

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112823\
 Data File : BN028904.D
 Acq On : 28 Nov 2023 15:12
 Operator : MA/JU
 Sample : 05416-02DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB3DL

Manual Integrations
 APPROVED

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

Quant Time: Nov 28 16:21:45 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	7.660	152	5103m	0.400	ng/ul	-0.08
4) Naphthalene-d8	10.429	136	17977	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.288	164	9724	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.047	188	17266	0.400	ng/ul	-0.01
17) Chrysene-d12	21.266	240	11181	0.400	ng/ul	# 0.00
23) Perylene-d12	23.534	264	11515	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	6313	1.119	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.052	152	1318m	0.049	ng/ul	-0.02
18) Fluoranthene-d10	19.089	212	2503	0.070	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.479	128	14835	0.294	ng/ul	97
7) 2-Methylnaphthalene	12.112	142	13629m	0.411	ng/ul	
8) 1-Methylnaphthalene	12.321	142	10925	0.324	ng/ul	99
15) Phenanthrene	17.085	178	34420	0.649	ng/ul	99
19) Fluoranthene	19.122	202	2447	0.051	ng/ul#	80
20) Pyrene	19.475	202	2591m	0.053	ng/ul	
22) Chrysene	21.304	228	4253m	0.098	ng/ul	

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

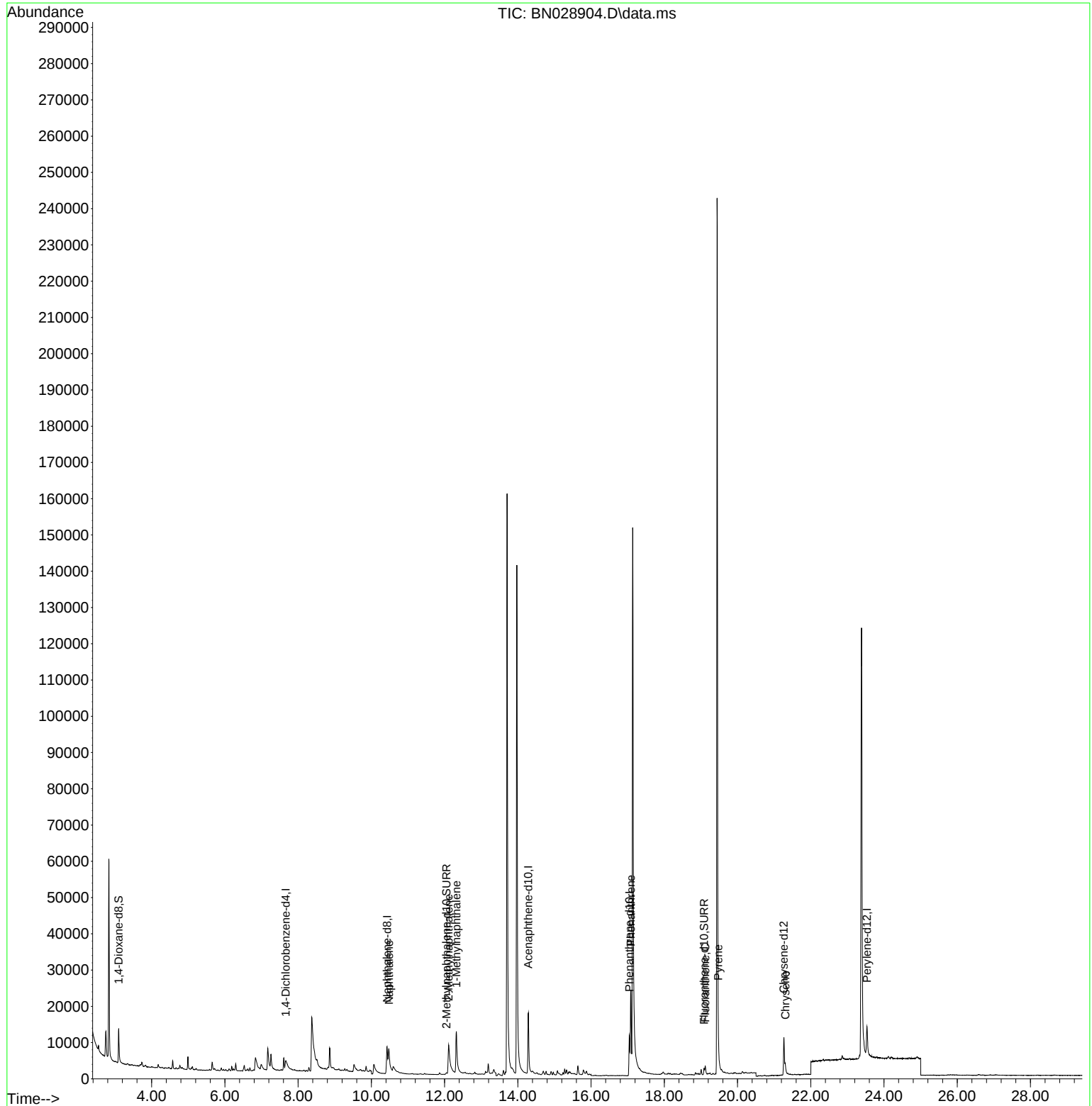
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112823\
Data File : BN028904.D
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Operator : MA/JU
Sample : 05416-02DL 5X
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ALS Vial : 5 Sample Multiplier: 1

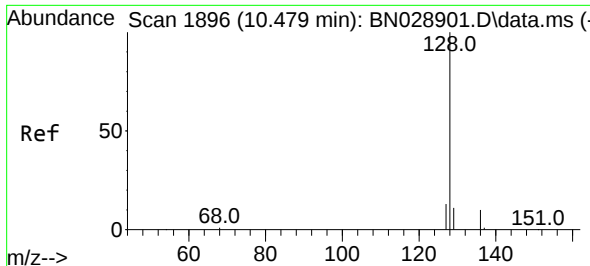
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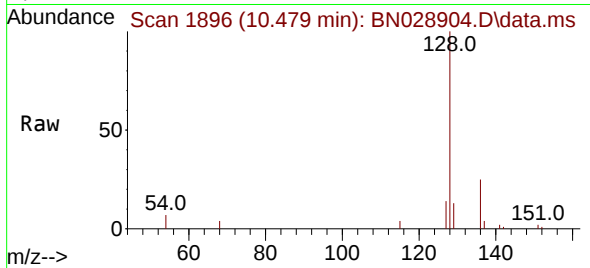
Quant Time: Nov 28 16:21:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.294 ng/ul
RT: 10.479 min Scan# 1896
Delta R.T. -0.027 min
Lab File: BN028904.D
Acq: 28 Nov 2023 15:12

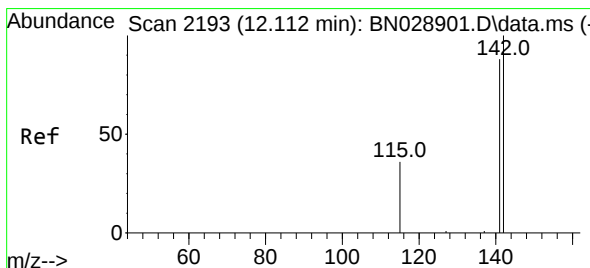
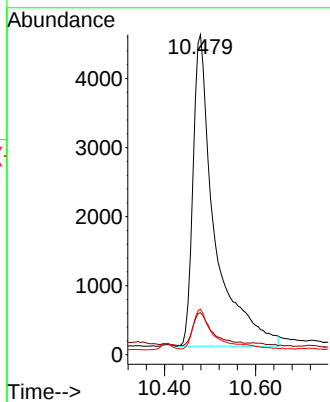
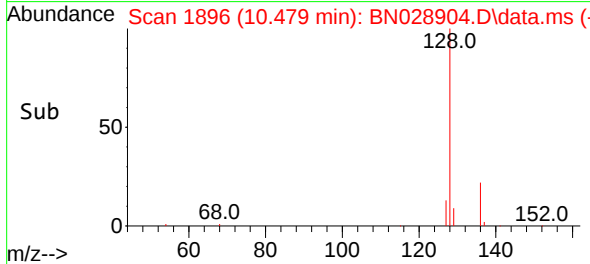
Instrument :
BNA_N
ClientSampleId :
C0AB3DL



Tgt Ion:128 Resp: 14835
Ion Ratio Lower Upper
128 100
129 13.1 9.2 13.8
127 14.2 10.7 16.1

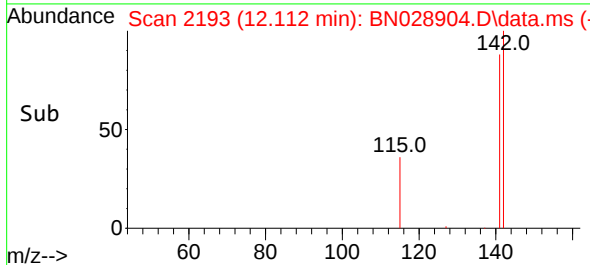
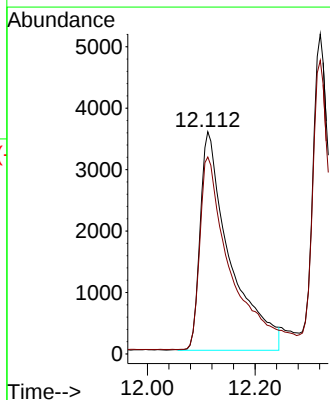
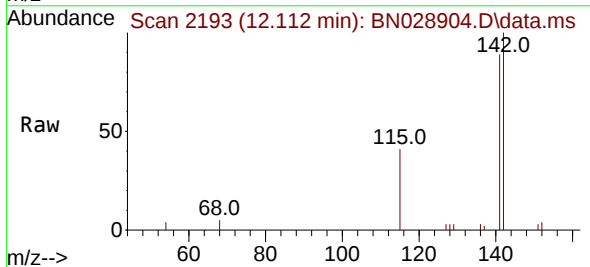
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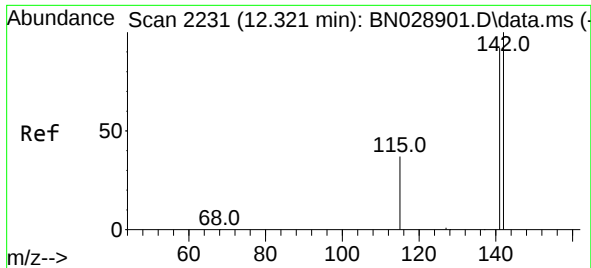
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#7
2-Methylnaphthalene
Concen: 0.411 ng/ul m
RT: 12.112 min Scan# 2193
Delta R.T. -0.027 min
Lab File: BN028904.D
Acq: 28 Nov 2023 15:12

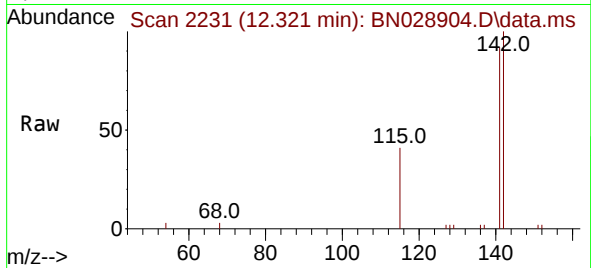
Tgt Ion:142 Resp: 13629
Ion Ratio Lower Upper
142 100
141 74.2 70.8 106.2





#8
1-Methylnaphthalene
Concen: 0.324 ng/ul
RT: 12.321 min Scan# 21
Delta R.T. -0.016 min
Lab File: BN028904.D
Acq: 28 Nov 2023 15:12

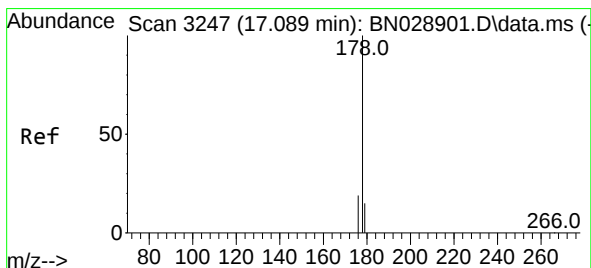
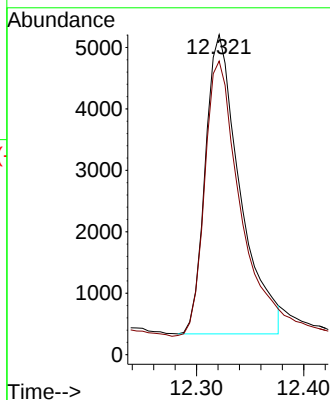
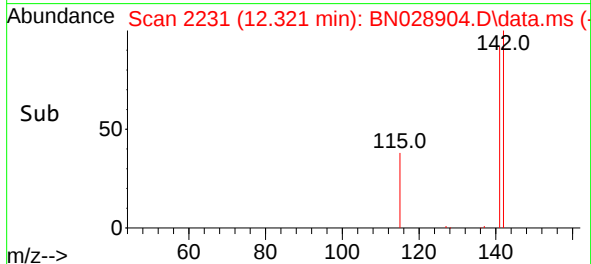
Instrument :
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ClientSampleId :
C0AB3DL



Tgt Ion:142 Resp: 1092
Ion Ratio Lower Upper
142 100
141 93.9 74.1 111.1

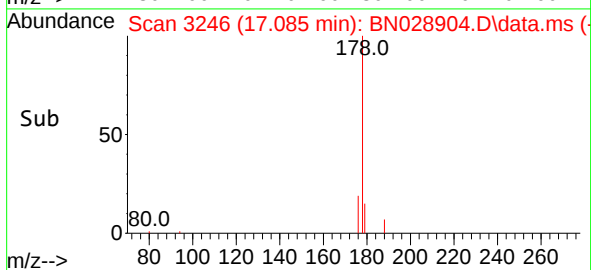
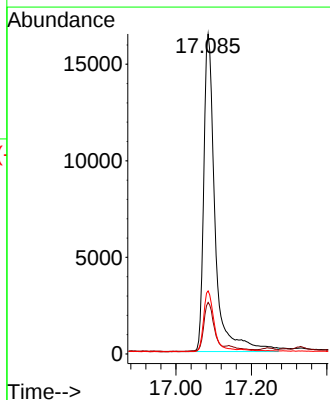
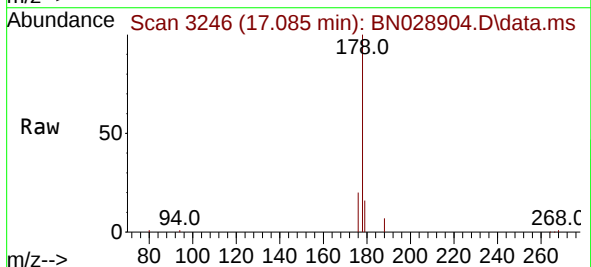
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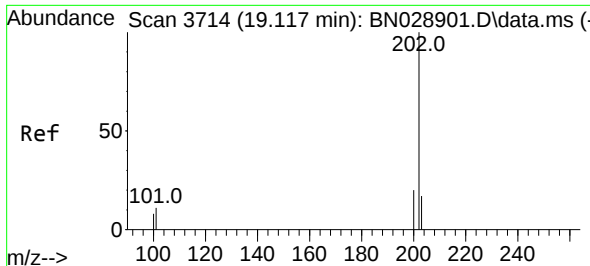
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#15
Phenanthrene
Concen: 0.649 ng/ul
RT: 17.085 min Scan# 3246
Delta R.T. -0.018 min
Lab File: BN028904.D
Acq: 28 Nov 2023 15:12

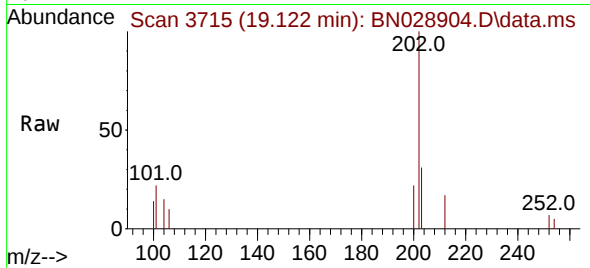
Tgt Ion:178 Resp: 34420
Ion Ratio Lower Upper
178 100
179 16.1 12.4 18.6
176 19.7 15.4 23.2





#19
Fluoranthene
Concen: 0.051 ng/ul
RT: 19.122 min Scan# 3715
Delta R.T. -0.001 min
Lab File: BN028904.D
Acq: 28 Nov 2023 15:12

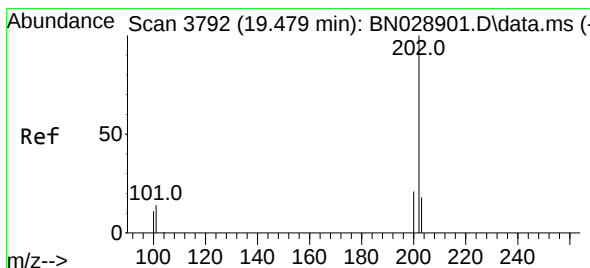
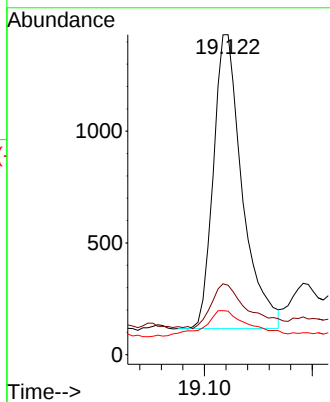
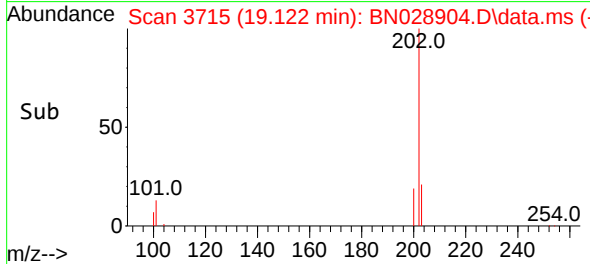
Instrument :
BNA_N
ClientSampleId :
C0AB3DL



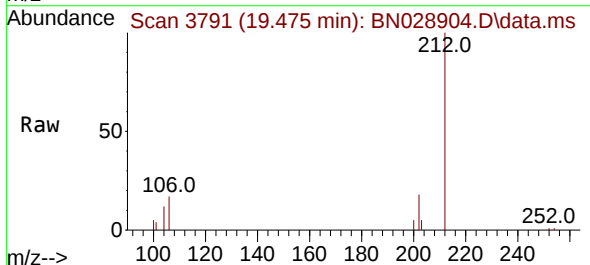
Tgt Ion:202 Resp: 244
Ion Ratio Lower Upper
202 100
101 21.7 9.5 14.3#
100 13.6 7.2 10.8#

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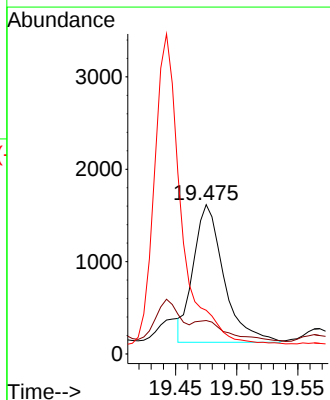
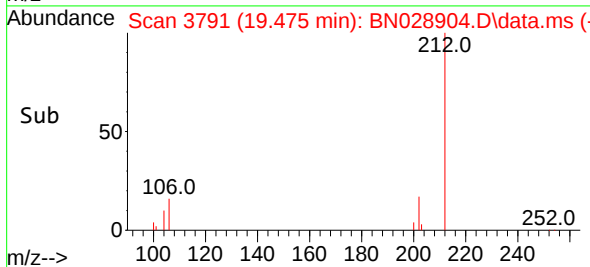
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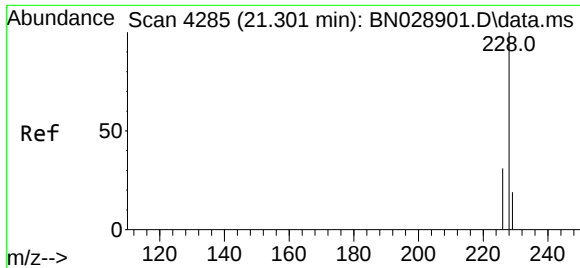


#20
Pyrene
Concen: 0.053 ng/ul m
RT: 19.475 min Scan# 3791
Delta R.T. -0.010 min
Lab File: BN028904.D
Acq: 28 Nov 2023 15:12



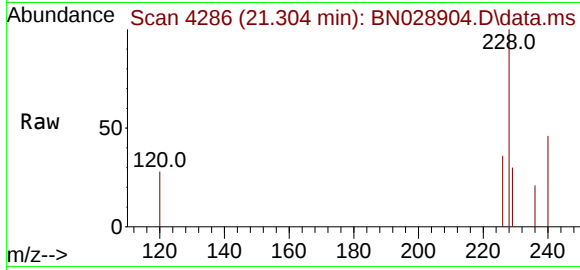
Tgt Ion:202 Resp: 2591
Ion Ratio Lower Upper
202 100
101 22.4 10.3 15.5#
100 29.3 8.2 12.2#





#22
 Chrysene
 Concen: 0.098 ng/ul m
 RT: 21.304 min Scan# 4285
 Delta R.T. -0.001 min
 Lab File: BN028904.D
 Acq: 28 Nov 2023 15:12

Instrument :
 BNA_N
 ClientSampleId :
 C0AB3DL



Tgt Ion:	228	Resp:	425
Ion Ratio	Lower	Upper	
228	100		
226	35.6	23.8	35.8
229	30.3	15.4	23.2

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