

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028880.D
 Acq On : 27 Nov 2023 15:28
 Operator : MA/JU
 Sample : 05261-13DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKR6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 28 04:15:26 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	620	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.429	136	17344	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.293	164	8811	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.051	188	14921	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.263	240	13261	0.400	ng/ul	# 0.00
23) Perylene-d12	23.534	264	14857	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.108	96	2508	3.660	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.063	152	378	0.014	ng/ul	-0.01
18) Fluoranthene-d10	19.089	212	1322	0.031	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.479	128	18608	0.383	ng/ul#	83
7) 2-Methylnaphthalene	12.134	142	2118m	0.066	ng/ul	
8) 1-Methylnaphthalene	12.327	142	870	0.027	ng/ul	95
15) Phenanthrene	17.094	178	3168	0.069	ng/ul#	66
19) Fluoranthene	19.117	202	4757	0.084	ng/ul#	83
20) Pyrene	19.480	202	4793	0.082	ng/ul#	80
22) Chrysene	21.275	228	4757m	0.093	ng/ul	
24) Benzo(b)fluoranthene	22.853	252	2915m	0.052	ng/ul	
29) Benzo(g,h,i)perylene	26.581	276	1572	0.033	ng/ul#	1

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

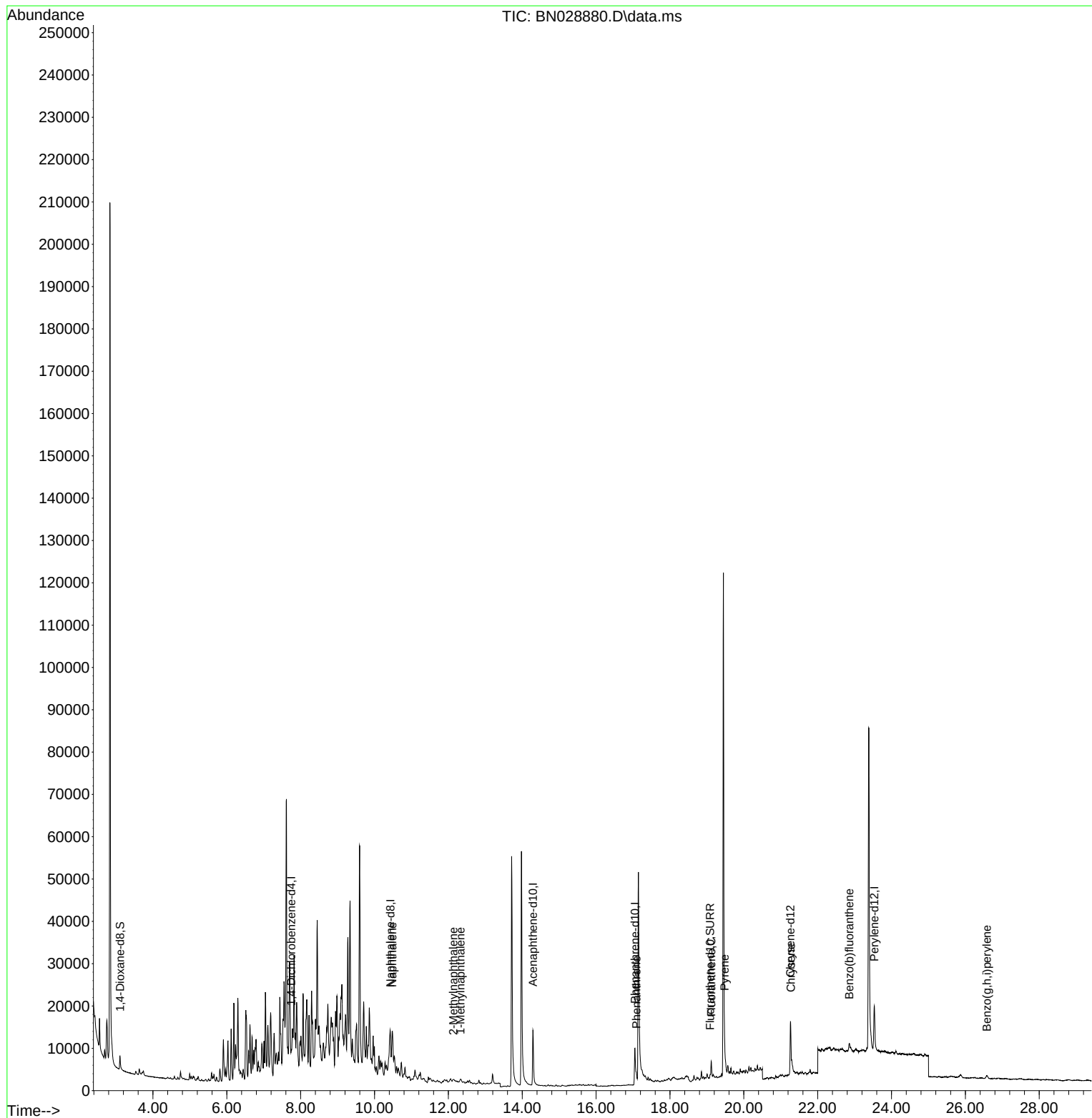
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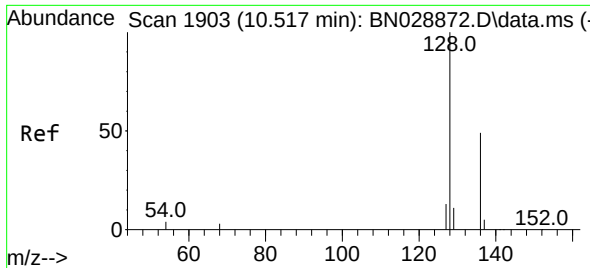
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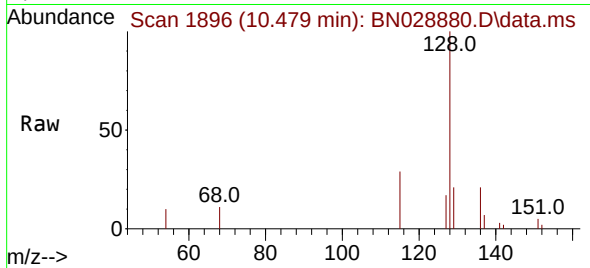
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#5
Naphthalene
Concen: 0.383 ng/ul
RT: 10.479 min Scan# 1896
Delta R.T. -0.027 min
Lab File: BN028880.D
Acq: 27 Nov 2023 15:28

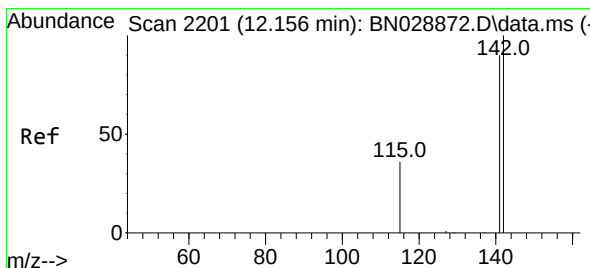
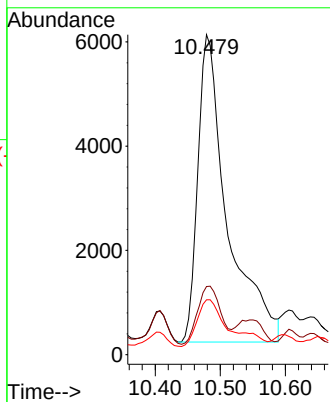
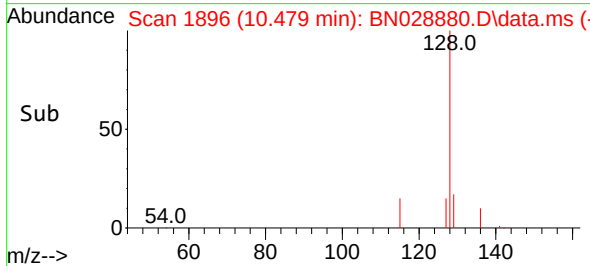
Instrument :
BNA_N
ClientSampleId :
DCKR6DL



Tgt Ion:128 Resp: 1860
Ion Ratio Lower Upper
128 100
129 21.3 9.2 13.8
127 17.1 10.7 16.1

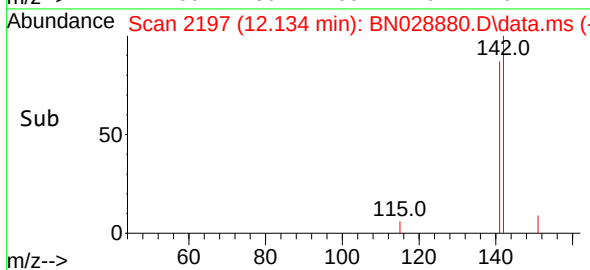
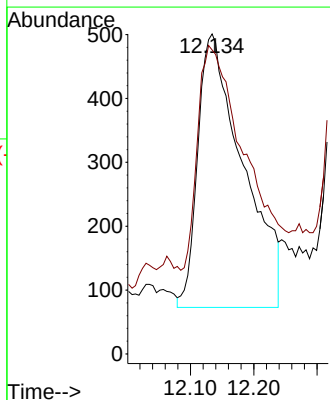
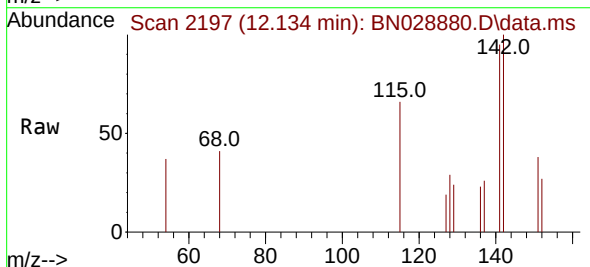
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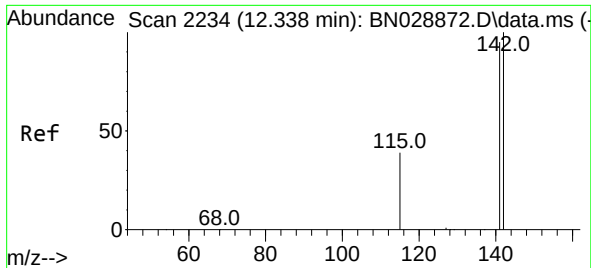
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Supervised By :mohammad ahmed 11/28/2023



#7
2-Methylnaphthalene
Concen: 0.066 ng/ul m
RT: 12.134 min Scan# 2197
Delta R.T. -0.005 min
Lab File: BN028880.D
Acq: 27 Nov 2023 15:28

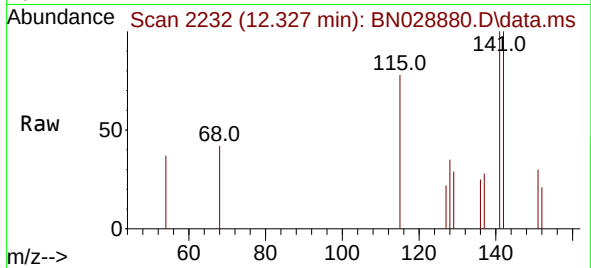
Tgt Ion:142 Resp: 2118
Ion Ratio Lower Upper
142 100
141 61.5 70.8 106.2#





#8
1-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.327 min Scan# 211
Delta R.T. -0.011 min
Lab File: BN028880.D
Acq: 27 Nov 2023 15:28

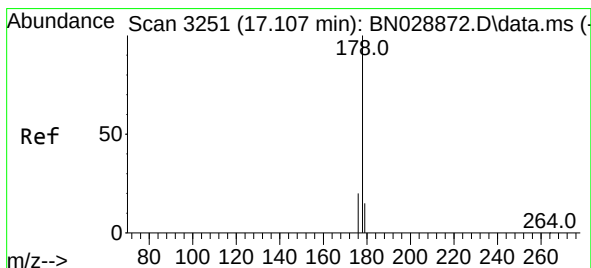
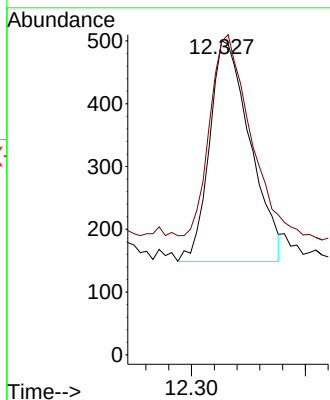
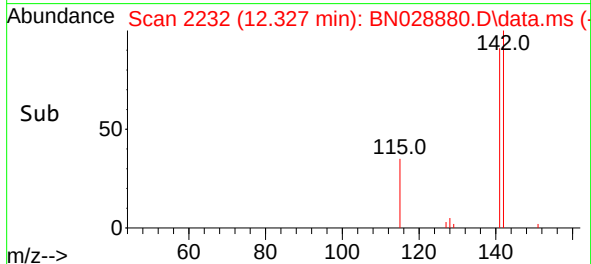
Instrument :
BNA_N
ClientSampleId :
DCKR6DL



Tgt Ion:142 Resp: 870
Ion Ratio Lower Upper
142 100
141 87.8 74.1 111.1

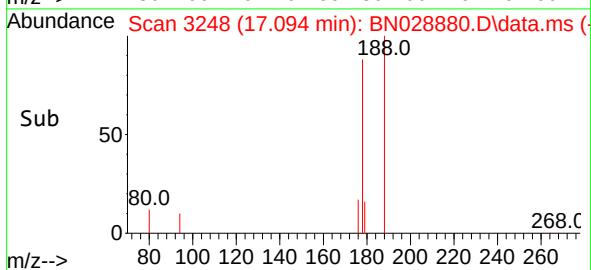
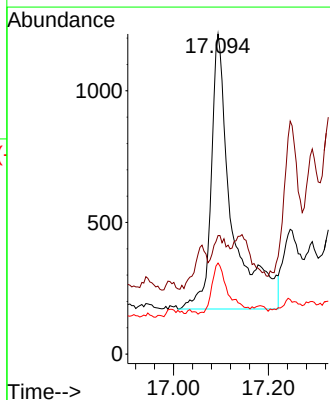
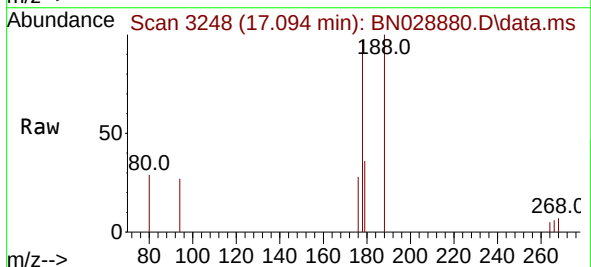
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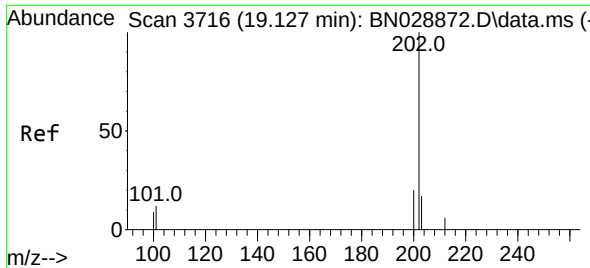
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#15
Phenanthrene
Concen: 0.069 ng/ul
RT: 17.094 min Scan# 3248
Delta R.T. -0.009 min
Lab File: BN028880.D
Acq: 27 Nov 2023 15:28

Tgt Ion:178 Resp: 3168
Ion Ratio Lower Upper
178 100
179 37.0 12.4 18.6#
176 28.5 15.4 23.2#





#19

Fluoranthene

Concen: 0.084 ng/u1

RT: 19.117 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN028880.D

Acq: 27 Nov 2023 15:28

Instrument :

BNA_N

ClientSampleId :

DCKR6DL

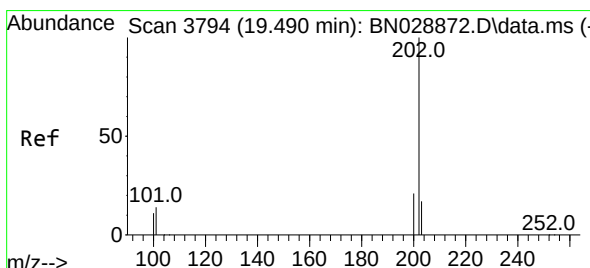
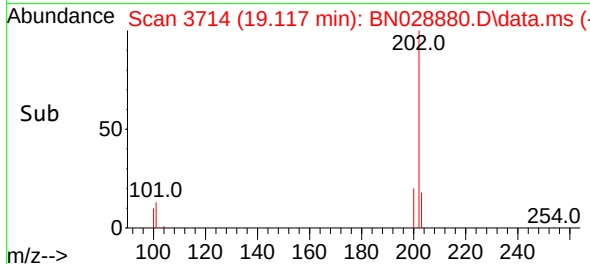
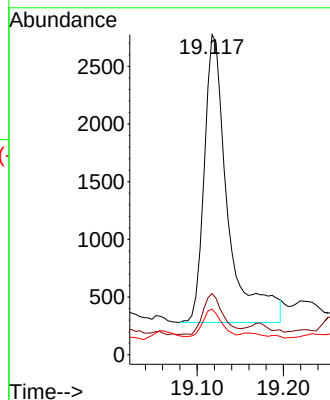
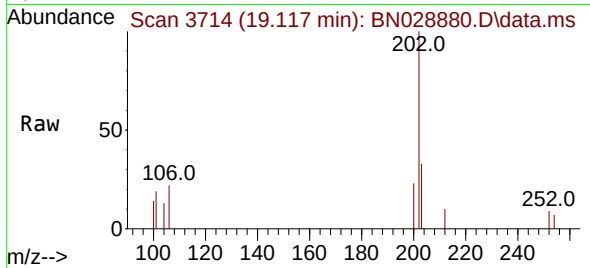
Tgt Ion:	202	Resp:	475
Ion Ratio	Lower	Upper	
202	100		
101	19.1	9.5	14.3
100	14.2	7.2	10.8

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#20

Pyrene

Concen: 0.082 ng/u1

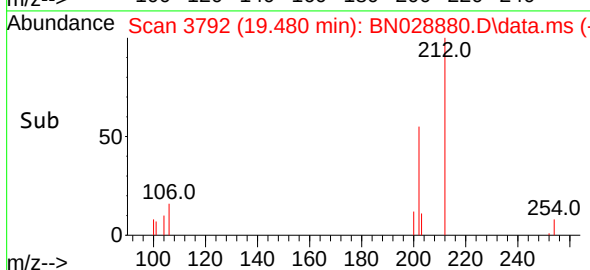
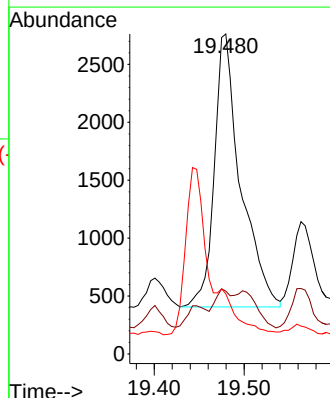
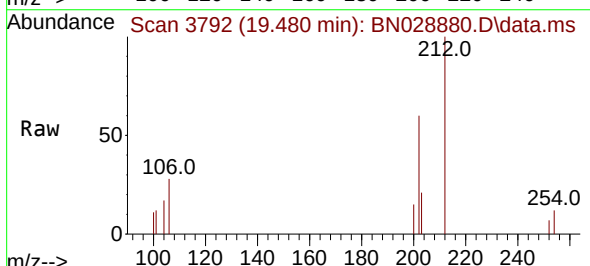
RT: 19.480 min Scan# 3792

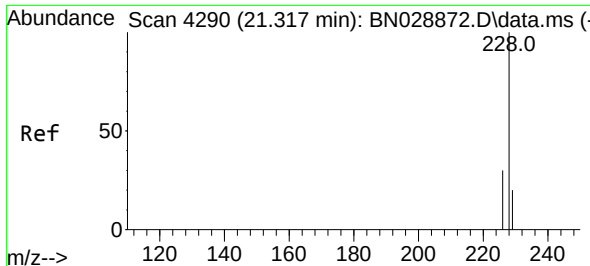
Delta R.T. -0.006 min

Lab File: BN028880.D

Acq: 27 Nov 2023 15:28

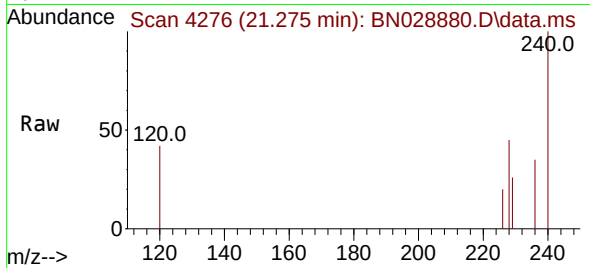
Tgt Ion:	202	Resp:	4793
Ion Ratio	Lower	Upper	
202	100		
101	19.7	10.3	15.5
100	18.8	8.2	12.2





#22
Chrysene
Concen: 0.093 ng/ul m
RT: 21.275 min Scan# 4276
Delta R.T. -0.030 min
Lab File: BN028880.D
Acq: 27 Nov 2023 15:28

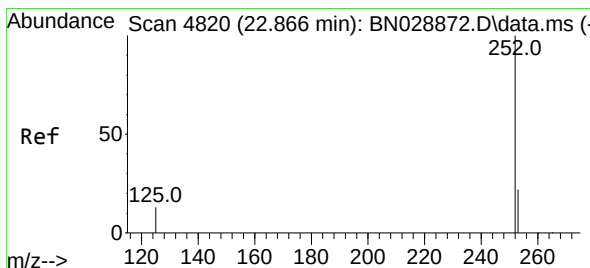
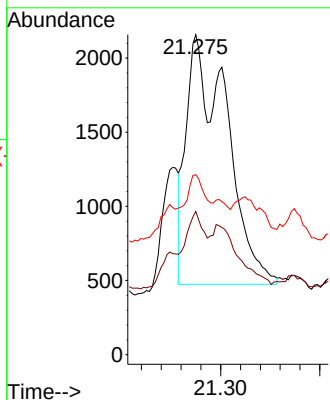
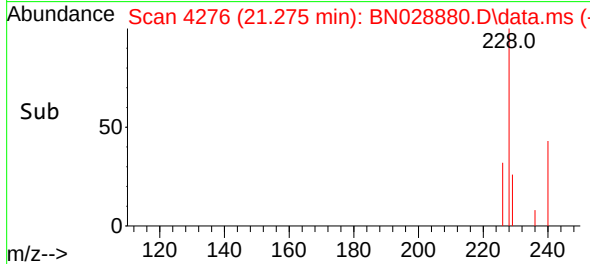
Instrument :
BNA_N
ClientSampleId :
DCKR6DL



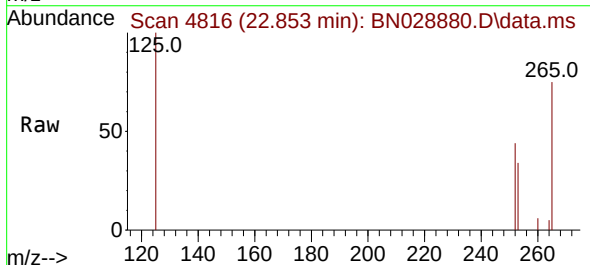
Tgt Ion:228 Resp: 475
Ion Ratio Lower Upper
228 100
226 44.8 23.8 35.8
229 56.3 15.4 23.2

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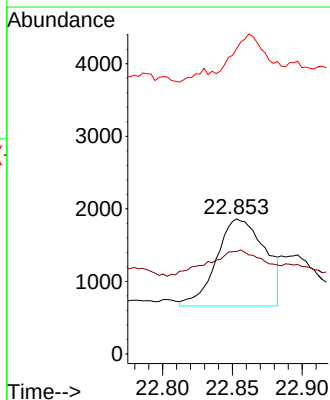
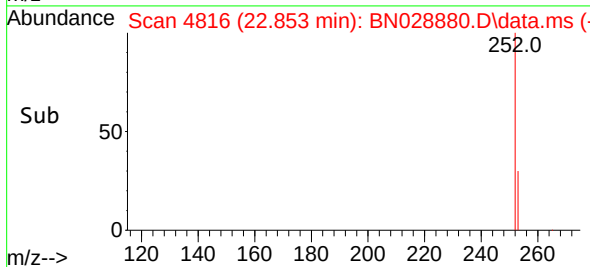
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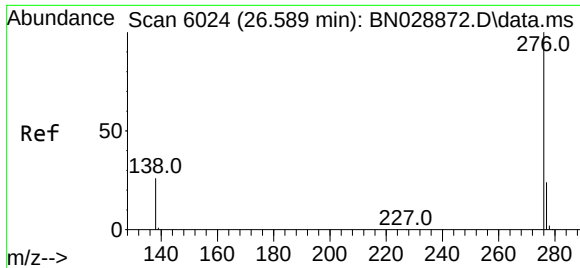


#24
Benzo(b)fluoranthene
Concen: 0.052 ng/ul m
RT: 22.853 min Scan# 4816
Delta R.T. -0.001 min
Lab File: BN028880.D
Acq: 27 Nov 2023 15:28



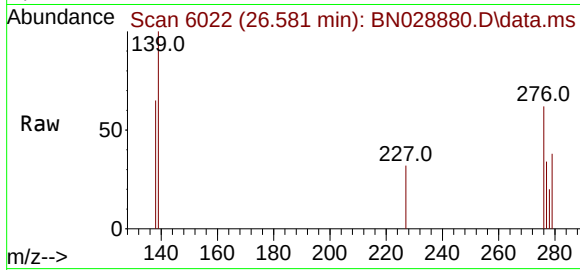
Tgt Ion:252 Resp: 2915
Ion Ratio Lower Upper
252 100
253 75.8 0.0 46.6#
125 226.2 0.0 27.6#





#29
Benzo(g,h,i)perylene
Concen: 0.033 ng/ul
RT: 26.581 min Scan# 60
Delta R.T. 0.002 min
Lab File: BN028880.D
Acq: 27 Nov 2023 15:28

Instrument :
BNA_N
ClientSampleId :
DCKR6DL



Tgt Ion: 276 Resp: 1572

Ion	Ratio	Lower	Upper
276	100		
138	105.4	20.5	30.7
277	54.4	19.4	29.0

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