

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
 Data File : BN031204.D
 Acq On : 25 Apr 2024 01:28
 Operator : MA/JU
 Sample : P2104-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 25 02:00:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	153281	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.410	136	722084	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	488857	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.022	188	1118955	20.000	ng/u1	-0.01
79) Chrysene-d12	21.263	240	1273843	20.000	ng/u1	0.00
88) Perylene-d12	24.157	264	1501478	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	9496	2.894	ng/uL	0.00
4) Pyridine-d5	3.552	84	90797	9.610	ng/u1	0.00
7) Phenol-d5	6.805	99	252700	19.543	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	148665	19.762	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.163	132	204277	20.290	ng/u1	0.00
15) 4-Methylphenol-d8	8.334	113	188739	17.357	ng/u1	0.00
21) Nitrobenzene-d5	8.781	128	104435	20.130	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.499	143	108597	20.137	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.034	165	207552	19.516	ng/u1	0.00
31) 4-Chloroaniline-d4	10.551	131	293949	17.687	ng/u1	-0.01
46) Dimethylphthalate-d6	13.692	166	715510	21.033	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	820218	21.277	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.492	143	116266	16.375	ng/u1	0.00
60) Fluorene-d10	15.269	176	649882	21.945	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.398	200	66373	11.757	ng/u1	0.00
73) Anthracene-d10	17.122	188	1079935	22.267	ng/u1	-0.01
81) Pyrene-d10	19.427	212	1455287	23.249	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	1663287	23.360	ng/u1	-0.02
Target Compounds					Qvalue	
16) Acetophenone	8.446	105	44853	2.662	ng/u1	97
87) Chrysene	21.298	228	82720	1.007	ng/u1	97
90) Benzo(b)fluoranthene	23.239	252	164329	1.945	ng/u1#	96
93) Benzo(a)pyrene	24.015	252	114669	1.361	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.398	276	106698	1.020	ng/u1	94
96) Benzo(g,h,i)perylene	28.409	276	107993m	1.282	ng/u1	

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

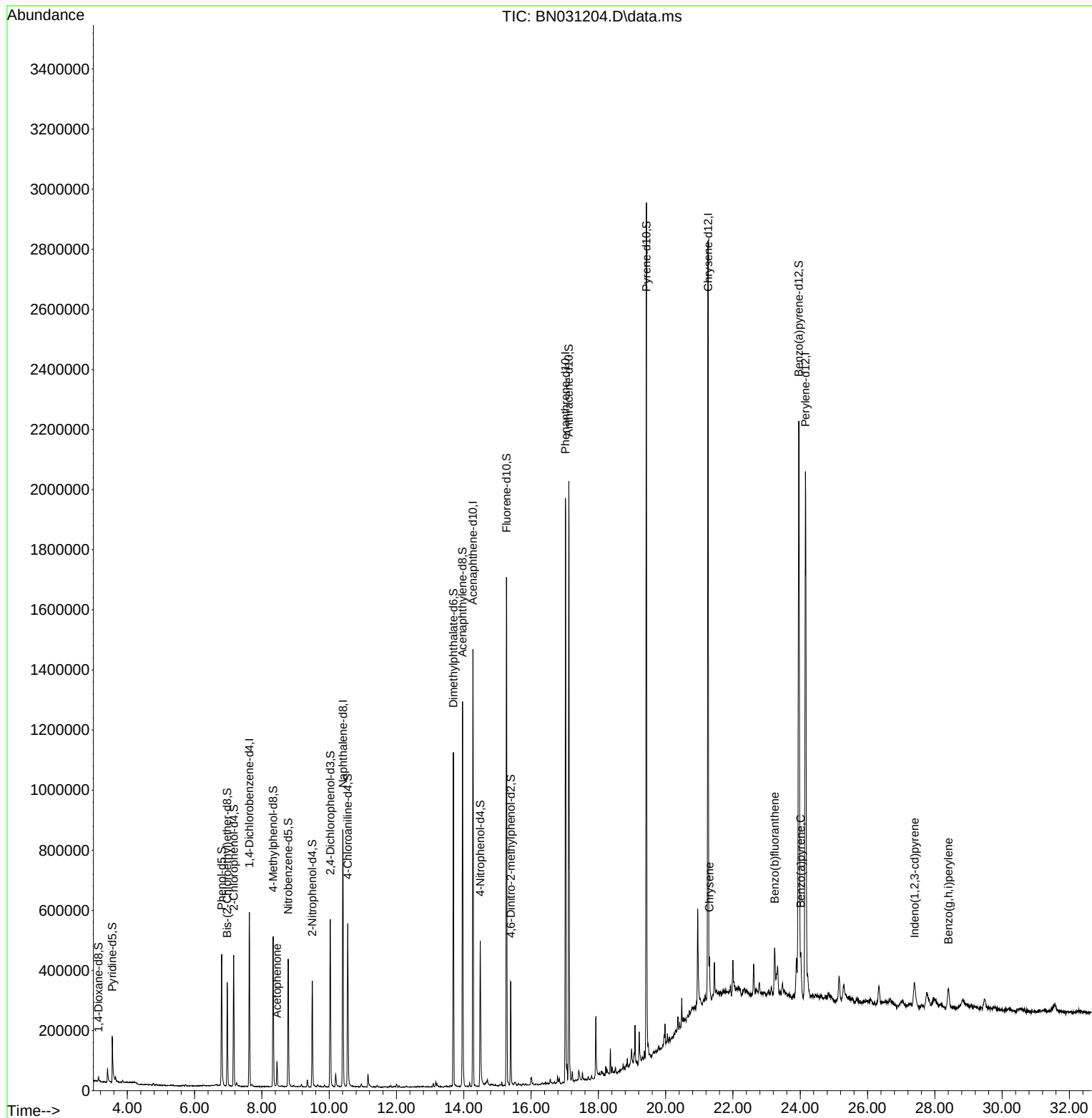
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031204.D
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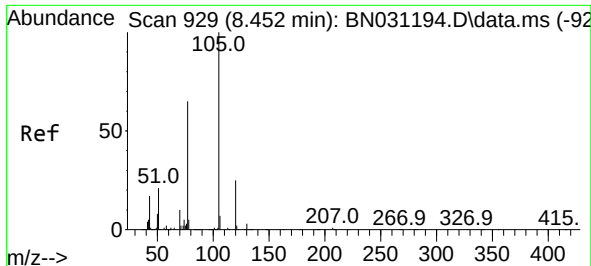
Instrument :
BNA_N
ClientSampleId :
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Quant Time: Apr 25 02:00:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
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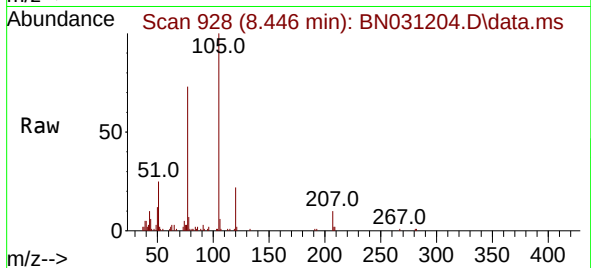
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024





#16
Acetophenone
Concen: 2.662 ng/u1
RT: 8.446 min Scan# 91
Delta R.T. -0.012 min
Lab File: BN031204.D
Acq: 25 Apr 2024 01:28

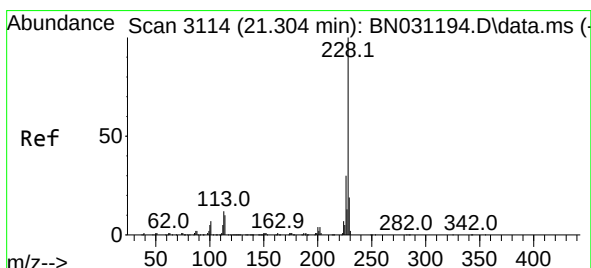
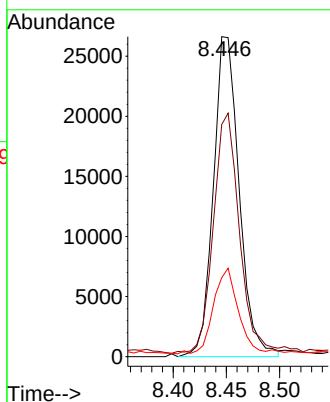
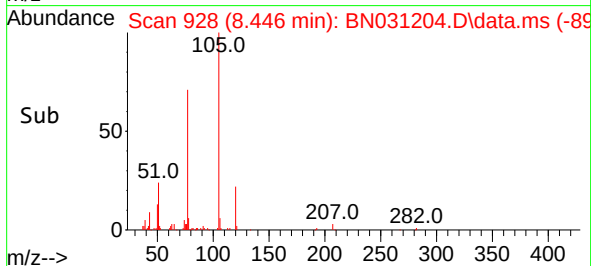
Instrument :
BNA_N
ClientSampleId :
C0AC9



Tgt Ion:105 Resp: 4485
Ion Ratio Lower Upper
105 100
77 72.5 60.2 90.4
51 24.7 20.6 31.0

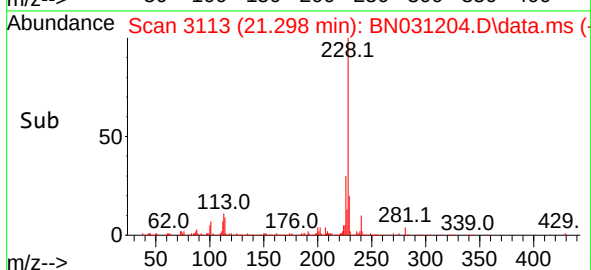
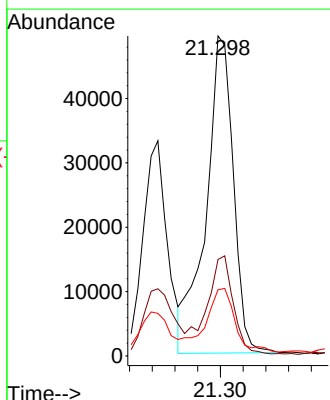
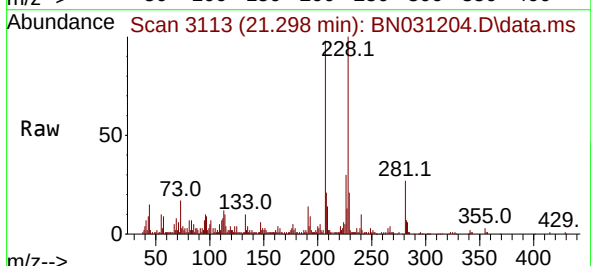
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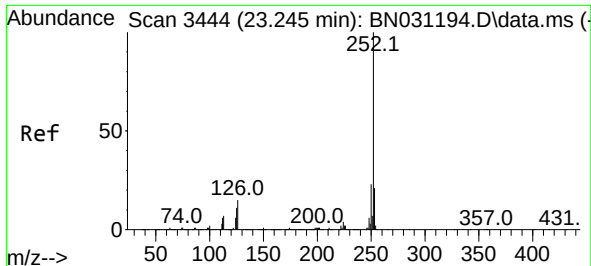
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#87
Chrysene
Concen: 1.007 ng/u1
RT: 21.298 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BN031204.D
Acq: 25 Apr 2024 01:28

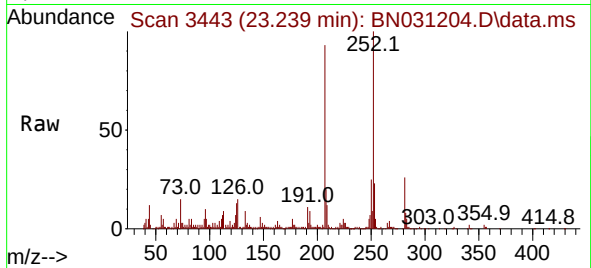
Tgt Ion:228 Resp: 82720
Ion Ratio Lower Upper
228 100
226 30.1 22.6 34.0
229 20.7 15.8 23.8





#90
Benzo(b)fluoranthene
Concen: 1.945 ng/ul
RT: 23.239 min Scan# 3444
Delta R.T. -0.018 min
Lab File: BN031204.D
Acq: 25 Apr 2024 01:28

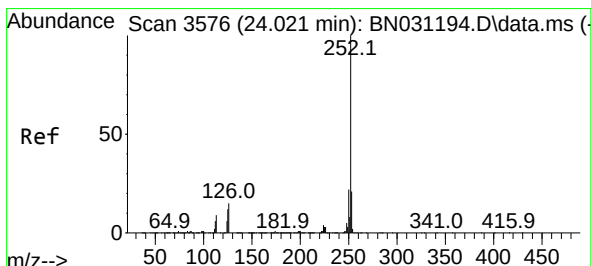
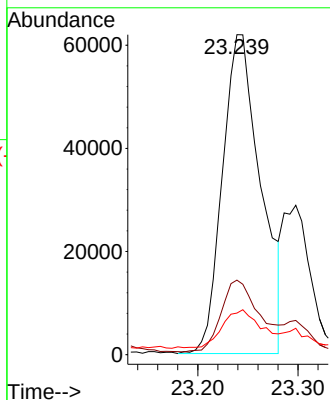
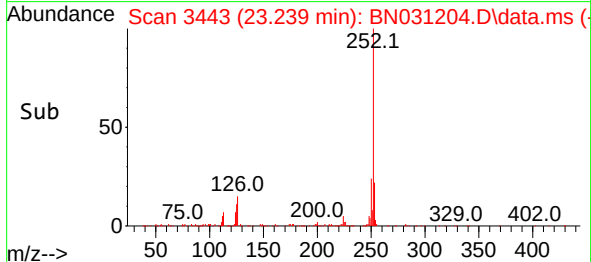
Instrument :
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ClientSampleId :
C0AC9



Tgt Ion:252 Resp: 164329
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 13.0 8.6 12.8

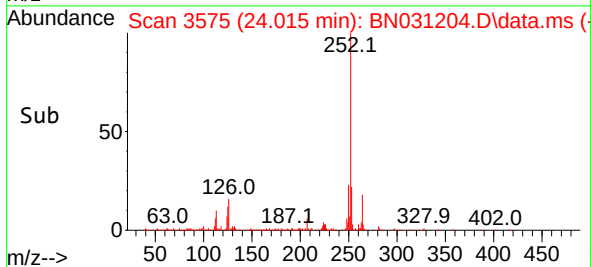
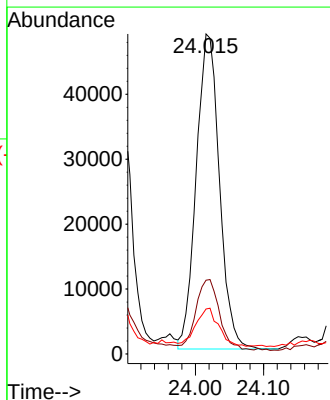
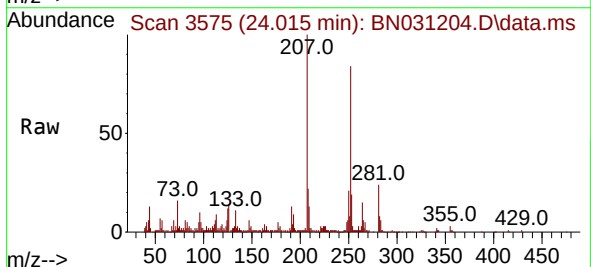
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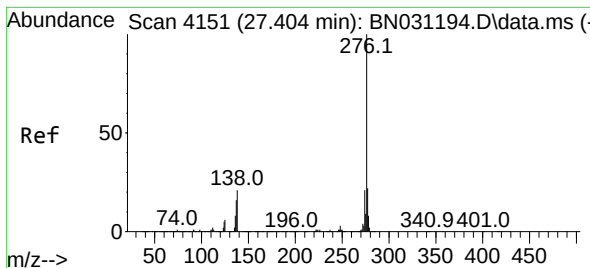
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#93
Benzo(a)pyrene
Concen: 1.361 ng/ul
RT: 24.015 min Scan# 3575
Delta R.T. -0.018 min
Lab File: BN031204.D
Acq: 25 Apr 2024 01:28

Tgt Ion:252 Resp: 114669
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 14.1 9.9 14.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.020 ng/ul

RT: 27.398 min Scan# 4151

Delta R.T. -0.024 min

Lab File: BN031204.D

Acq: 25 Apr 2024 01:28

Instrument :

BNA_N

ClientSampleId :

C0AC9

Tgt Ion:276 Resp: 106698

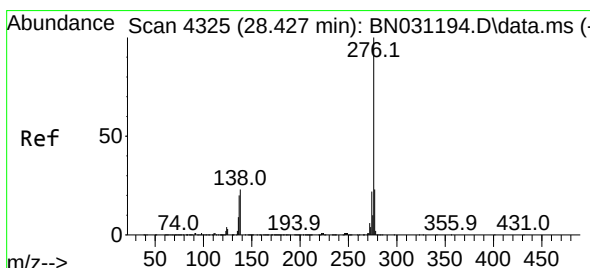
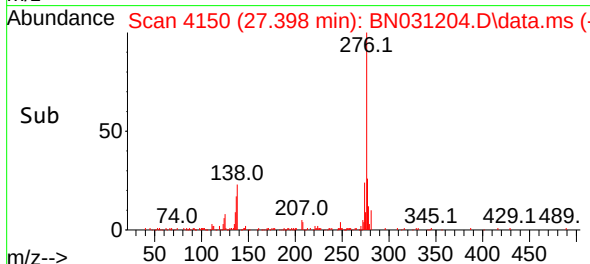
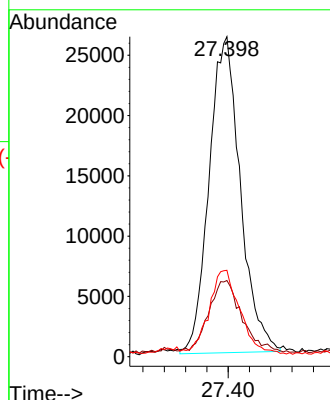
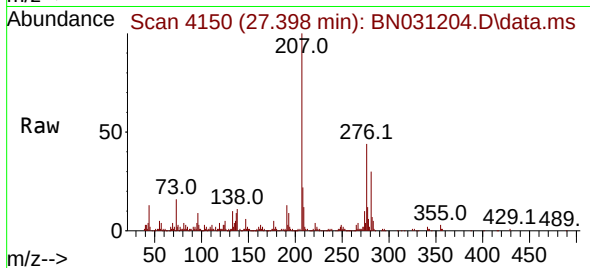
Ion	Ratio	Lower	Upper
276	100		
138	23.8	17.4	26.2
277	27.0	18.3	27.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#96

Benzo(g,h,i)perylene

Concen: 1.282 ng/ul m

RT: 28.409 min Scan# 4322

Delta R.T. -0.030 min

Lab File: BN031204.D

Acq: 25 Apr 2024 01:28

Tgt Ion:276 Resp: 107993

Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.0	28.6
277	25.7	19.3	28.9

