

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
 Data File : BN022269.D
 Acq On : 22 Oct 2022 00:21
 Operator : CG/JU
 Sample : N5064-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BR6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/27/2022
 Supervised By :mohammad ahmed 10/27/2022

Quant Time: Oct 27 01:28:57 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:40:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	3955	0.400	ng/ul	0.00
4) Naphthalene-d8	10.771	136	13649	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.622	164	7676	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.373	188	15406	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	8969	0.400	ng/ul	0.00
23) Perylene-d12	24.035	264	6908	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	15314	2.979	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.371	152	4508	0.218	ng/ul	0.00
18) Fluoranthene-d10	19.411	212	8930	0.297	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.821	128	4947	0.123	ng/ul	96
7) 2-Methylnaphthalene	12.443	142	4055	0.160	ng/ul	99
8) 1-Methylnaphthalene	12.663	142	3220	0.123	ng/ul	100
15) Phenanthrene	17.415	178	7803	0.151	ng/ul	98
16) Anthracene	17.508	178	878	0.020	ng/ul#	78
19) Fluoranthene	19.439	202	9387	0.228	ng/ul	97
20) Pyrene	19.801	202	7722m	0.187	ng/ul	
21) Benzo(a)anthracene	21.556	228	3302	0.098	ng/ul#	91
22) Chrysene	21.612	228	4584	0.129	ng/ul#	92
24) Benzo(b)fluoranthene	23.278	252	5184m	0.149	ng/ul	
25) Benzo(k)fluoranthene	23.324	252	1742m	0.052	ng/ul	
26) Benzo(a)pyrene	23.921	252	2461	0.089	ng/ul#	22
27) Indeno(1,2,3-cd)pyrene	26.615	276	2158	0.063	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.622	278	615	0.022	ng/ul#	1
29) Benzo(g,h,i)perylene	27.417	276	1726	0.062	ng/ul#	73

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

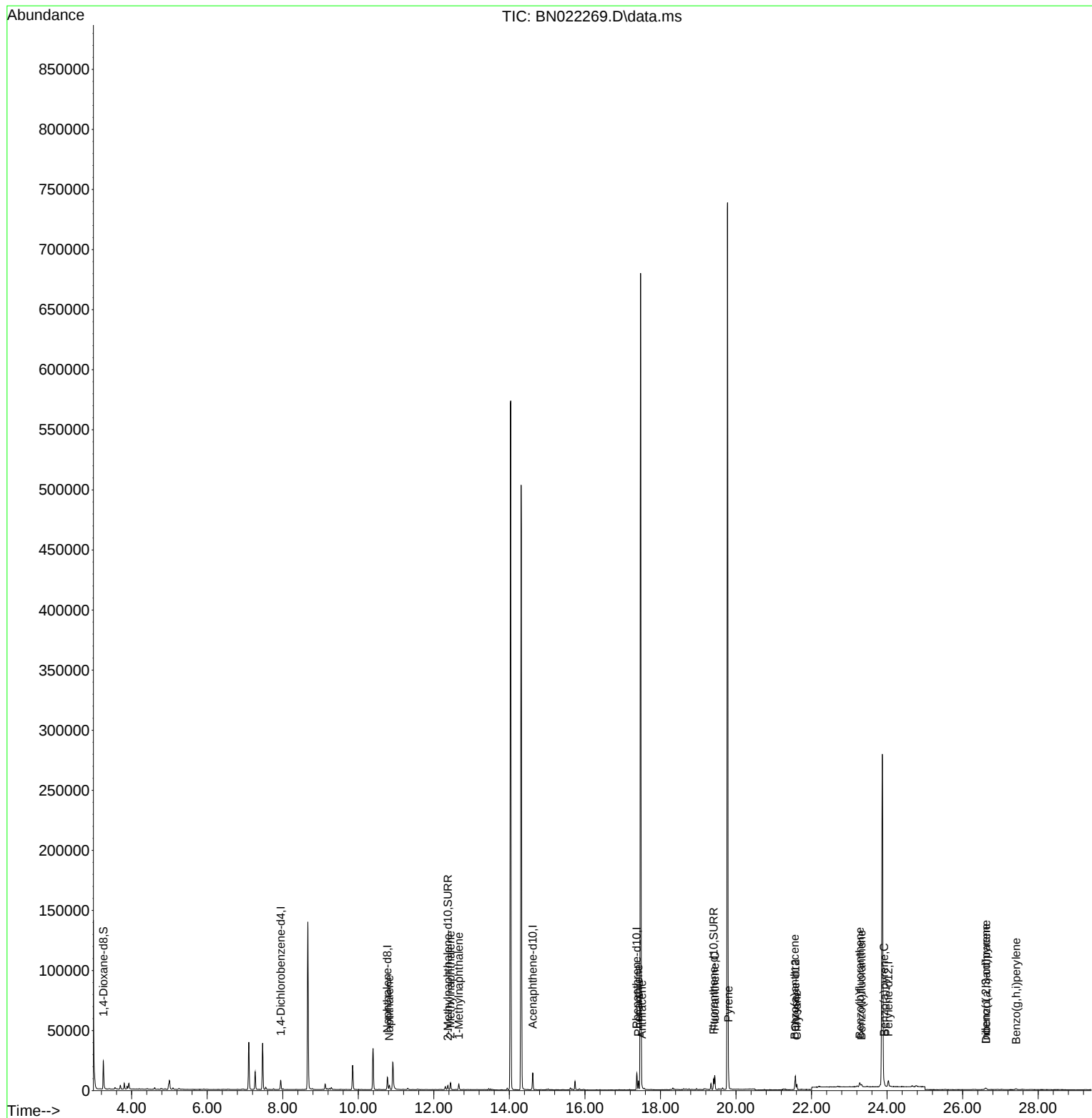
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
Data File : BN022269.D
Acq On : 22 Oct 2022 00:21
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Sample : N5064-11
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ALS Vial : 25 Sample Multiplier: 1

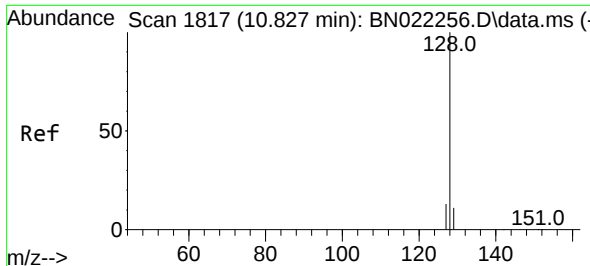
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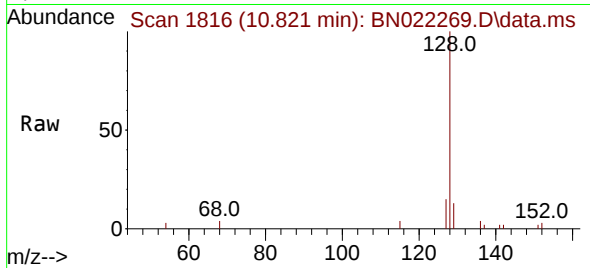
Quant Time: Oct 27 01:28:57 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
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#5
Naphthalene
Concen: 0.123 ng/ul
RT: 10.821 min Scan# 1817
Delta R.T. -0.001 min
Lab File: BN022269.D
Acq: 22 Oct 2022 00:21

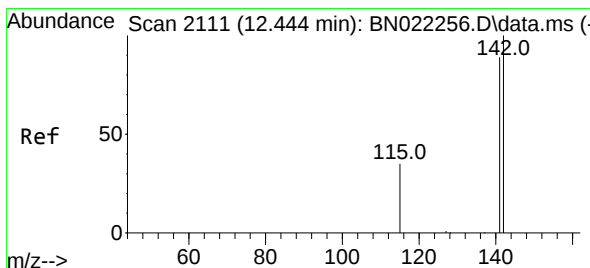
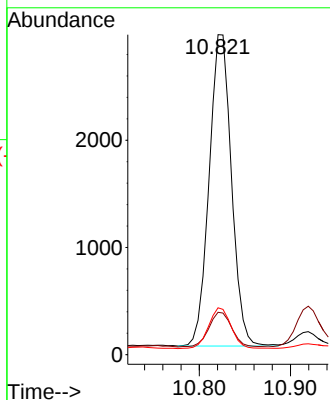
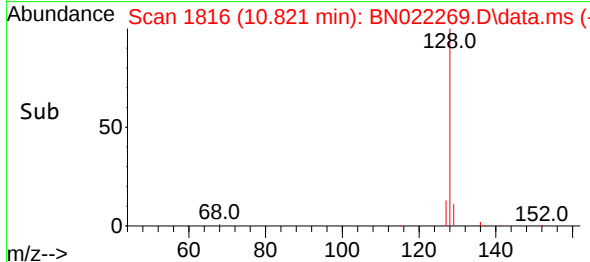
Instrument :
BNA_N
ClientSampleId :
C0BR6



Tgt Ion:128 Resp: 494
Ion Ratio Lower Upper
128 100
129 13.2 9.3 13.9
127 14.6 10.7 16.1

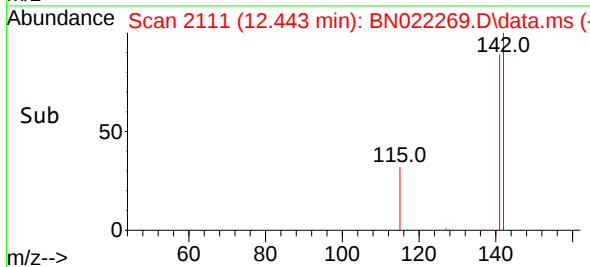
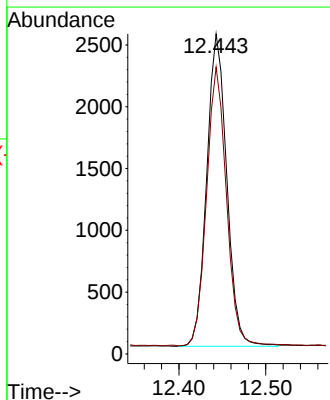
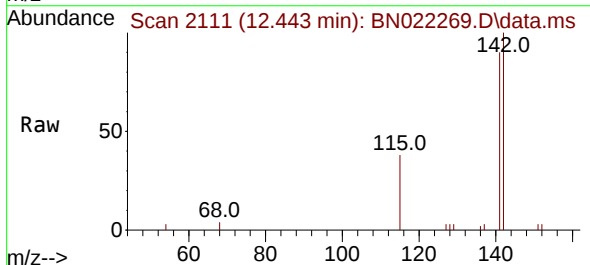
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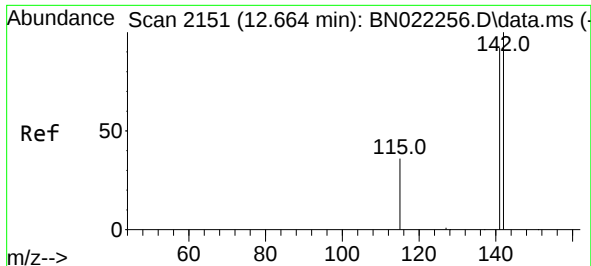
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022



#7
2-Methylnaphthalene
Concen: 0.160 ng/ul
RT: 12.443 min Scan# 2111
Delta R.T. -0.001 min
Lab File: BN022269.D
Acq: 22 Oct 2022 00:21

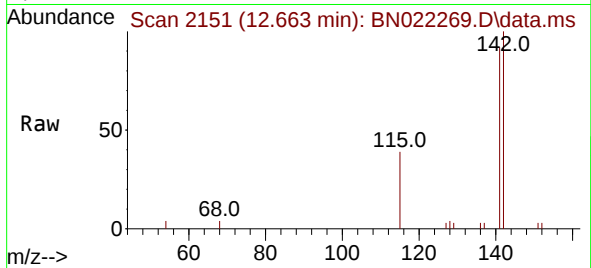
Tgt Ion:142 Resp: 4055
Ion Ratio Lower Upper
142 100
141 88.2 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.123 ng/ul
RT: 12.663 min Scan# 2151
Delta R.T. -0.001 min
Lab File: BN022269.D
Acq: 22 Oct 2022 00:21

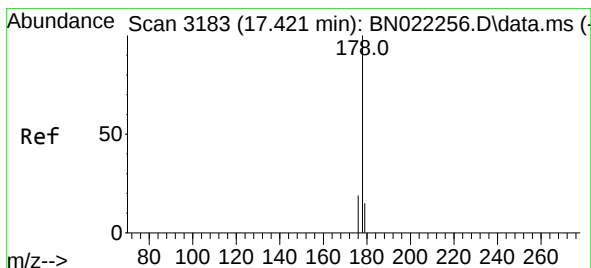
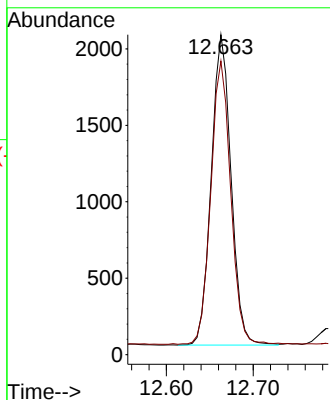
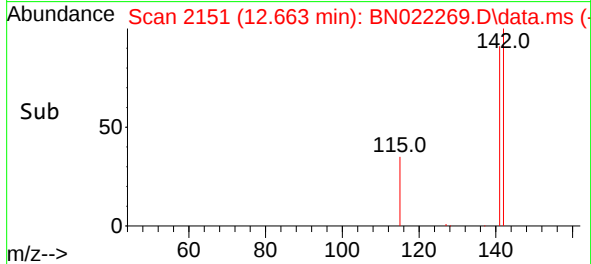
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 3220
Ion Ratio Lower Upper
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141 91.4 73.3 109.9

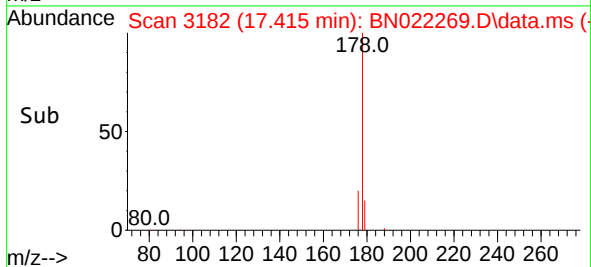
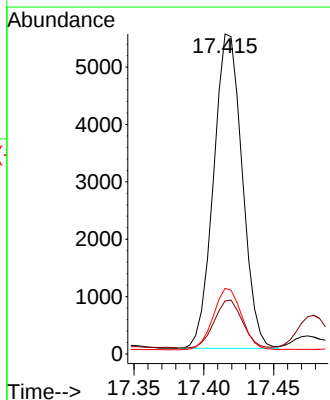
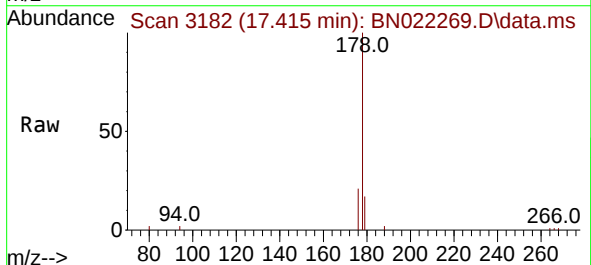
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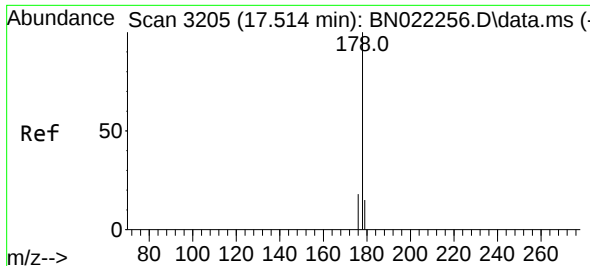
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022



#15
Phenanthrene
Concen: 0.151 ng/ul
RT: 17.415 min Scan# 3182
Delta R.T. -0.001 min
Lab File: BN022269.D
Acq: 22 Oct 2022 00:21

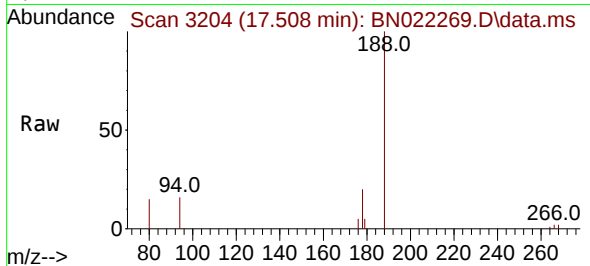
Tgt Ion:178 Resp: 7803
Ion Ratio Lower Upper
178 100
179 16.5 12.7 19.1
176 20.5 15.4 23.2





#16
 Anthracene
 Concen: 0.020 ng/ul
 RT: 17.508 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: BN022269.D
 Acq: 22 Oct 2022 00:21

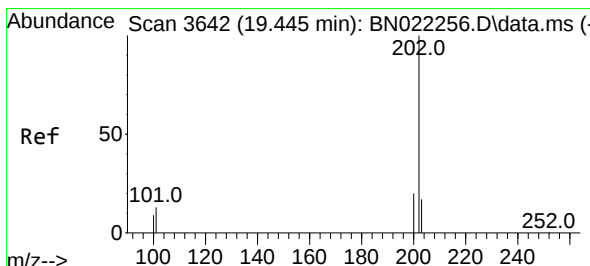
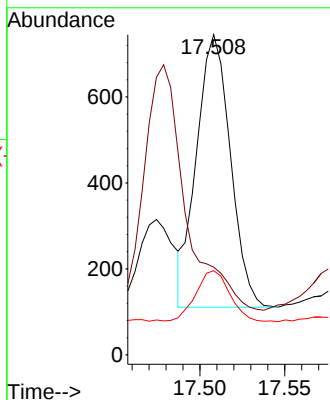
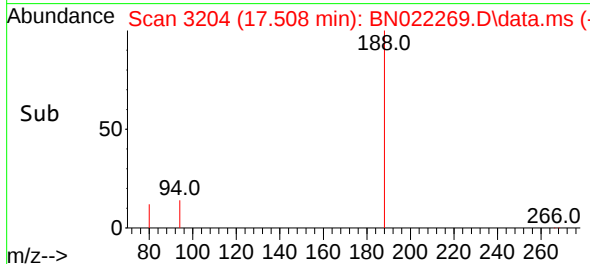
Instrument :
 BNA_N
 ClientSampleId :
 C0BR6



Tgt Ion:178 Resp: 878
 Ion Ratio Lower Upper
 178 100
 179 27.4 12.6 18.8
 176 26.3 15.0 22.6

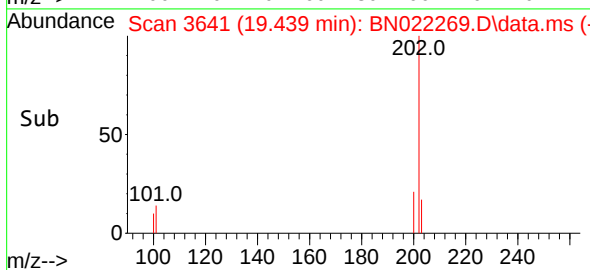
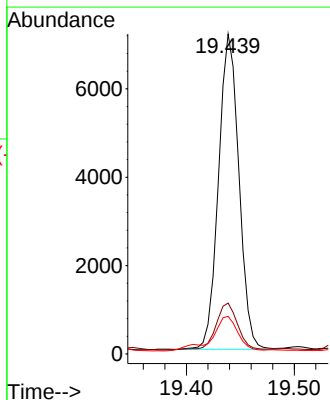
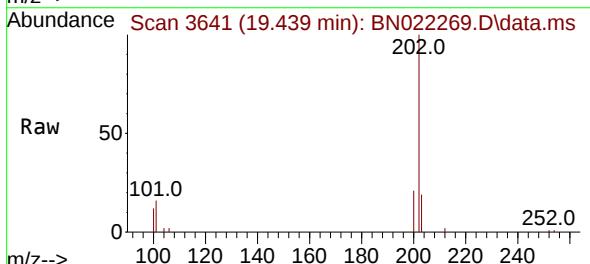
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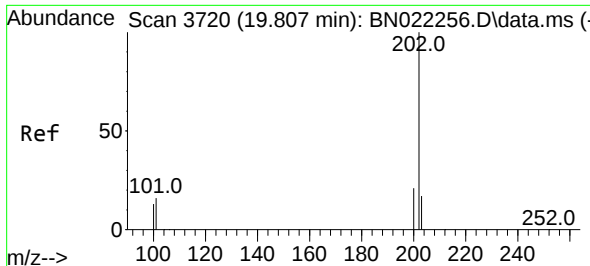
Reviewed By :Jagrut Upadhyay 10/27/2022
 Supervised By :mohammad ahmed 10/27/2022



#19
 Fluoranthene
 Concen: 0.228 ng/ul
 RT: 19.439 min Scan# 3641
 Delta R.T. -0.001 min
 Lab File: BN022269.D
 Acq: 22 Oct 2022 00:21

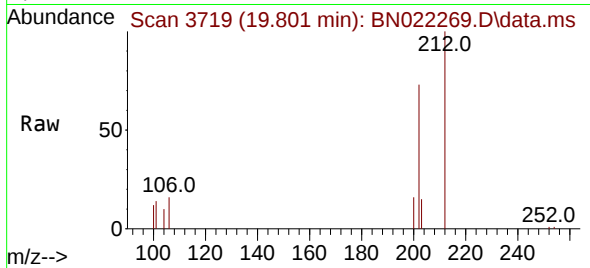
Tgt Ion:202 Resp: 9387
 Ion Ratio Lower Upper
 202 100
 101 15.9 11.8 17.6
 100 11.7 8.7 13.1





#20
Pyrene
Concen: 0.187 ng/ul m
RT: 19.801 min Scan# 31
Delta R.T. -0.001 min
Lab File: BN022269.D
Acq: 22 Oct 2022 00:21

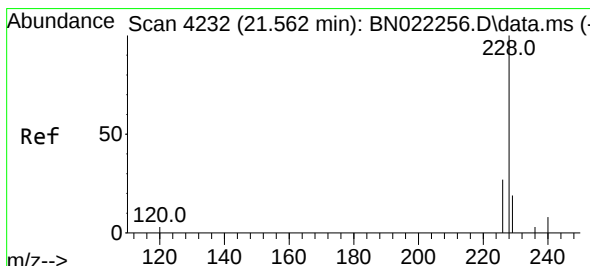
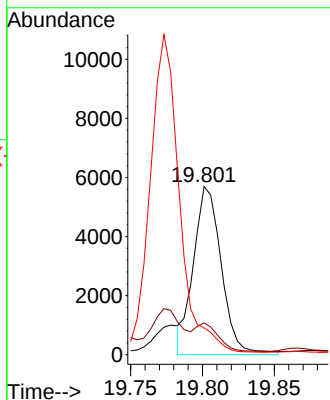
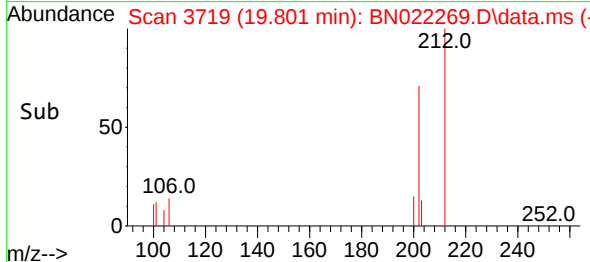
Instrument :
BNA_N
ClientSampleId :
C0BR6



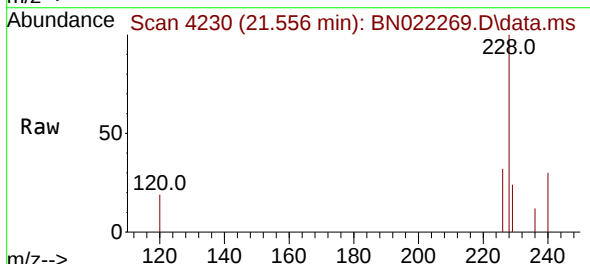
Tgt Ion:202 Resp: 772
Ion Ratio Lower Upper
202 100
101 18.8 13.1 19.7
100 15.9 10.6 16.0

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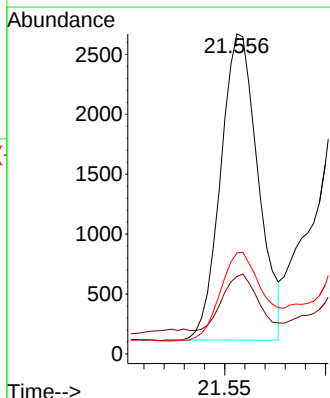
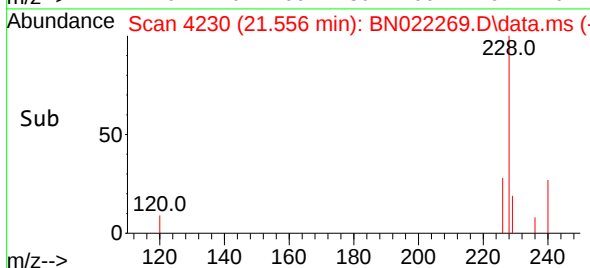
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022

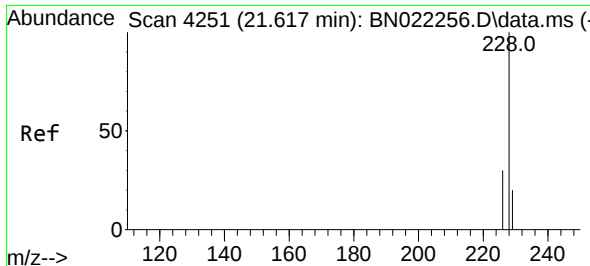


#21
Benzo(a)anthracene
Concen: 0.098 ng/ul
RT: 21.556 min Scan# 4230
Delta R.T. -0.003 min
Lab File: BN022269.D
Acq: 22 Oct 2022 00:21



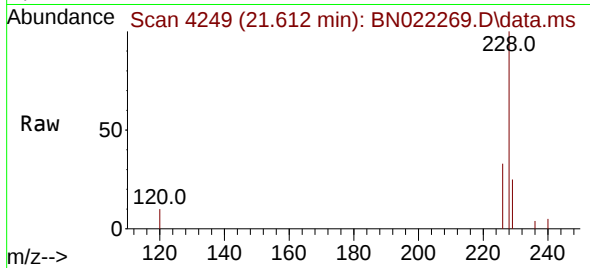
Tgt Ion:228 Resp: 3302
Ion Ratio Lower Upper
228 100
229 24.2 15.7 23.5#
226 31.6 21.5 32.3





#22
Chrysene
Concen: 0.129 ng/ul
RT: 21.612 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN022269.D
Acq: 22 Oct 2022 00:21

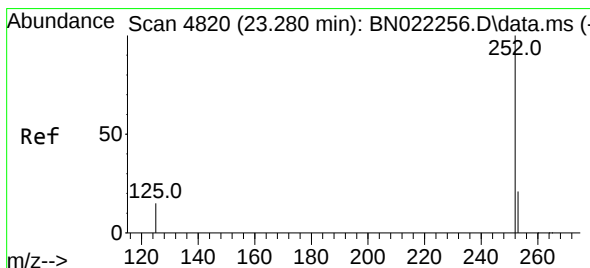
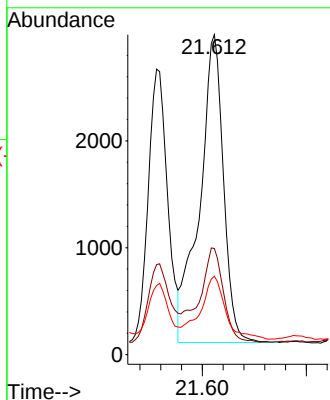
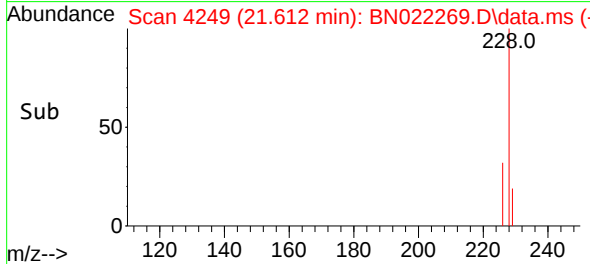
Instrument :
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ClientSampleId :
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Tgt Ion:228 Resp: 4584
Ion Ratio Lower Upper
228 100
226 33.2 23.9 35.9
229 24.6 15.9 23.9

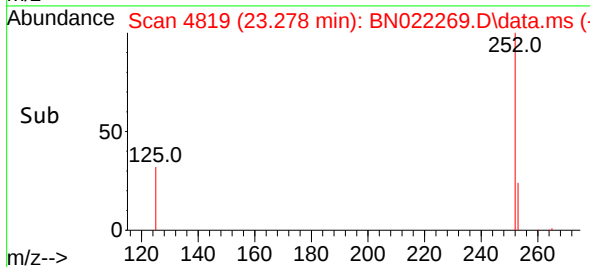
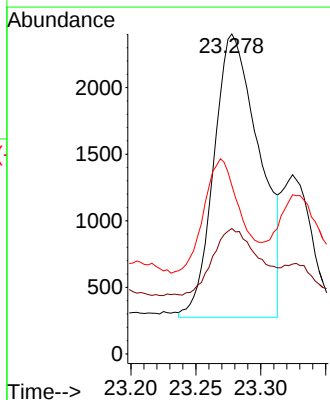
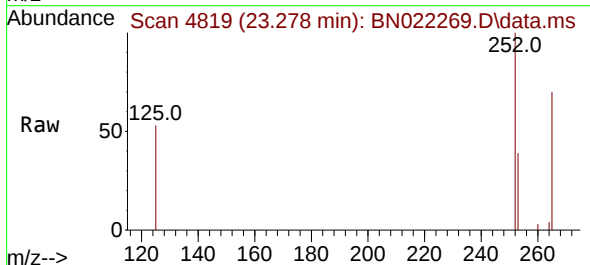
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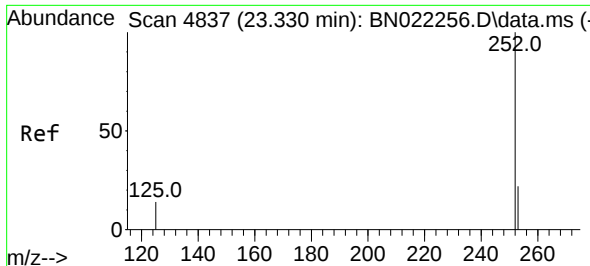
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022



#24
Benzo(b)fluoranthene
Concen: 0.149 ng/ul m
RT: 23.278 min Scan# 4819
Delta R.T. 0.000 min
Lab File: BN022269.D
Acq: 22 Oct 2022 00:21

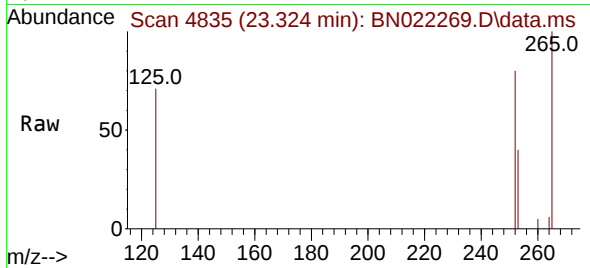
Tgt Ion:252 Resp: 5184
Ion Ratio Lower Upper
252 100
253 39.2 0.0 49.0
125 52.7 0.0 35.2#





#25
Benzo(k)fluoranthene
Concen: 0.052 ng/ul m
RT: 23.324 min Scan# 4837
Delta R.T. -0.003 min
Lab File: BN022269.D
Acq: 22 Oct 2022 00:21

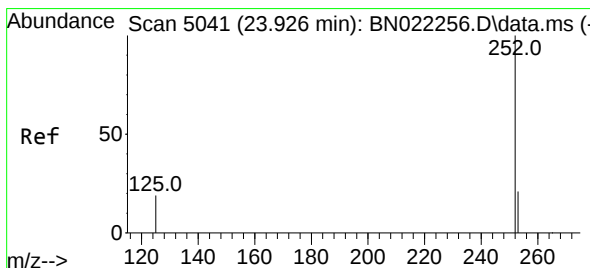
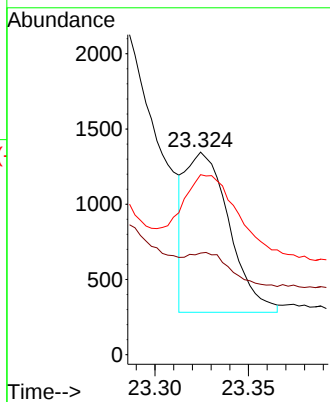
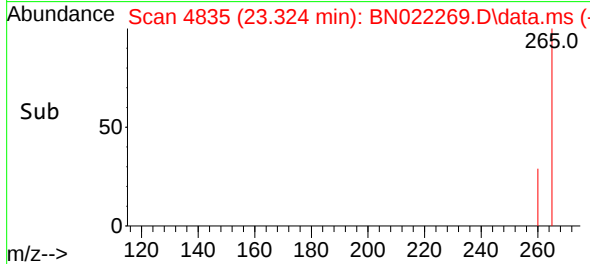
Instrument :
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Tgt Ion:252 Resp: 1742
Ion Ratio Lower Upper
252 100
253 50.1 19.7 29.5#
125 88.9 14.0 21.0#

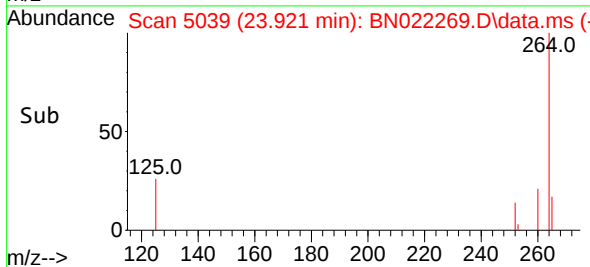
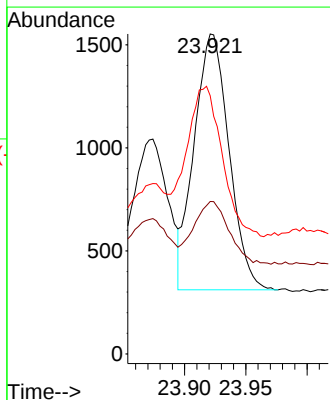
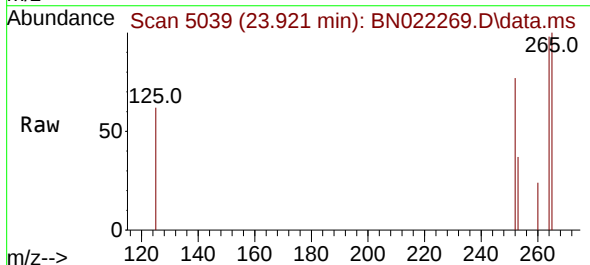
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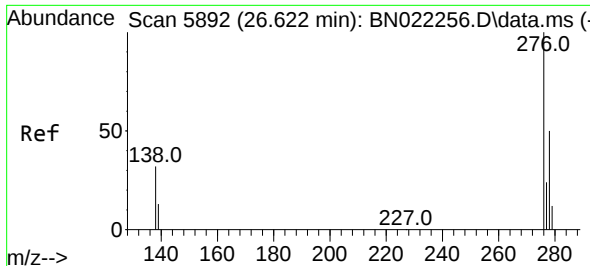
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022



#26
Benzo(a)pyrene
Concen: 0.089 ng/ul
RT: 23.921 min Scan# 5039
Delta R.T. 0.000 min
Lab File: BN022269.D
Acq: 22 Oct 2022 00:21

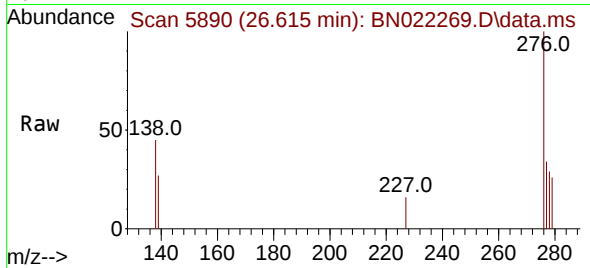
Tgt Ion:252 Resp: 2461
Ion Ratio Lower Upper
252 100
253 47.6 21.0 31.6#
125 80.7 17.9 26.9#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.063 ng/ul
 RT: 26.615 min Scan# 5890
 Delta R.T. 0.000 min
 Lab File: BN022269.D
 Acq: 22 Oct 2022 00:21

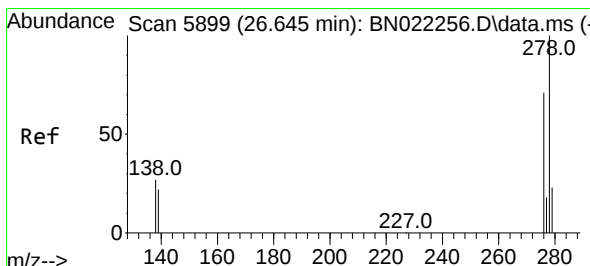
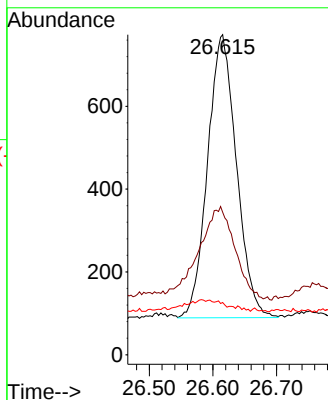
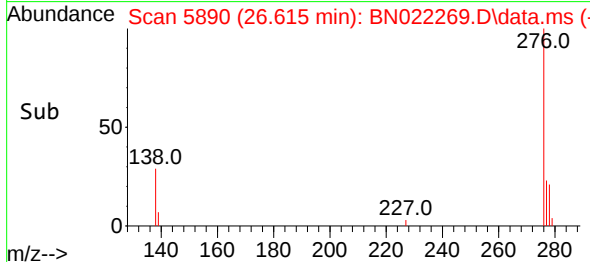
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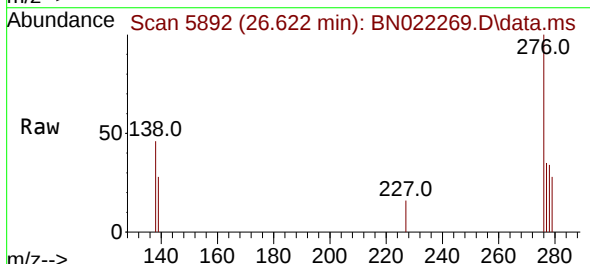
Tgt Ion: 276 Resp: 2158
 Ion Ratio Lower Upper
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 138 42.2 27.7 41.5#
 227 0.0 0.2 0.2#

Manual Integrations
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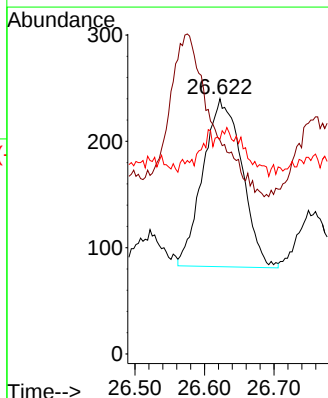
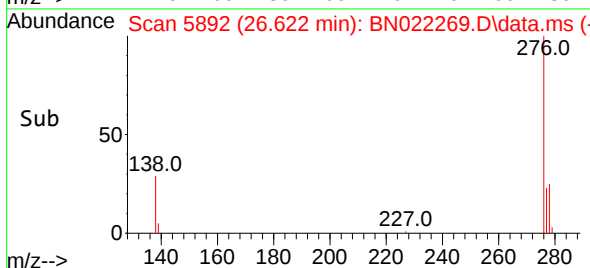
Reviewed By :Jagrut Upadhyay 10/27/2022
 Supervised By :mohammad ahmed 10/27/2022

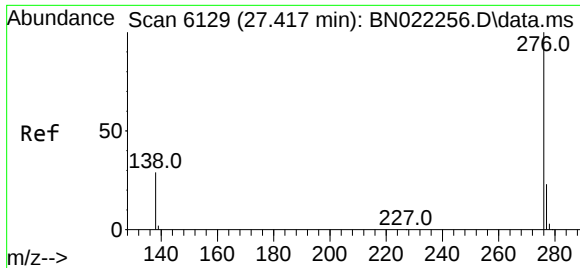


#28
 Dibenzo(a,h)anthracene
 Concen: 0.022 ng/ul
 RT: 26.622 min Scan# 5892
 Delta R.T. -0.016 min
 Lab File: BN022269.D
 Acq: 22 Oct 2022 00:21



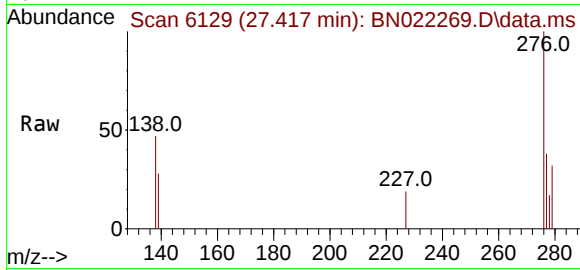
Tgt Ion: 278 Resp: 615
 Ion Ratio Lower Upper
 278 100
 139 83.8 19.6 29.4#
 279 84.2 20.6 30.8#





#29
Benzo(g,h,i)perylene
Concen: 0.062 ng/ul
RT: 27.417 min Scan# 6129
Delta R.T. 0.007 min
Lab File: BN022269.D
Acq: 22 Oct 2022 00:21

Instrument :
BNA_N
ClientSampleId :
C0BR6



Tgt Ion:276 Resp: 1720
Ion Ratio Lower Upper
276 100
138 47.3 25.2 37.8
277 38.0 19.9 29.9

Manual Integrations
APPROVED

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