

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112823\
 Data File : BN028907.D
 Acq On : 28 Nov 2023 17:02
 Operator : MA/JU
 Sample : 05261-14DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKR7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 11/29/2023

Quant Time: Nov 28 17:59:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.744	152	1002m	0.400	ng/ul	0.00
4) Naphthalene-d8	10.424	136	19174m	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.288	164	10452m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.047	188	18057m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.263	240	14253m	0.400	ng/ul	0.00
23) Perylene-d12	23.534	264	13928m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	3555	3.210	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.052	152	713m	0.025	ng/ul	-0.02
18) Fluoranthene-d10	19.089	212	1897m	0.041	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.473	128	65267m	1.215	ng/ul	Qvalue
7) 2-Methylnaphthalene	12.112	142	9962m	0.281	ng/ul	
8) 1-Methylnaphthalene	12.321	142	4288m	0.119	ng/ul	
15) Phenanthrene	17.089	178	6081m	0.110	ng/ul	
19) Fluoranthene	19.117	202	8055m	0.133	ng/ul	
20) Pyrene	19.475	202	9256m	0.147	ng/ul	
21) Benzo(a)anthracene	21.249	228	1946m	0.035	ng/ul	
22) Chrysene	21.275	228	8811m	0.160	ng/ul	
24) Benzo(b)fluoranthene	22.853	252	5328m	0.102	ng/ul	
25) Benzo(k)fluoranthene	22.897	252	2670m	0.049	ng/ul	
26) Benzo(a)pyrene	23.432	252	2627m	0.053	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.870	276	2864m	0.052	ng/ul	
29) Benzo(g,h,i)perylene	26.574	276	2759m	0.061	ng/ul	

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

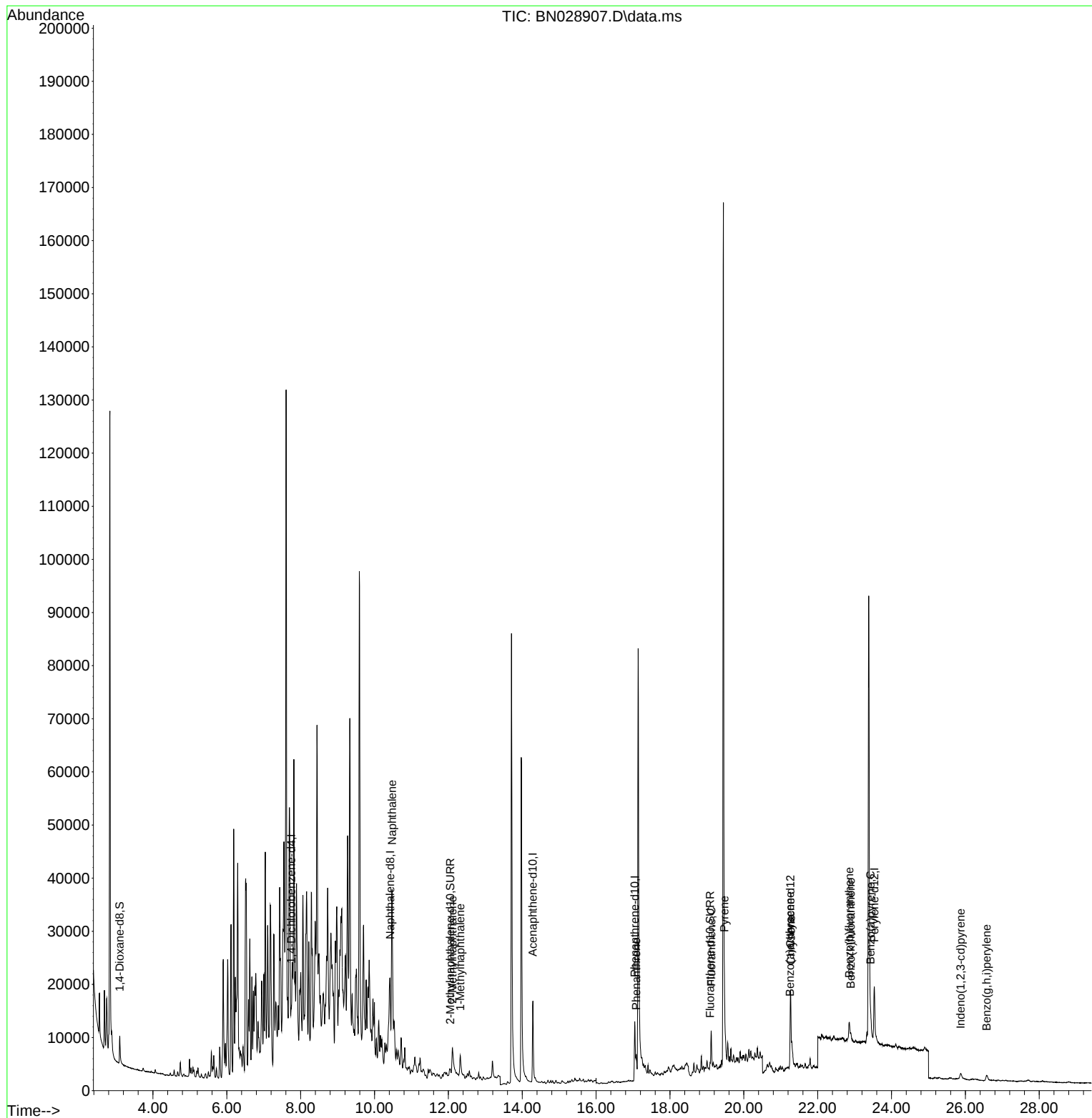
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112823\
Data File : BN028907.D
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ALS Vial : 8 Sample Multiplier: 1

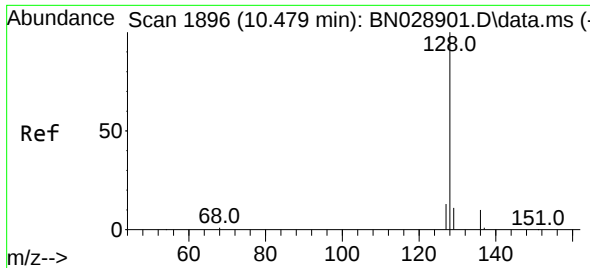
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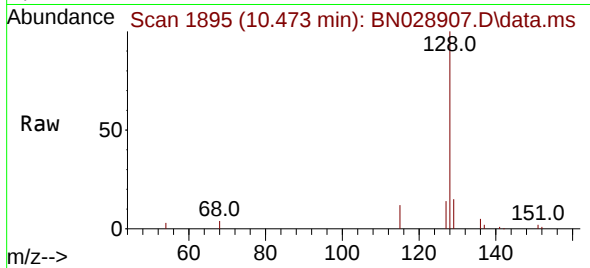
Quant Time: Nov 28 17:59:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
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#5
Naphthalene
Concen: 1.215 ng/ul m
RT: 10.473 min Scan# 1895
Delta R.T. -0.033 min
Lab File: BN028907.D
Acq: 28 Nov 2023 17:02

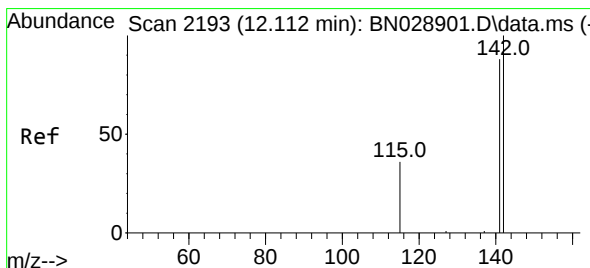
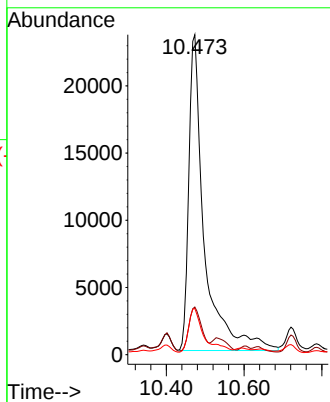
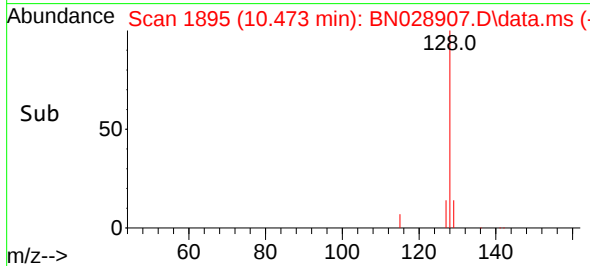
Instrument :
BNA_N
ClientSampleId :
DCKR7DL



Tgt Ion:128 Resp: 6526
Ion Ratio Lower Upper
128 100
129 14.9 9.2 13.8
127 14.5 10.7 16.1

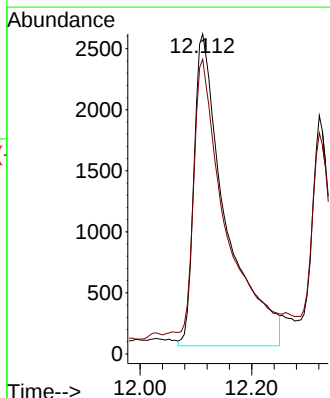
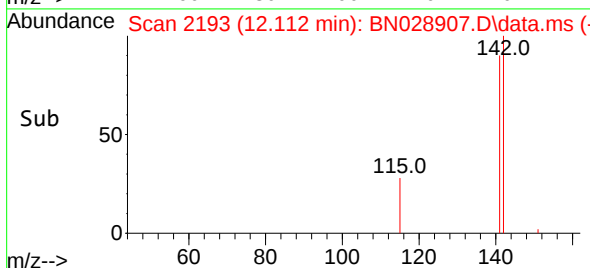
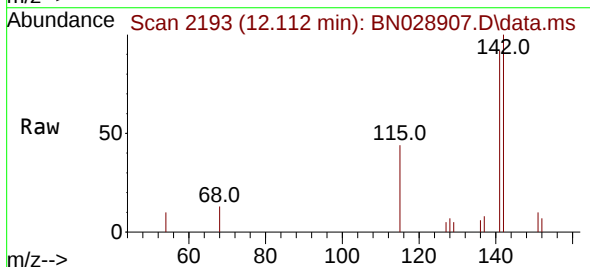
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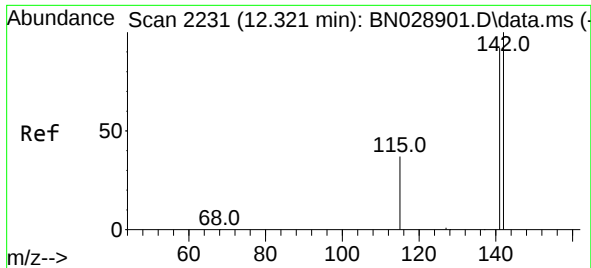
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#7
2-Methylnaphthalene
Concen: 0.281 ng/ul m
RT: 12.112 min Scan# 2193
Delta R.T. -0.028 min
Lab File: BN028907.D
Acq: 28 Nov 2023 17:02

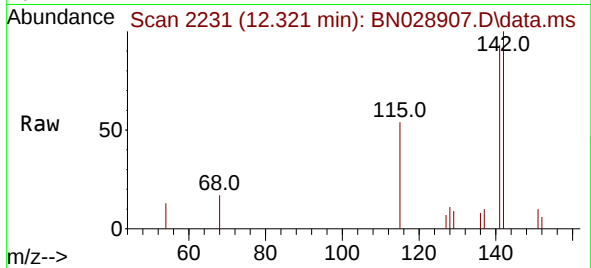
Tgt Ion:142 Resp: 9962
Ion Ratio Lower Upper
142 100
141 1.2 70.8 106.2#





#8
1-Methylnaphthalene
Concen: 0.119 ng/ul m
RT: 12.321 min Scan# 2231
Delta R.T. -0.017 min
Lab File: BN028907.D
Acq: 28 Nov 2023 17:02

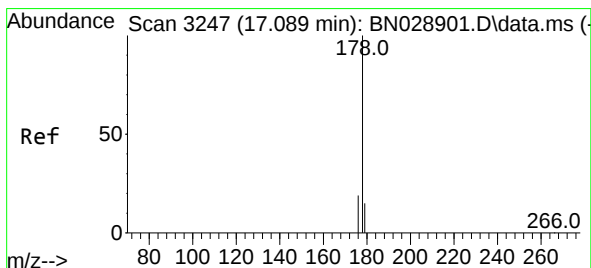
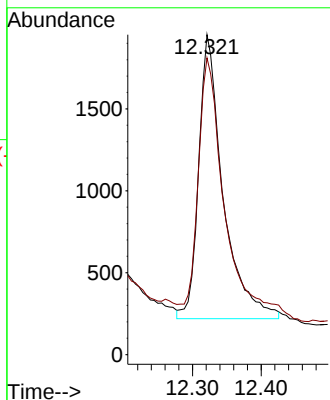
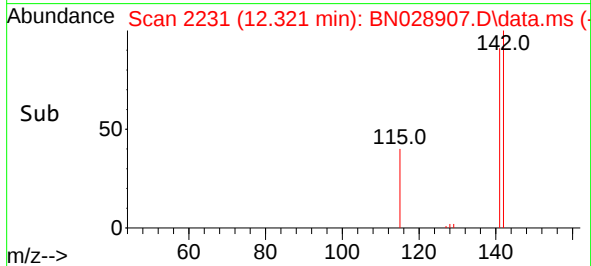
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Tgt Ion:142 Resp: 4288
Ion Ratio Lower Upper
142 100
141 183.1 74.1 111.1#

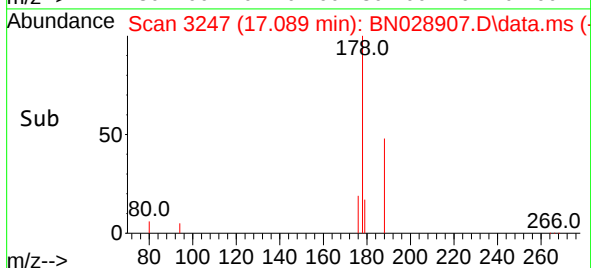
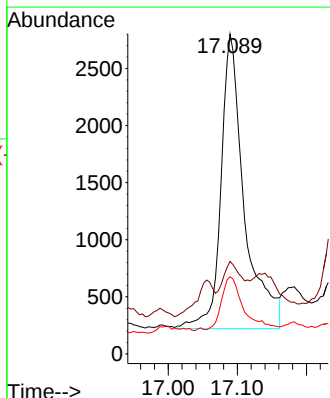
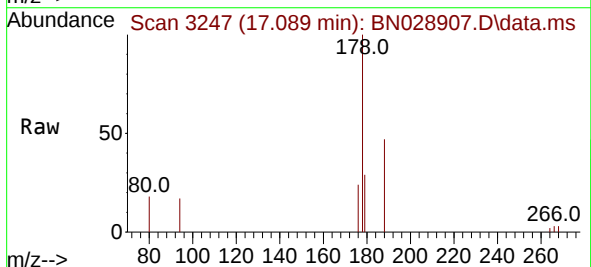
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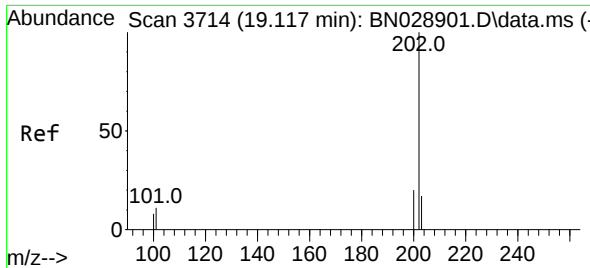
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Supervised By :mohammad ahmed 11/29/2023



#15
Phenanthrene
Concen: 0.110 ng/ul m
RT: 17.089 min Scan# 3247
Delta R.T. -0.014 min
Lab File: BN028907.D
Acq: 28 Nov 2023 17:02

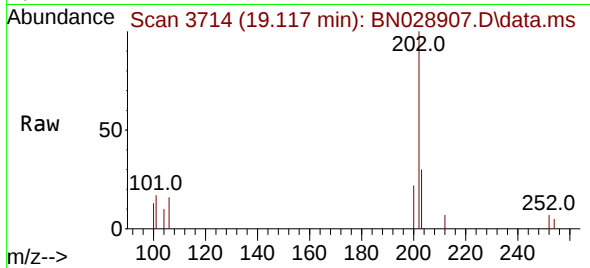
Tgt Ion:178 Resp: 6081
Ion Ratio Lower Upper
178 100
179 28.9 12.4 18.6#
176 24.1 15.4 23.2#





#19
Fluoranthene
Concen: 0.133 ng/ul m
RT: 19.117 min Scan# 3714
Delta R.T. -0.006 min
Lab File: BN028907.D
Acq: 28 Nov 2023 17:02

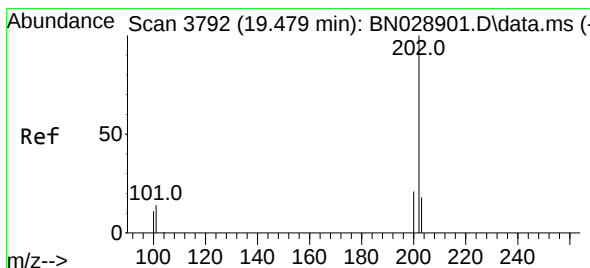
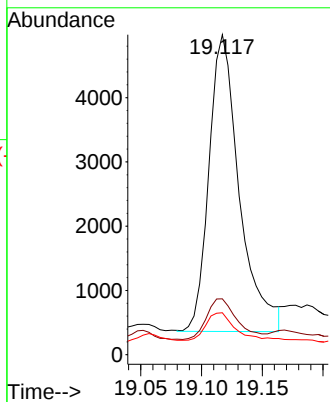
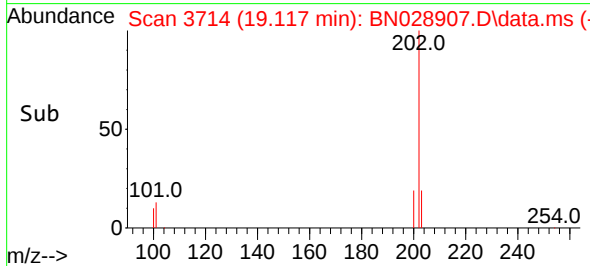
Instrument :
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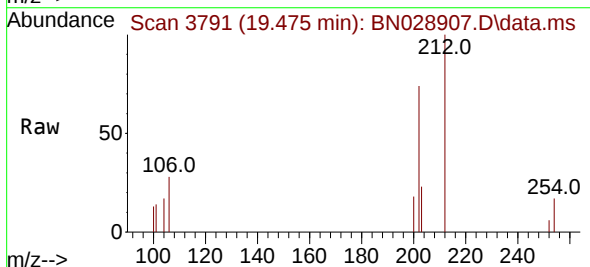
Tgt Ion:202 Resp: 805
Ion Ratio Lower Upper
202 100
101 17.5 9.5 14.3
100 13.1 7.2 10.8

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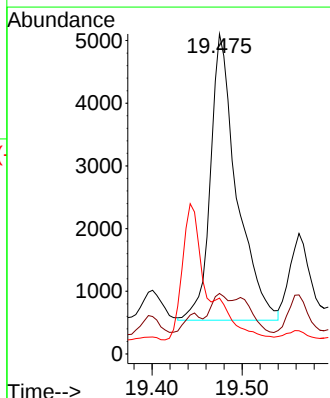
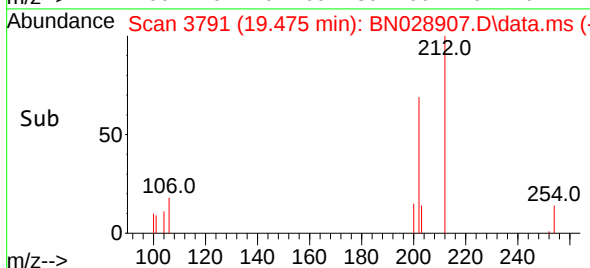
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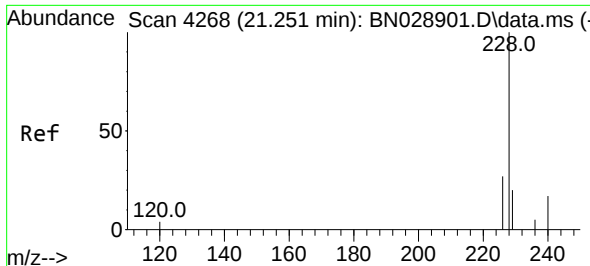


#20
Pyrene
Concen: 0.147 ng/ul m
RT: 19.475 min Scan# 3791
Delta R.T. -0.010 min
Lab File: BN028907.D
Acq: 28 Nov 2023 17:02



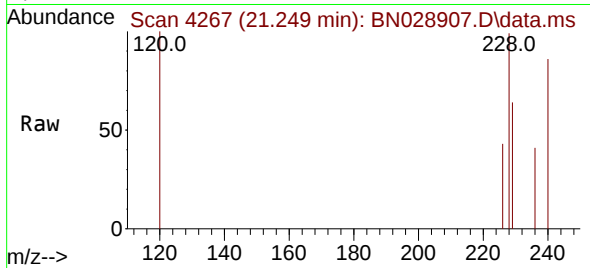
Tgt Ion:202 Resp: 9256
Ion Ratio Lower Upper
202 100
101 18.9 10.3 15.5#
100 17.5 8.2 12.2#





#21
Benzo(a)anthracene
Concen: 0.035 ng/ul m
RT: 21.249 min Scan# 4267
Delta R.T. -0.007 min
Lab File: BN028907.D
Acq: 28 Nov 2023 17:02

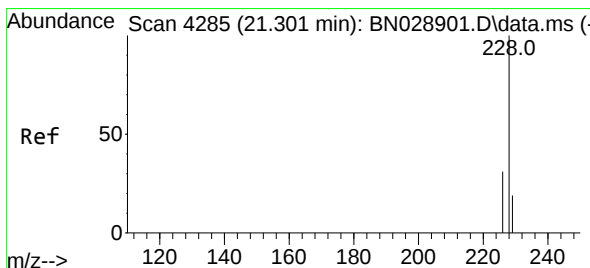
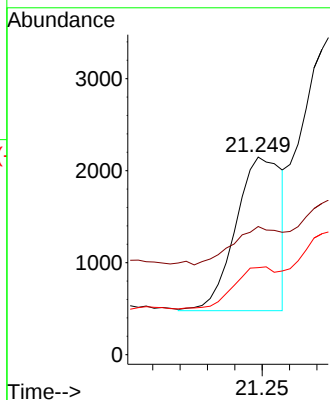
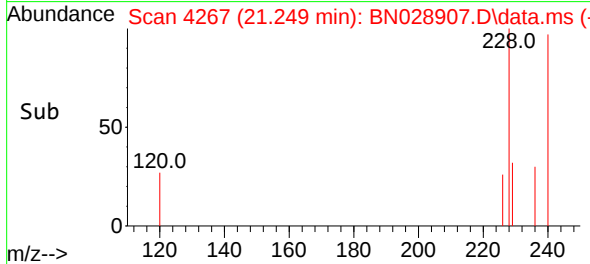
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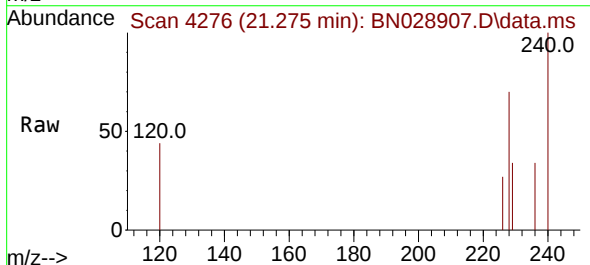
Tgt Ion:228 Resp: 1940
Ion Ratio Lower Upper
228 100
229 64.9 15.7 23.5#
226 44.1 21.4 32.0#

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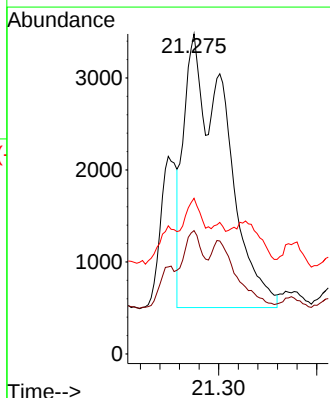
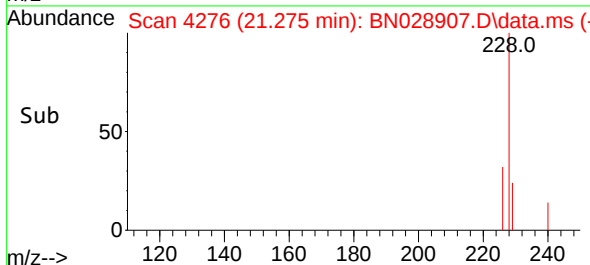
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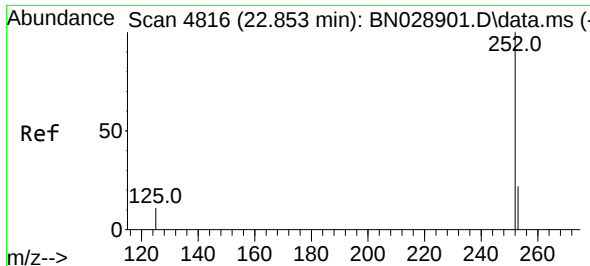


#22
Chrysene
Concen: 0.160 ng/ul m
RT: 21.275 min Scan# 4276
Delta R.T. -0.030 min
Lab File: BN028907.D
Acq: 28 Nov 2023 17:02



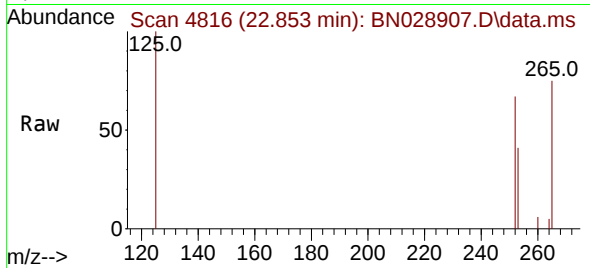
Tgt Ion:228 Resp: 8811
Ion Ratio Lower Upper
228 100
226 38.6 23.8 35.8#
229 48.7 15.4 23.2#





#24
Benzo(b)fluoranthene
Concen: 0.102 ng/ul m
RT: 22.853 min Scan# 4816
Delta R.T. -0.001 min
Lab File: BN028907.D
Acq: 28 Nov 2023 17:02

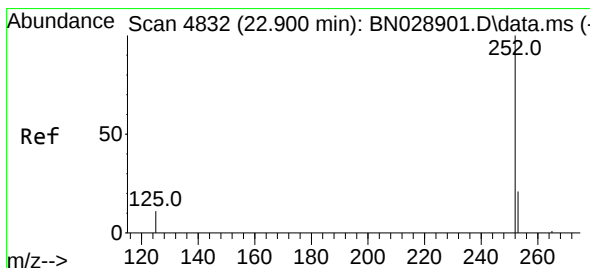
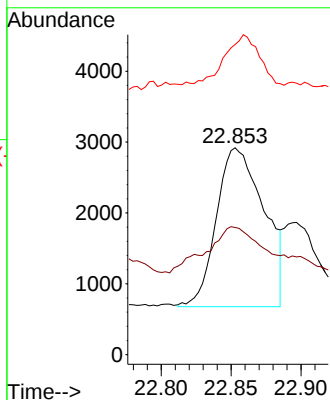
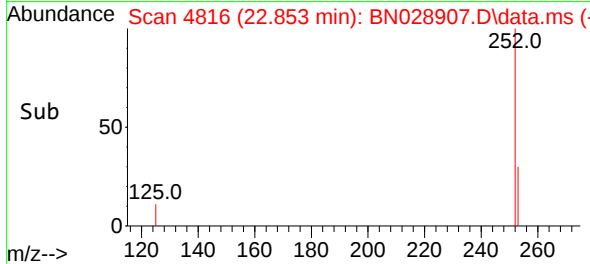
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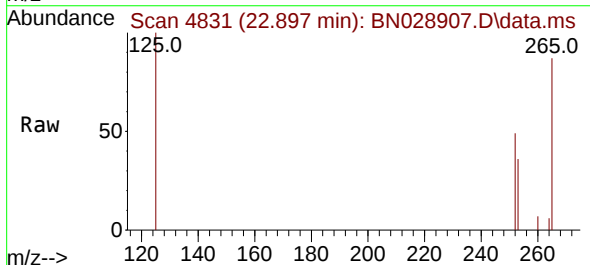
Tgt Ion:252 Resp: 5328
Ion Ratio Lower Upper
252 100
253 61.5 0.0 46.6#
125 149.9 0.0 27.6#

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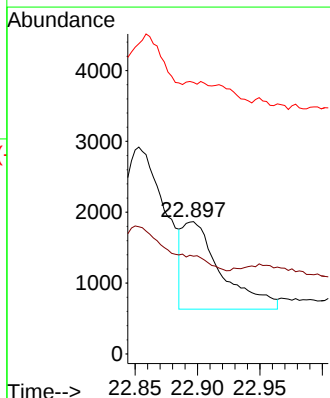
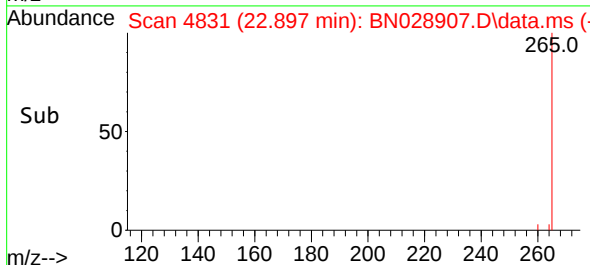
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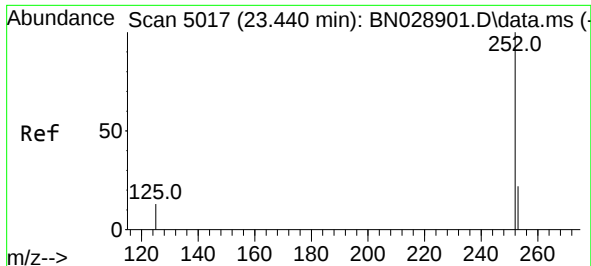


#25
Benzo(k)fluoranthene
Concen: 0.049 ng/ul m
RT: 22.897 min Scan# 4831
Delta R.T. -0.007 min
Lab File: BN028907.D
Acq: 28 Nov 2023 17:02



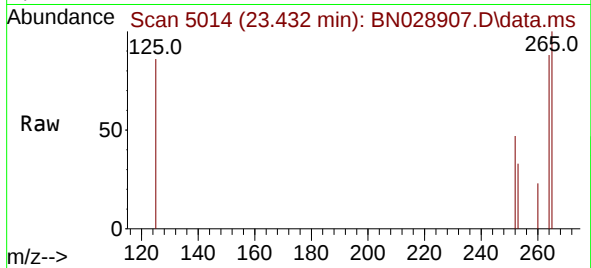
Tgt Ion:252 Resp: 2670
Ion Ratio Lower Upper
252 100
253 73.9 18.6 28.0#
125 205.2 12.7 19.1#





#26
Benzo(a)pyrene
Concen: 0.053 ng/ul m
RT: 23.432 min Scan# 5017
Delta R.T. -0.013 min
Lab File: BN028907.D
Acq: 28 Nov 2023 17:02

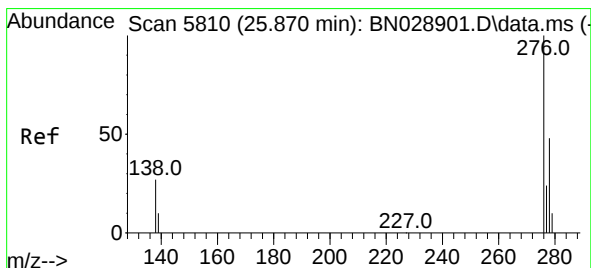
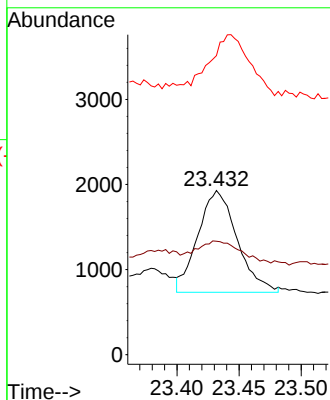
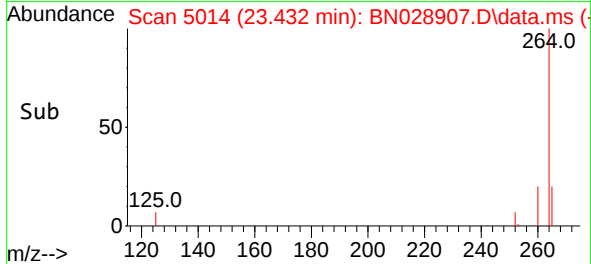
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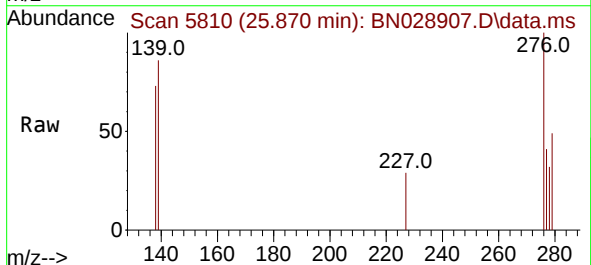
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Ion Ratio Lower Upper
252 100
253 69.1 19.0 28.6
125 182.2 13.2 19.8

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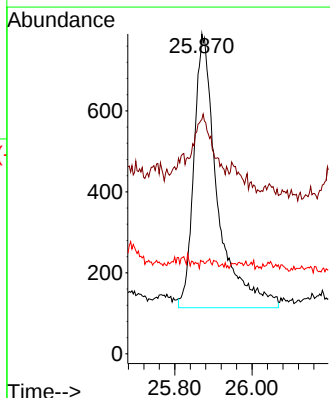
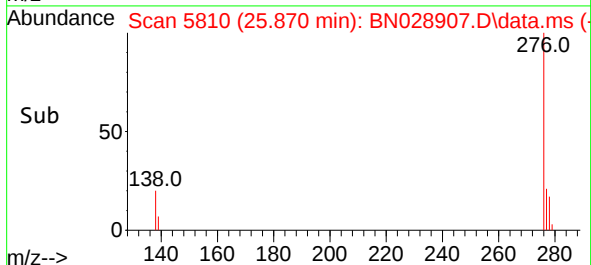
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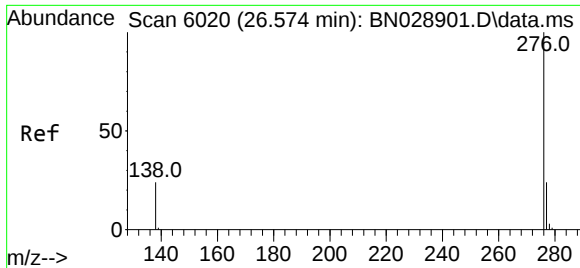


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.052 ng/ul m
RT: 25.870 min Scan# 5810
Delta R.T. -0.004 min
Lab File: BN028907.D
Acq: 28 Nov 2023 17:02



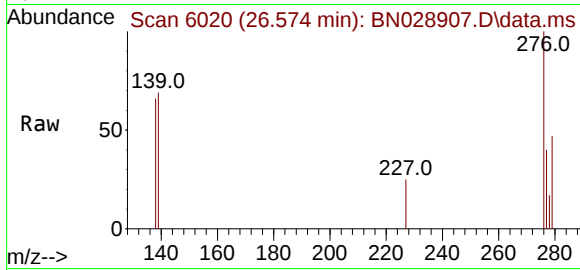
Tgt Ion:276 Resp: 2864
Ion Ratio Lower Upper
276 100
138 1.0 23.8 35.6#
227 0.2 0.1 0.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.061 ng/ul m
 RT: 26.574 min Scan# 60
 Delta R.T. -0.004 min
 Lab File: BN028907.D
 Acq: 28 Nov 2023 17:02

Instrument :
 BNA_N
 ClientSampleId :
 DCKR7DL



Tgt Ion: 276 Resp: 275

Ion	Ratio	Lower	Upper
276	100		
138	65.8	20.5	30.7
277	39.6	19.4	29.0

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