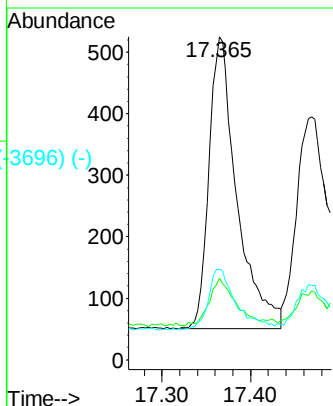
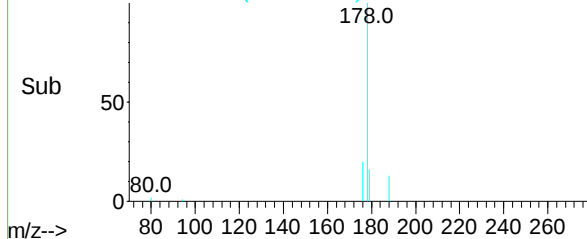
Tgt Ion:	178	Resp:	100
Ion	Ratio	Lower	Upper
178	100		
179	25.3	15.0	22.6
176	28.0	17.9	26.9

Manual Integrations
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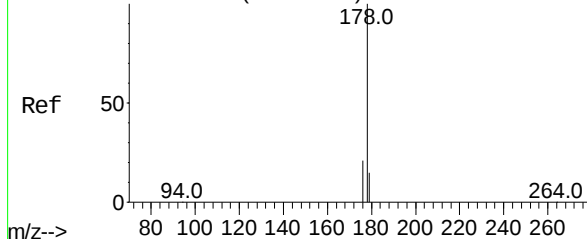
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021



Abundance Scan 3756 (17.365 min): BM033577.D\data.ms (-3696) (-)

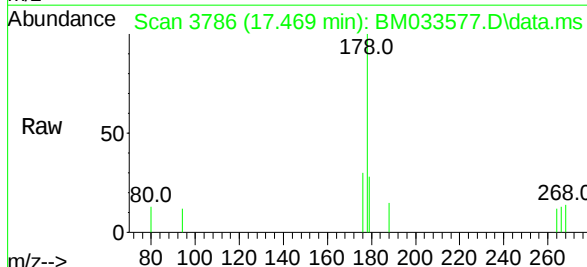


Abundance Scan 3781 (17.451 min): BM033569.D\data.ms (-3716) (-)

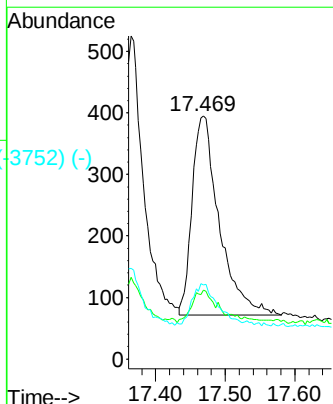
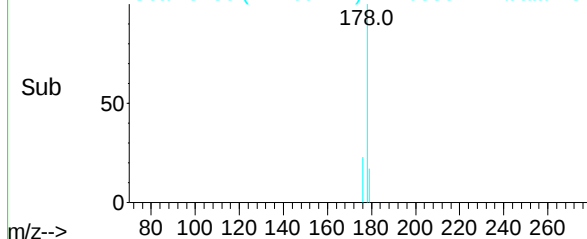


Anthracene
Concen: 0.276 ng/ul
RT: 17.469 min Scan# 3786
Delta R.T. 0.017 min
Lab File: BM033577.D
Acq: 22 Dec 2021 15:39

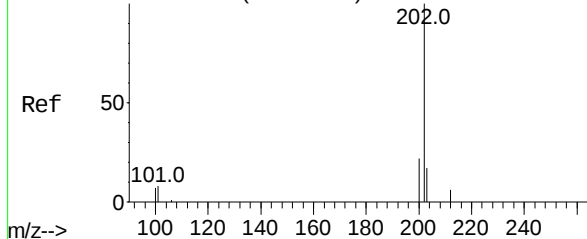
Tgt Ion:	178	Resp:	880
Ion	Ratio	Lower	Upper
178	100		
179	28.4	16.5	24.7#
176	30.4	18.3	27.5#



Abundance Scan 3786 (17.469 min): BM033577.D\data.ms (-3752) (-)



Abundance Scan 4310 (19.365 min): BM033569.D\data.ms (-4219) (-)



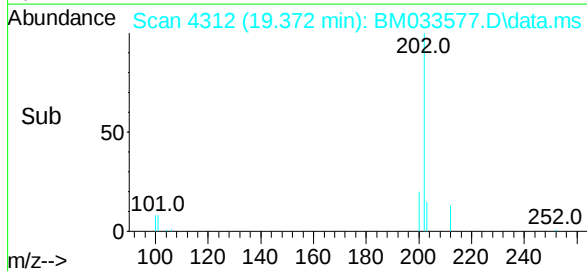
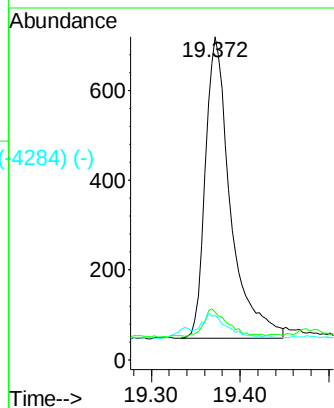
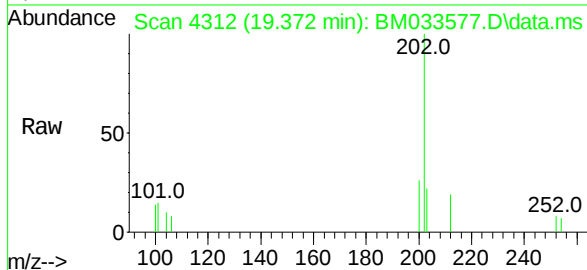
Fluoranthene
Concen: 0.328 ng/u1
RT: 19.372 min Scan# 4312
Delta R.T. 0.007 min
Lab File: BM033577.D
Acq: 22 Dec 2021 15:39

Instrument :
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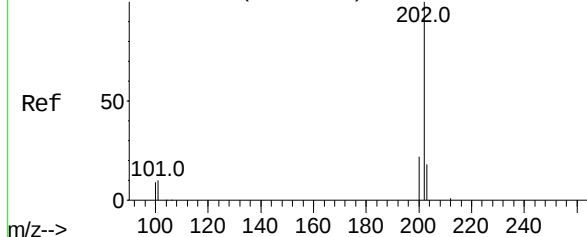
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.7	9.2	13.8
100	13.9	7.2	10.8

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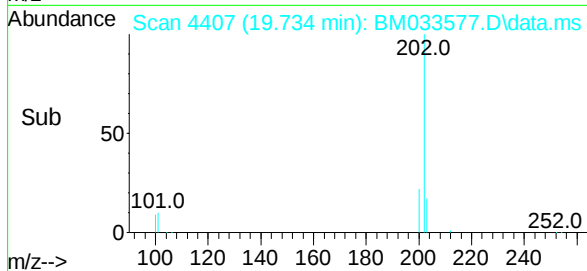
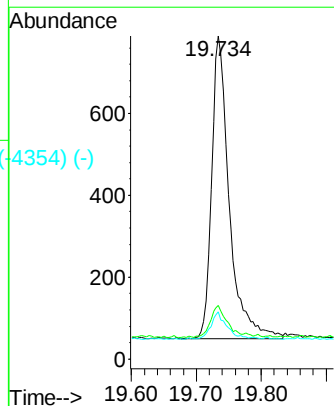
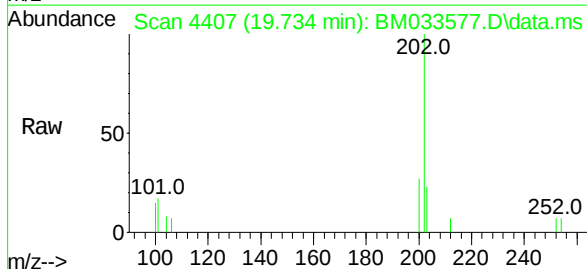


Abundance Scan 4406 (19.731 min): BM033569.D\data.ms (-4320) (-)

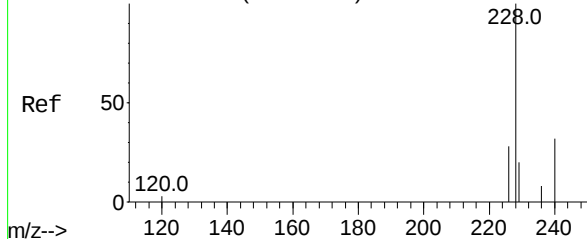


Pyrene
Concen: 0.332 ng/u1
RT: 19.734 min Scan# 4407
Delta R.T. 0.003 min
Lab File: BM033577.D
Acq: 22 Dec 2021 15:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.6	9.3	13.9#
100	14.6	7.8	11.6#



Abundance Scan 5011 (21.477 min): BM033569.D\data.ms (-4921) (-)



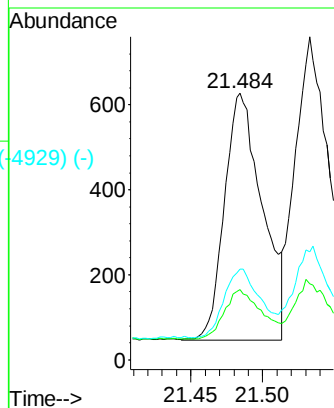
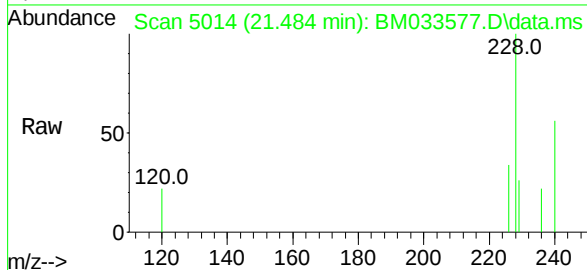
Benzo(a)anthracene
Concen: 0.297 ng/ul m
RT: 21.484 min Scan# 5011
Delta R.T. 0.007 min
Lab File: BM033577.D
Acq: 22 Dec 2021 15:39

Instrument :
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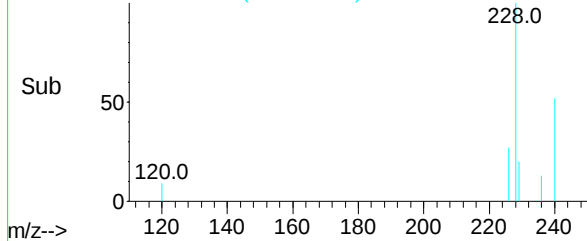
Tgt Ion:	228	Resp:	100
Ion	Ratio	Lower	Upper
228	100		
229	26.3	17.3	25.9
226	33.9	23.2	34.8

Manual Integrations
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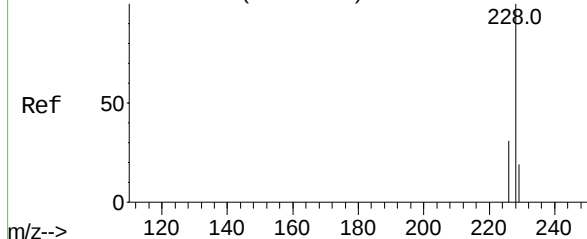
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021



Abundance Scan 5014 (21.484 min): BM033577.D\data.ms (-4929) (-)

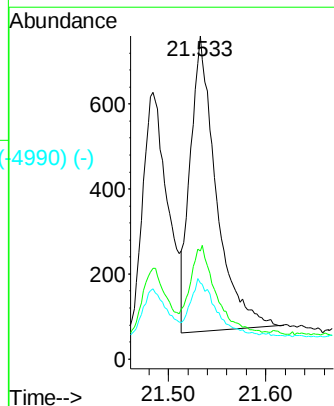
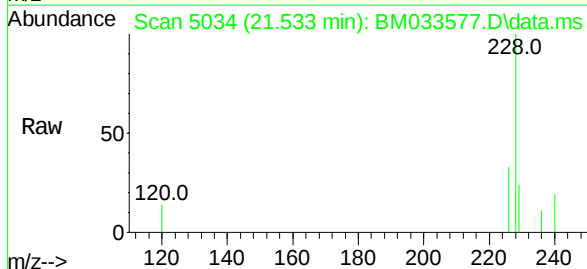


Abundance Scan 5031 (21.526 min): BM033569.D\data.ms (-5022) (-)

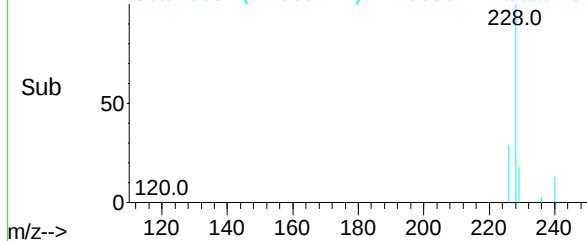


Chrysene
Concen: 0.315 ng/ul
RT: 21.533 min Scan# 5034
Delta R.T. 0.007 min
Lab File: BM033577.D
Acq: 22 Dec 2021 15:39

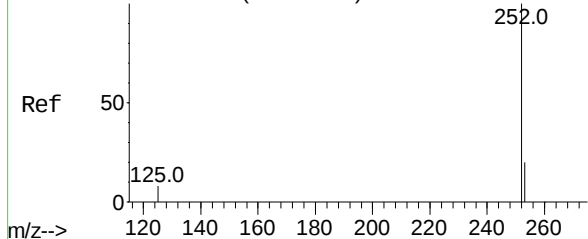
Tgt Ion:	228	Resp:	1281
Ion	Ratio	Lower	Upper
228	100		
226	33.4	25.8	38.8
229	23.6	16.7	25.1



Abundance Scan 5034 (21.533 min): BM033577.D\data.ms (-4990) (-)



Abundance Scan 5704 (23.156 min): BM033569.D\data.ms (-5624) (-)



Benzo(b)fluoranthene
Concen: 0.303 ng/u1
RT: 23.165 min Scan# 5704
Delta R.T. 0.009 min
Lab File: BM033577.D
Acq: 22 Dec 2021 15:39

Instrument :

BNA_M

ClientSampleId :

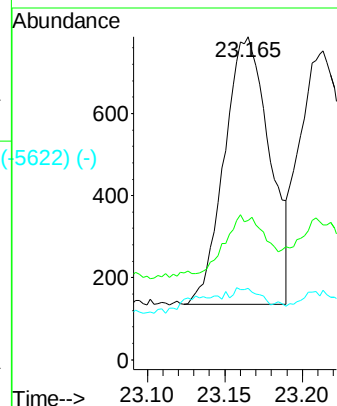
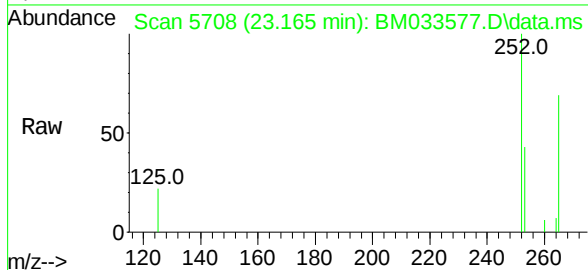
SLCS294

Tgt Ion	Ratio	Lower	Upper
252	100		
253	43.2	0.0	64.2
125	22.1	0.0	28.8

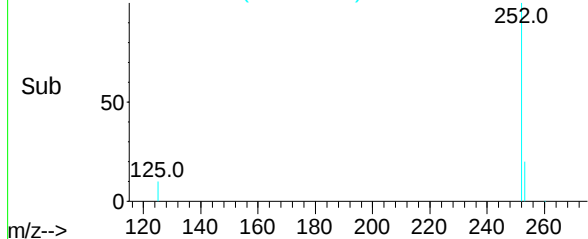
Manual Integrations

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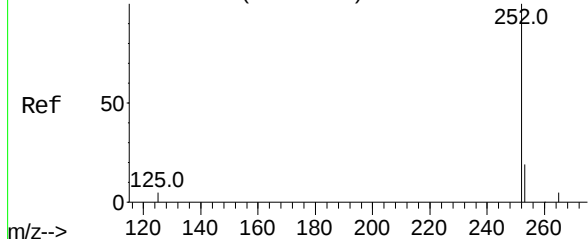
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021



Abundance Scan 5708 (23.165 min): BM033577.D\data.ms (-5622) (-)

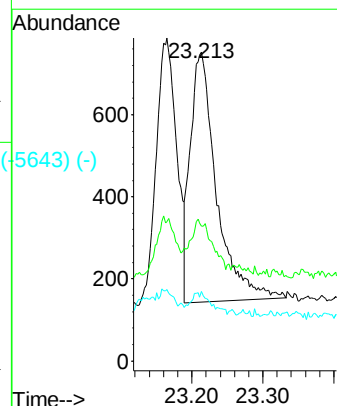
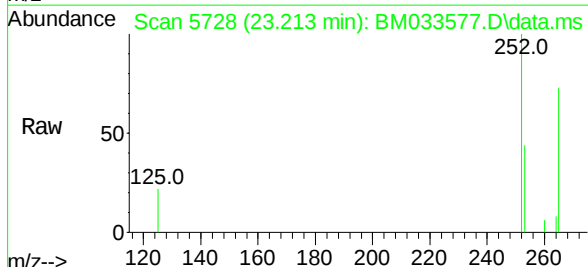


Abundance Scan 5725 (23.207 min): BM033569.D\data.ms (-5725) (-)

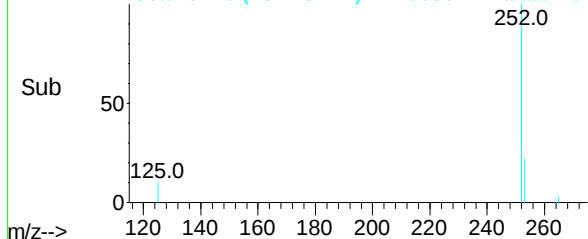


Benzo(k)fluoranthene
Concen: 0.341 ng/u1
RT: 23.213 min Scan# 5728
Delta R.T. 0.007 min
Lab File: BM033577.D
Acq: 22 Dec 2021 15:39

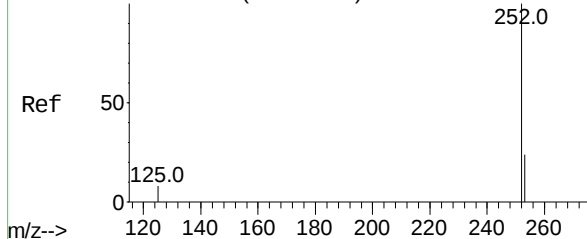
Tgt Ion	Ratio	Lower	Upper
252	100		
253	43.7	26.8	40.2#
125	22.4	12.0	18.0#



Abundance Scan 5728 (23.213 min): BM033577.D\data.ms (-5643) (-)



Abundance Scan 5964 (23.786 min): BM033569.D\data.ms (-5926) (-)



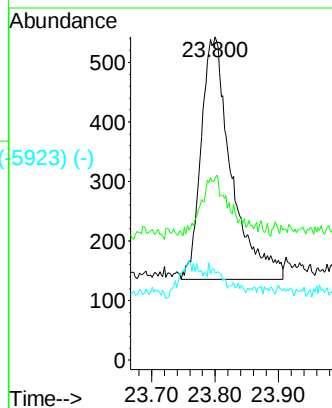
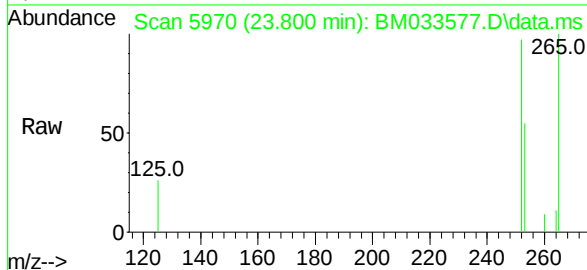
Benzo(a)pyrene
Concen: 0.334 ng/u1
RT: 23.800 min Scan# 5926
Delta R.T. 0.014 min
Lab File: BM033577.D
Acq: 22 Dec 2021 15:39

Instrument :
BNA_M
ClientSampleId :
SLCS294

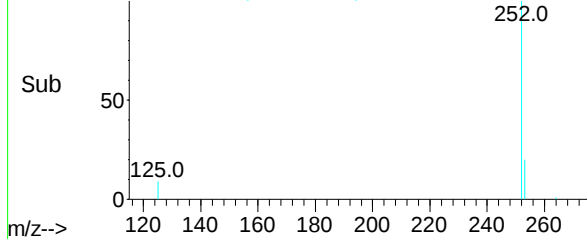
Tgt Ion:	252	Resp:	134
Ion	Ratio	Lower	Upper
252	100		
253	56.2	32.0	48.0
125	26.9	14.5	21.7

Manual Integrations
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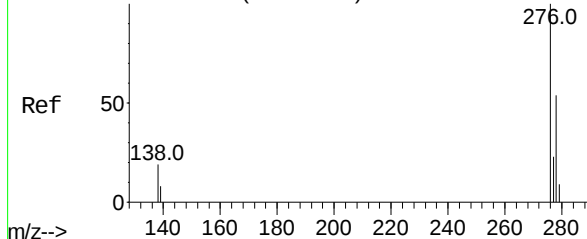
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021



Abundance Scan 5970 (23.800 min): BM033577.D\data.ms (-5923) (-)

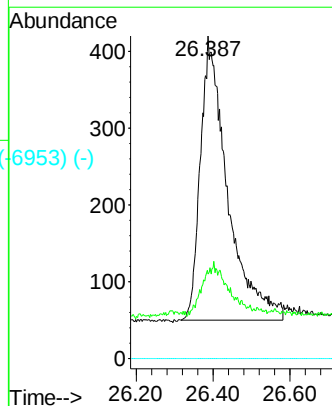
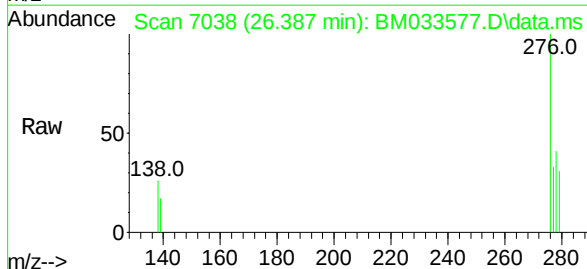


Abundance Scan 7035 (26.381 min): BM033569.D\data.ms (-7007) (-)

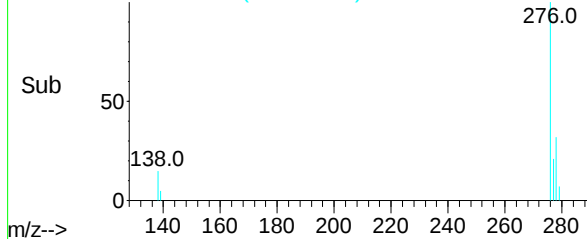


Indeno(1,2,3-cd)pyrene
Concen: 0.326 ng/u1
RT: 26.387 min Scan# 7038
Delta R.T. 0.007 min
Lab File: BM033577.D
Acq: 22 Dec 2021 15:39

Tgt Ion:	276	Resp:	1821
Ion	Ratio	Lower	Upper
276	100		
138	18.5	15.8	23.6
227	0.0	0.0	0.0



Abundance Scan 7038 (26.387 min): BM033577.D\data.ms (-6953) (-)



Abundance Scan 7043 (26.400 min): BM033569.D\data.ms (-7043) (-)

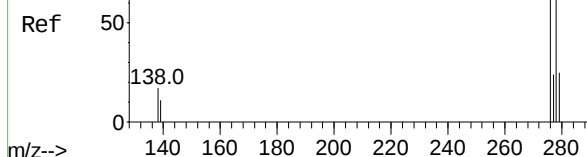
Dibenzo(a,h)anthracene
Concen: 0.312 ng/ul
RT: 26.421 min Scan# 7052
Delta R.T. 0.021 min
Lab File: BM033577.D
Acq: 22 Dec 2021 15:39

Instrument :

BNA_M

ClientSampleId :

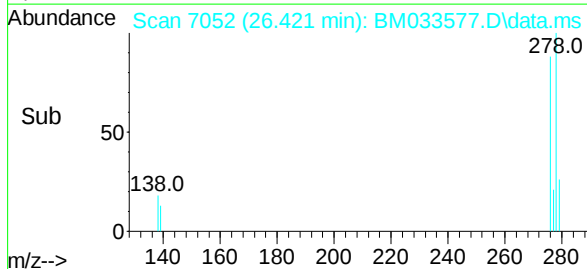
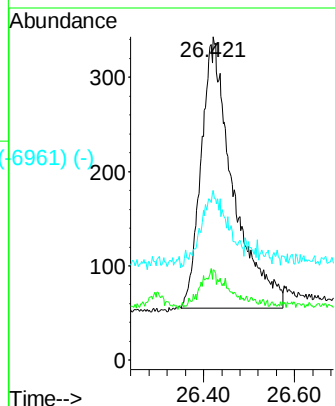
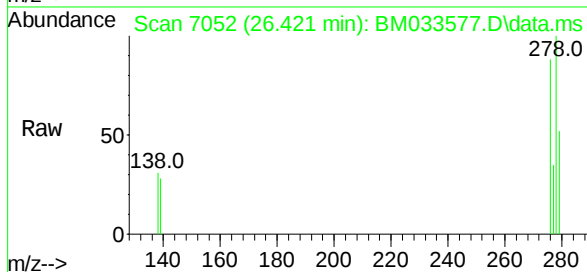
SLCS294



Tgt Ion	Ratio	Lower	Upper
278	100		
139	28.0	18.0	27.0
279	52.5	28.6	42.8

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Supervised By :mohammad ahmed 12/29/2021



Abundance Scan 7348 (27.139 min): BM033569.D\data.ms (-7348) (-)

Benzo(g,h,i)perylene
Concen: 0.334 ng/ul
RT: 27.155 min Scan# 7355
Delta R.T. 0.016 min
Lab File: BM033577.D
Acq: 22 Dec 2021 15:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.5	17.4	26.0#
277	33.9	22.6	33.8#

