

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
 Data File : BM041529.D
 Acq On : 28 Aug 2023 19:40
 Operator : MA/JU
 Sample : 04037-03DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYJ8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023

Quant Time: Aug 29 02:49:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 15:20:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	10230	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	27016	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.749	164	13233	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.502	188	22957	0.400	ng/ul	0.00
17) Chrysene-d12	21.691	240	7682	0.400	ng/ul	0.00
23) Perylene-d12	24.257	264	9100	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	20664	1.625	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	2725	0.076	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	3087	0.098	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.993	128	5822	0.067	ng/ul#	95
7) 2-Methylnaphthalene	12.594	142	51344	0.980	ng/ul	99
8) 1-Methylnaphthalene	12.808	142	27785	0.525	ng/ul	100
15) Phenanthrene	17.544	178	42957	0.456	ng/ul	100
19) Fluoranthene	19.557	202	14291	0.201	ng/ul	99
20) Pyrene	19.919	202	8112m	0.113	ng/ul	
21) Benzo(a)anthracene	21.676	228	2254	0.041	ng/ul#	92
22) Chrysene	21.729	228	3935	0.073	ng/ul#	94
24) Benzo(b)fluoranthene	23.465	252	6612	0.114	ng/ul#	64
25) Benzo(k)fluoranthene	23.515	252	2505m	0.044	ng/ul	
26) Benzo(a)pyrene	24.140	252	4347	0.083	ng/ul#	55
27) Indeno(1,2,3-cd)pyrene	26.964	276	4880	0.069	ng/ul#	41
28) Dibenzo(a,h)anthracene	26.991	278	1093	0.022	ng/ul#	2
29) Benzo(g,h,i)perylene	27.806	276	5241	0.089	ng/ul#	87

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

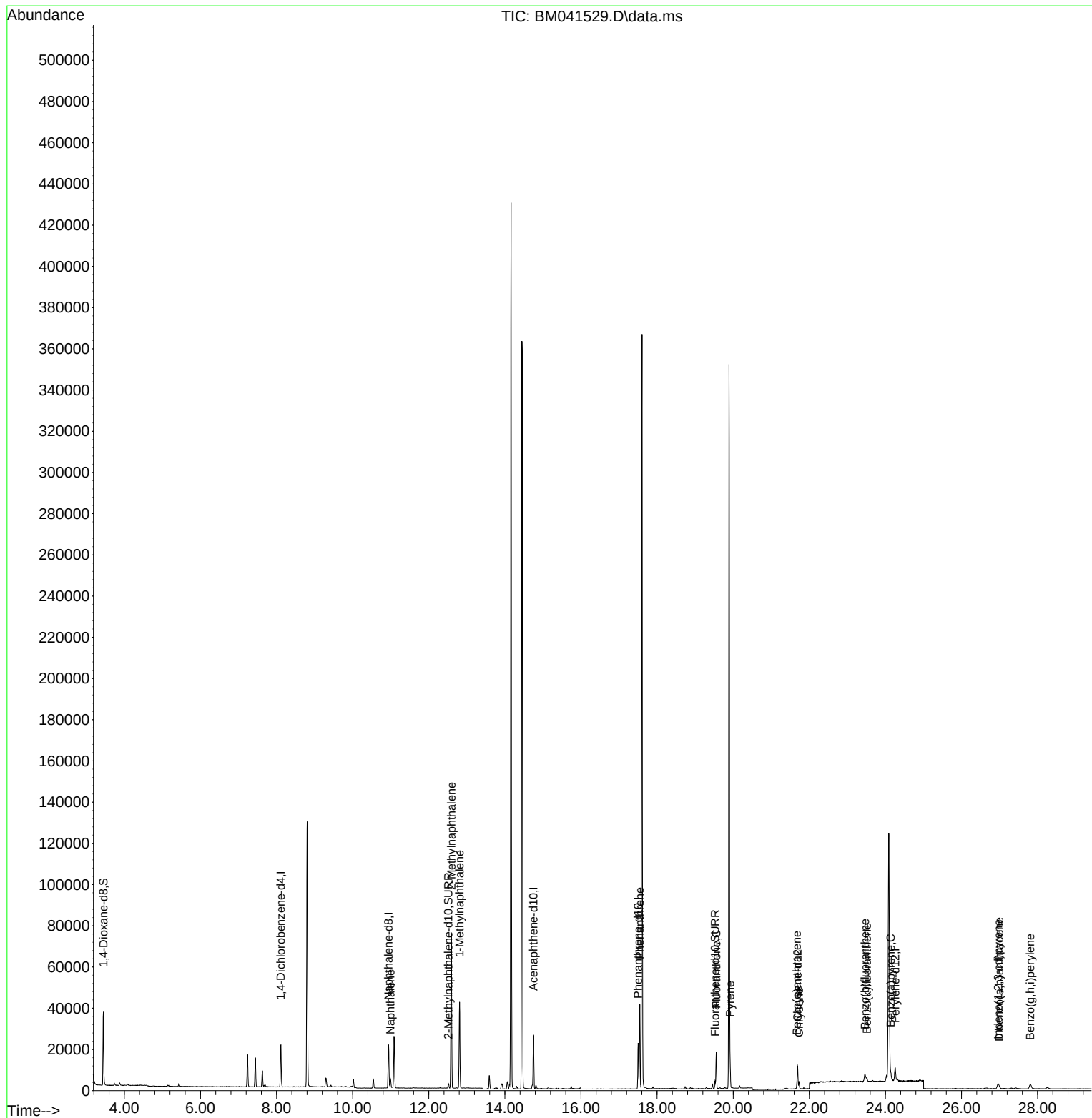
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
Data File : BM041529.D
Acq On : 28 Aug 2023 19:40
Operator : MA/JU
Sample : 04037-03DL 5X
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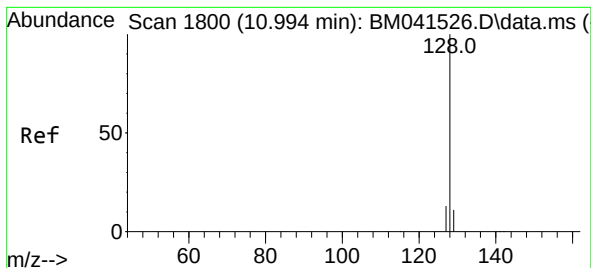
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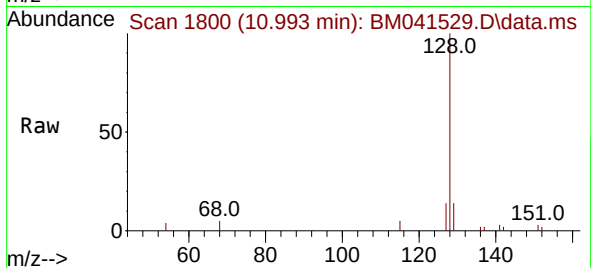
Quant Time: Aug 29 02:49:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 15:20:06 2023
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#5
Naphthalene
Concen: 0.067 ng/ul
RT: 10.993 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BM041529.D
Acq: 28 Aug 2023 19:40

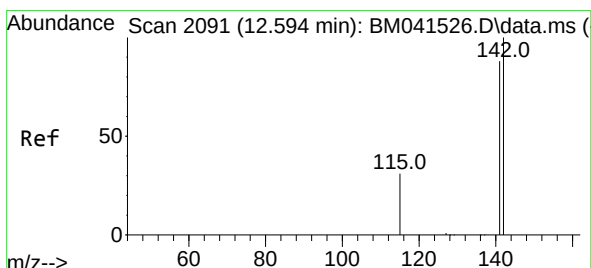
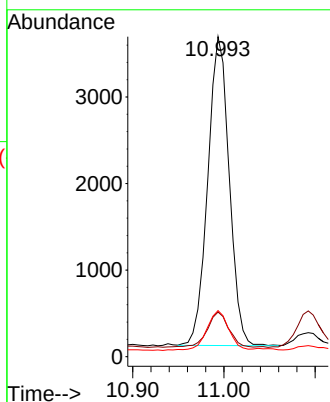
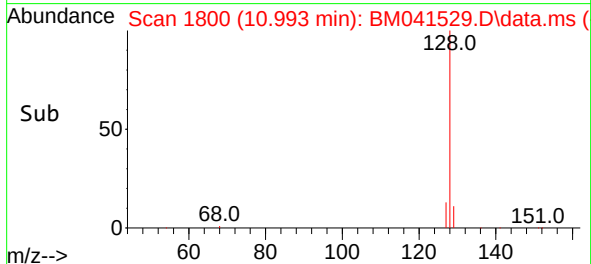
Instrument :
BNA_M
ClientSampleId :
EZYJ8DL



Tgt Ion:128 Resp: 5822
Ion Ratio Lower Upper
128 100
129 13.9 8.9 13.3
127 14.4 10.6 15.8

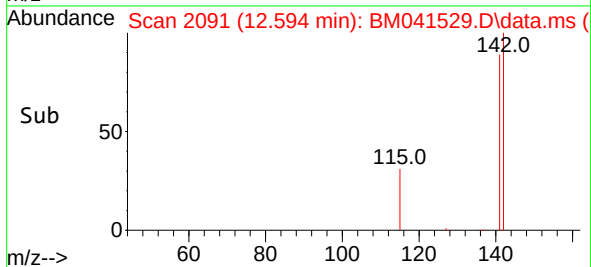
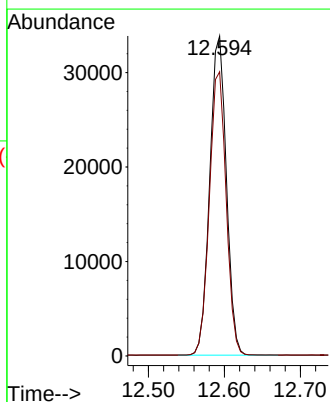
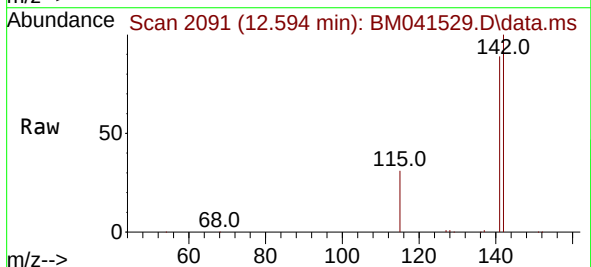
Manual Integrations
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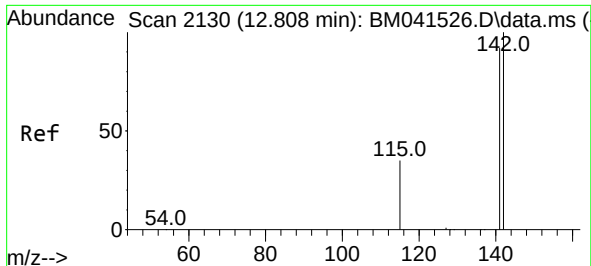
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#7
2-Methylnaphthalene
Concen: 0.980 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BM041529.D
Acq: 28 Aug 2023 19:40

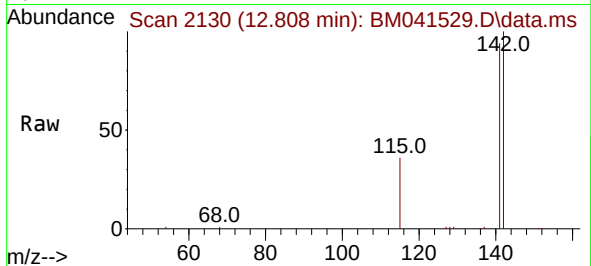
Tgt Ion:142 Resp: 51344
Ion Ratio Lower Upper
142 100
141 89.4 71.0 106.6





#8
1-Methylnaphthalene
Concen: 0.525 ng/ul
RT: 12.808 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BM041529.D
Acq: 28 Aug 2023 19:40

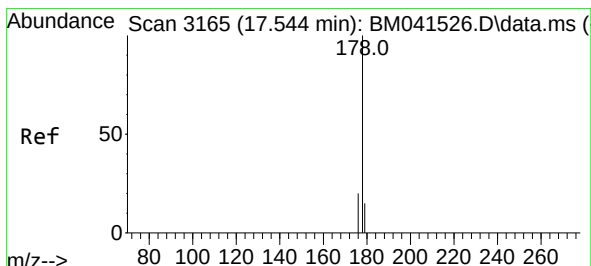
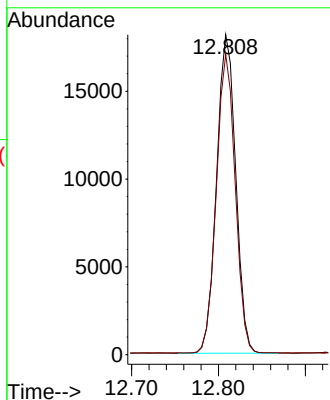
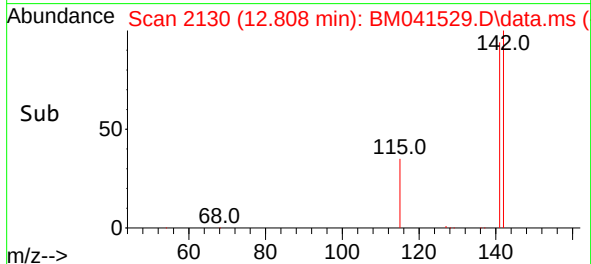
Instrument :
BNA_M
ClientSampleId :
EZYJ8DL



Tgt Ion:142 Resp: 2778
Ion Ratio Lower Upper
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141 92.6 73.9 110.9

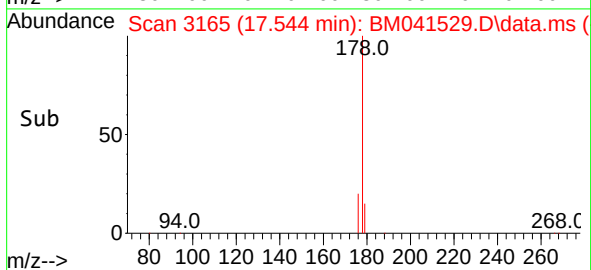
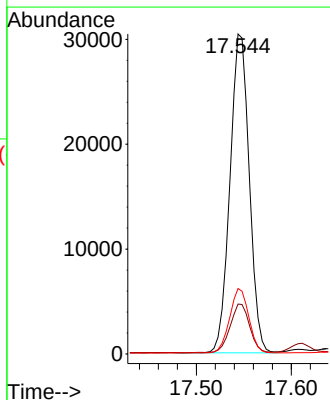
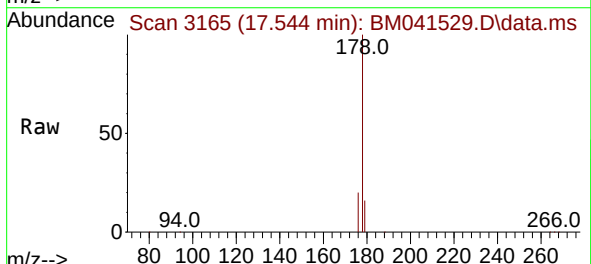
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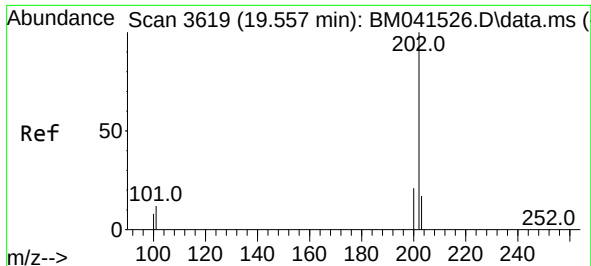
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#15
Phenanthrene
Concen: 0.456 ng/ul
RT: 17.544 min Scan# 3165
Delta R.T. -0.000 min
Lab File: BM041529.D
Acq: 28 Aug 2023 19:40

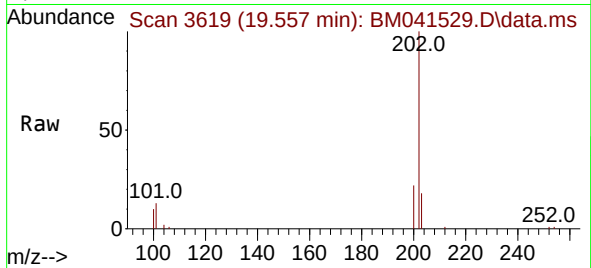
Tgt Ion:178 Resp: 42957
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 20.4 16.3 24.5





#19
Fluoranthene
Concen: 0.201 ng/ul
RT: 19.557 min Scan# 3619
Delta R.T. -0.000 min
Lab File: BM041529.D
Acq: 28 Aug 2023 19:40

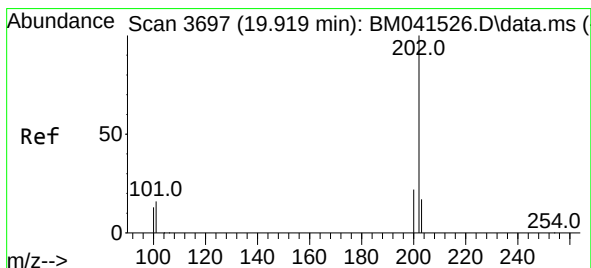
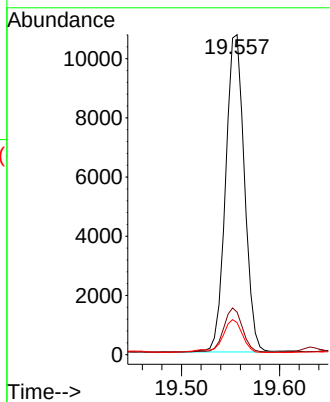
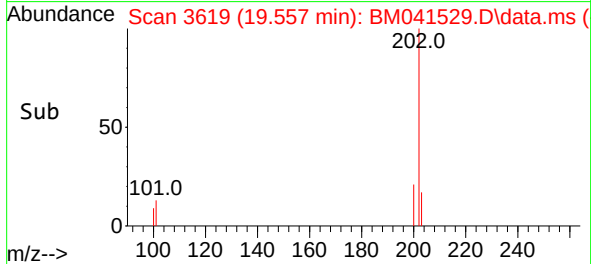
Instrument :
BNA_M
ClientSampleId :
EZYJ8DL



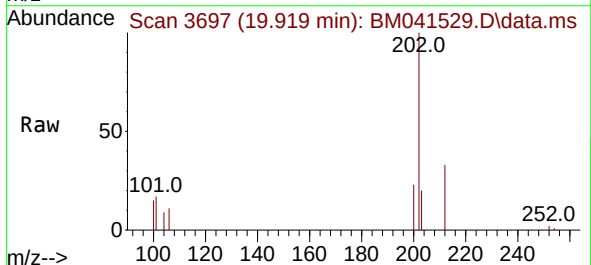
Tgt Ion:202 Resp: 1429
Ion Ratio Lower Upper
202 100
101 13.3 10.5 15.7
100 10.0 7.8 11.6

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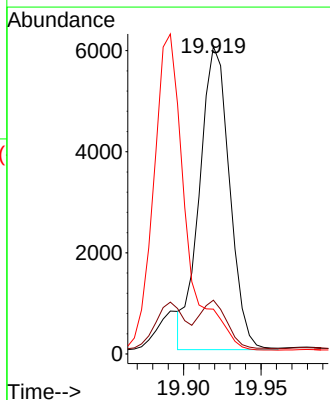
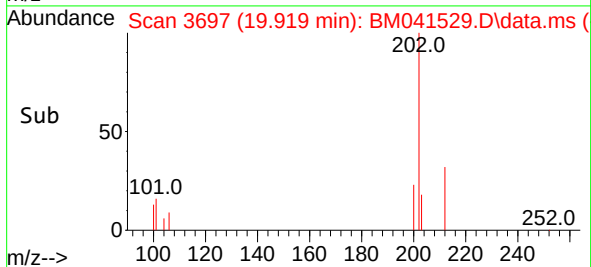
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

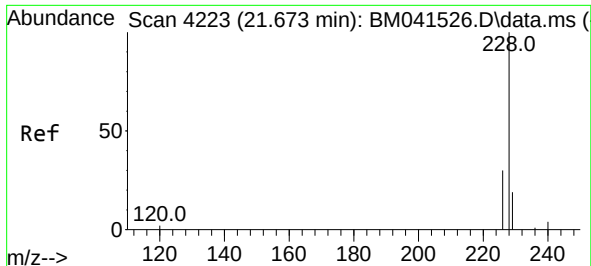


#20
Pyrene
Concen: 0.113 ng/ul m
RT: 19.919 min Scan# 3697
Delta R.T. -0.005 min
Lab File: BM041529.D
Acq: 28 Aug 2023 19:40



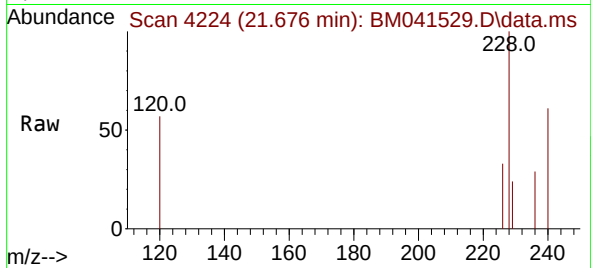
Tgt Ion:202 Resp: 8112
Ion Ratio Lower Upper
202 100
101 17.5 11.6 17.4#
100 14.5 9.1 13.7#





#21
Benzo(a)anthracene
Concen: 0.041 ng/u1
RT: 21.676 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM041529.D
Acq: 28 Aug 2023 19:40

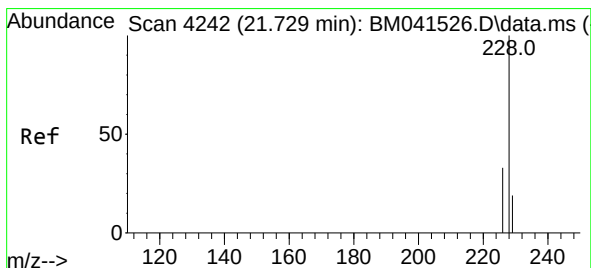
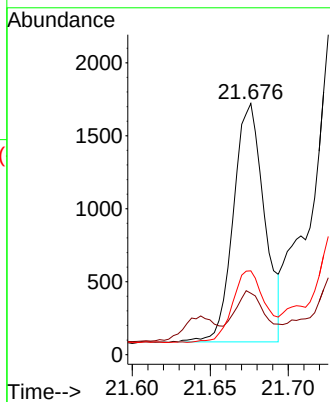
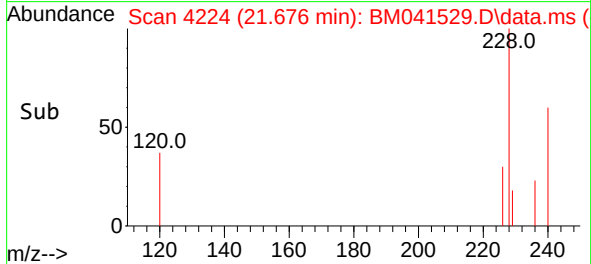
Instrument :
BNA_M
ClientSampleId :
EZYJ8DL



Tgt Ion:228 Resp: 2254
Ion Ratio Lower Upper
228 100
229 24.4 15.8 23.6
226 33.3 24.0 36.0

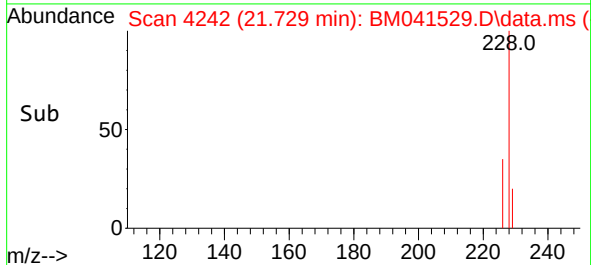
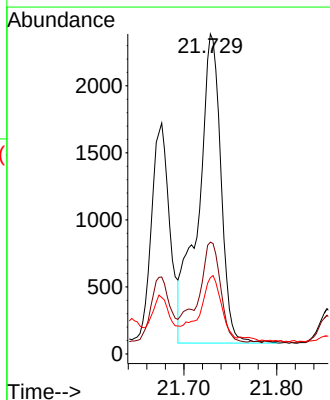
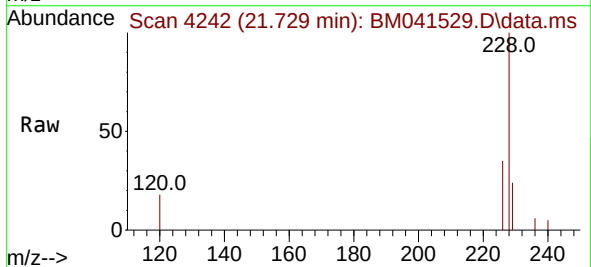
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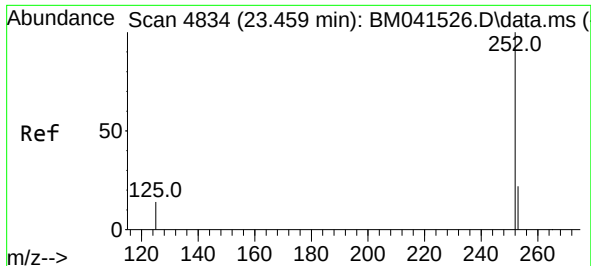
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#22
Chrysene
Concen: 0.073 ng/u1
RT: 21.729 min Scan# 4242
Delta R.T. -0.003 min
Lab File: BM041529.D
Acq: 28 Aug 2023 19:40

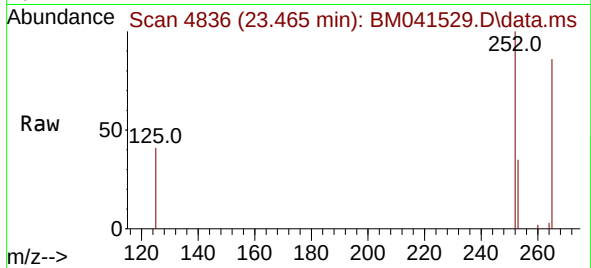
Tgt Ion:228 Resp: 3935
Ion Ratio Lower Upper
228 100
226 34.9 26.3 39.5
229 23.8 15.4 23.2#





#24
Benzo(b)fluoranthene
Concen: 0.114 ng/ul
RT: 23.465 min Scan# 4836
Delta R.T. 0.003 min
Lab File: BM041529.D
Acq: 28 Aug 2023 19:40

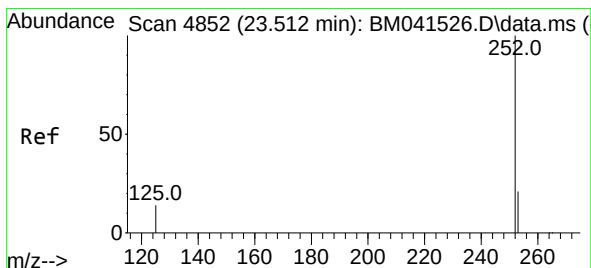
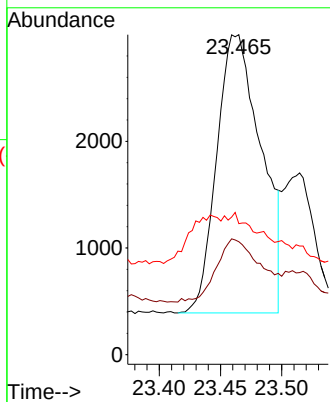
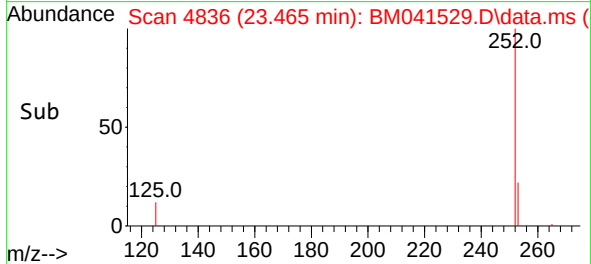
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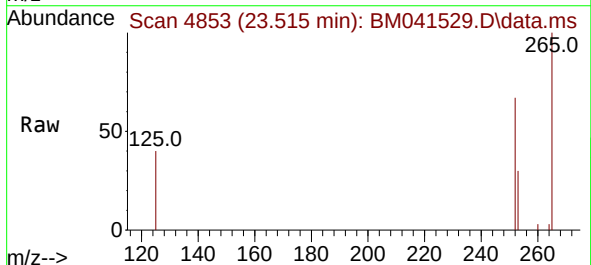
Tgt Ion:252 Resp: 661
Ion Ratio Lower Upper
252 100
253 35.3 0.0 47.0
125 40.9 0.0 37.2

Manual Integrations
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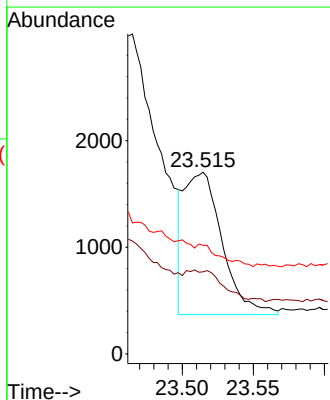
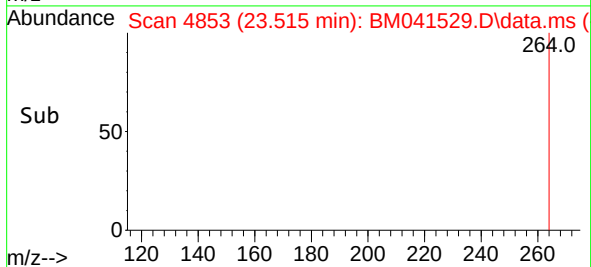
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

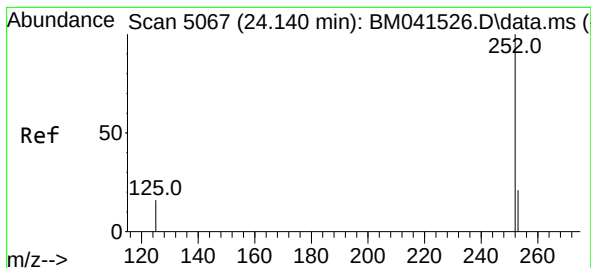


#25
Benzo(k)fluoranthene
Concen: 0.044 ng/ul m
RT: 23.515 min Scan# 4853
Delta R.T. -0.003 min
Lab File: BM041529.D
Acq: 28 Aug 2023 19:40



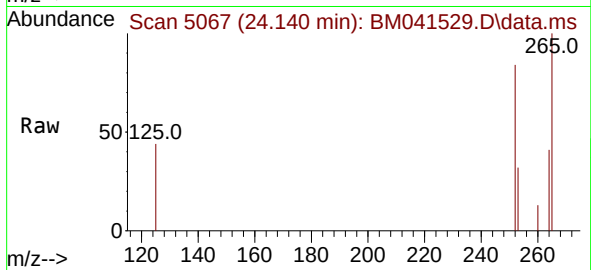
Tgt Ion:252 Resp: 2505
Ion Ratio Lower Upper
252 100
253 45.1 19.3 28.9#
125 59.7 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.083 ng/ul
RT: 24.140 min Scan# 5067
Delta R.T. -0.003 min
Lab File: BM041529.D
Acq: 28 Aug 2023 19:40

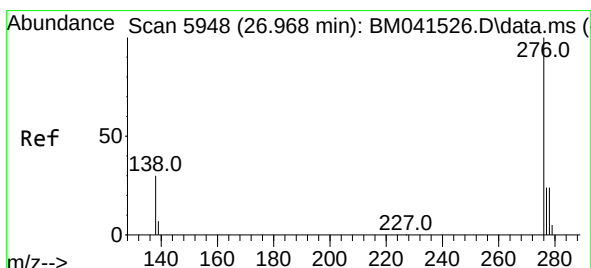
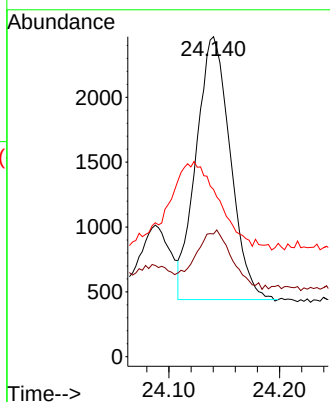
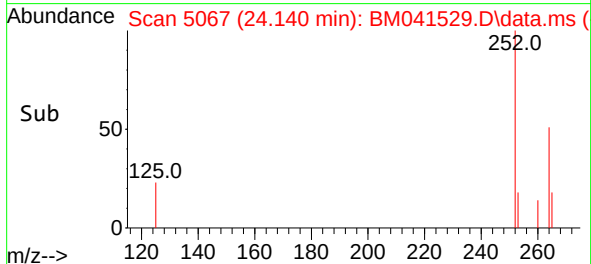
Instrument :
BNA_M
ClientSampleId :
EZYJ8DL



Tgt Ion:252 Resp: 434
Ion Ratio Lower Upper
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253 38.4 20.0 30.0
125 52.3 17.1 25.7

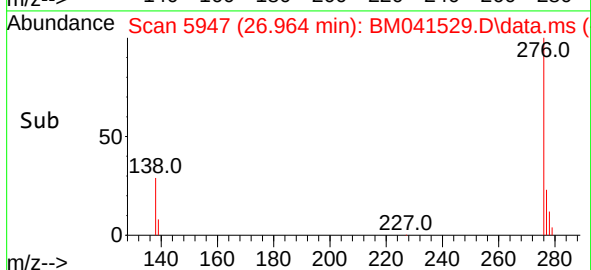
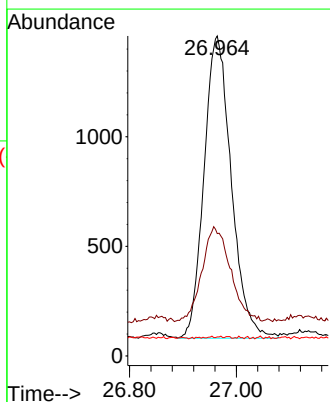
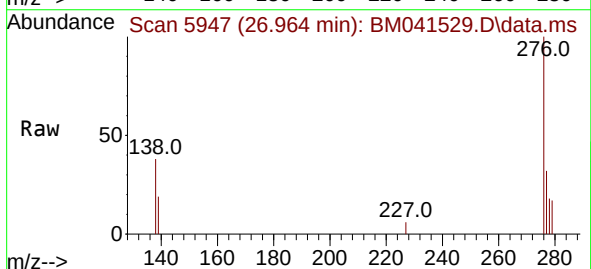
Manual Integrations
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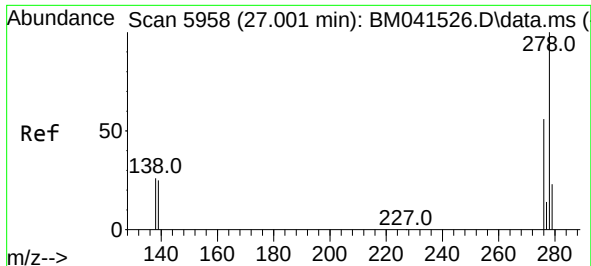
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.069 ng/ul
RT: 26.964 min Scan# 5947
Delta R.T. -0.007 min
Lab File: BM041529.D
Acq: 28 Aug 2023 19:40

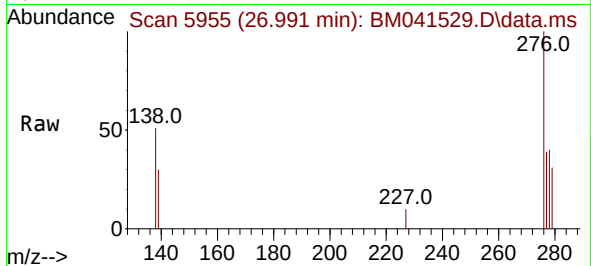
Tgt Ion:276 Resp: 4880
Ion Ratio Lower Upper
276 100
138 0.0 27.3 40.9#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.022 ng/ul
RT: 26.991 min Scan# 5958
Delta R.T. -0.017 min
Lab File: BM041529.D
Acq: 28 Aug 2023 19:40

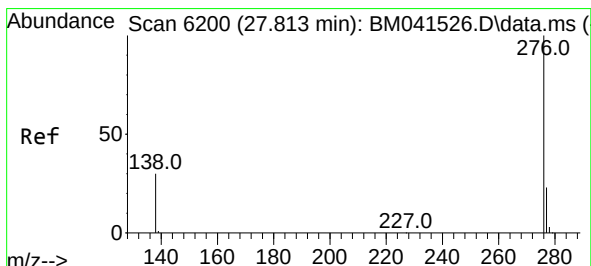
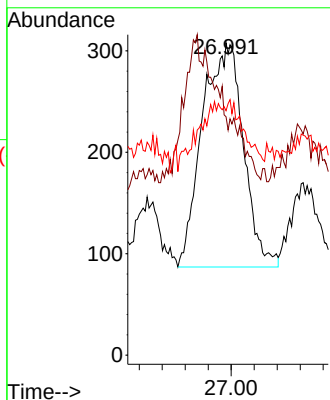
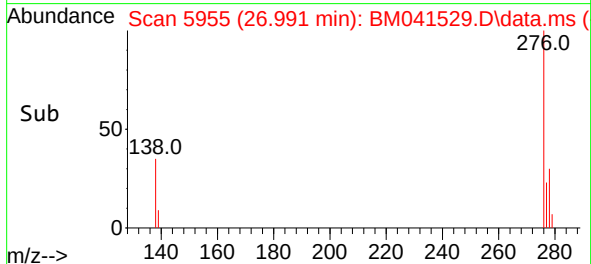
Instrument :
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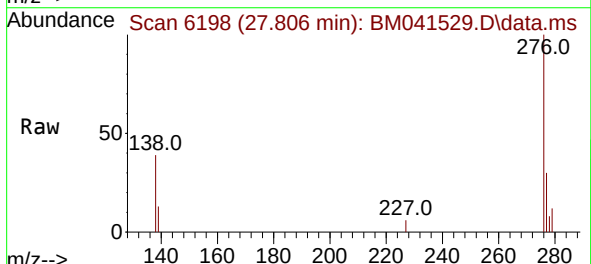
Tgt Ion:278 Resp: 1093
Ion Ratio Lower Upper
278 100
139 76.3 22.2 33.2#
279 78.2 20.4 30.6#

Manual Integrations
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Supervised By :mohammad ahmed 08/29/2023



#29
Benzo(g,h,i)perylene
Concen: 0.089 ng/ul
RT: 27.806 min Scan# 6198
Delta R.T. -0.010 min
Lab File: BM041529.D
Acq: 28 Aug 2023 19:40



Tgt Ion:276 Resp: 5241
Ion Ratio Lower Upper
276 100
138 39.4 25.9 38.9#
277 30.2 19.1 28.7#

