

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031985.D
 Acq On : 13 Jun 2024 20:14
 Operator : MA/JU
 Sample : P2663-09
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH696

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/14/2024

Quant Time: Jun 13 23:10:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	390694	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1643444	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	966083	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	1589712	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1060854	20.000	ng/u1	0.00
88) Perylene-d12	24.216	264	1252372	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	37788	4.001	ng/uL	0.00
4) Pyridine-d5	3.587	84	167018	6.283	ng/u1	0.00
7) Phenol-d5	6.840	99	914411	27.301	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	518319	26.457	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	753518	29.485	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	741362	27.154	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	384217	30.576	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	409140	31.520	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	714202	29.473	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	911476	25.333	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	2087520	31.017	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	2336256	30.189	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	304258	22.578	ng/u1	0.00
60) Fluorene-d10	15.298	176	1643029	28.852	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	143882	18.006	ng/u1	0.00
73) Anthracene-d10	17.151	188	2064072	30.328	ng/u1	0.00
81) Pyrene-d10	19.451	212	1814411	31.961	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	1409149	23.564	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.481	105	57015	1.378	ng/u1	97
72) Phenanthrene	17.098	178	165472	2.043	ng/u1	98
80) Fluoranthene	19.116	202	266619	3.930	ng/u1	99
82) Pyrene	19.480	202	195461	2.808	ng/u1	99
85) Benzo(a)anthracene	21.275	228	126479	1.781	ng/u1	99
87) Chrysene	21.333	228	133968m	2.020	ng/u1	
90) Benzo(b)fluoranthene	23.292	252	168755	2.254	ng/u1#	92
93) Benzo(a)pyrene	24.080	252	71426	1.019	ng/u1#	88

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

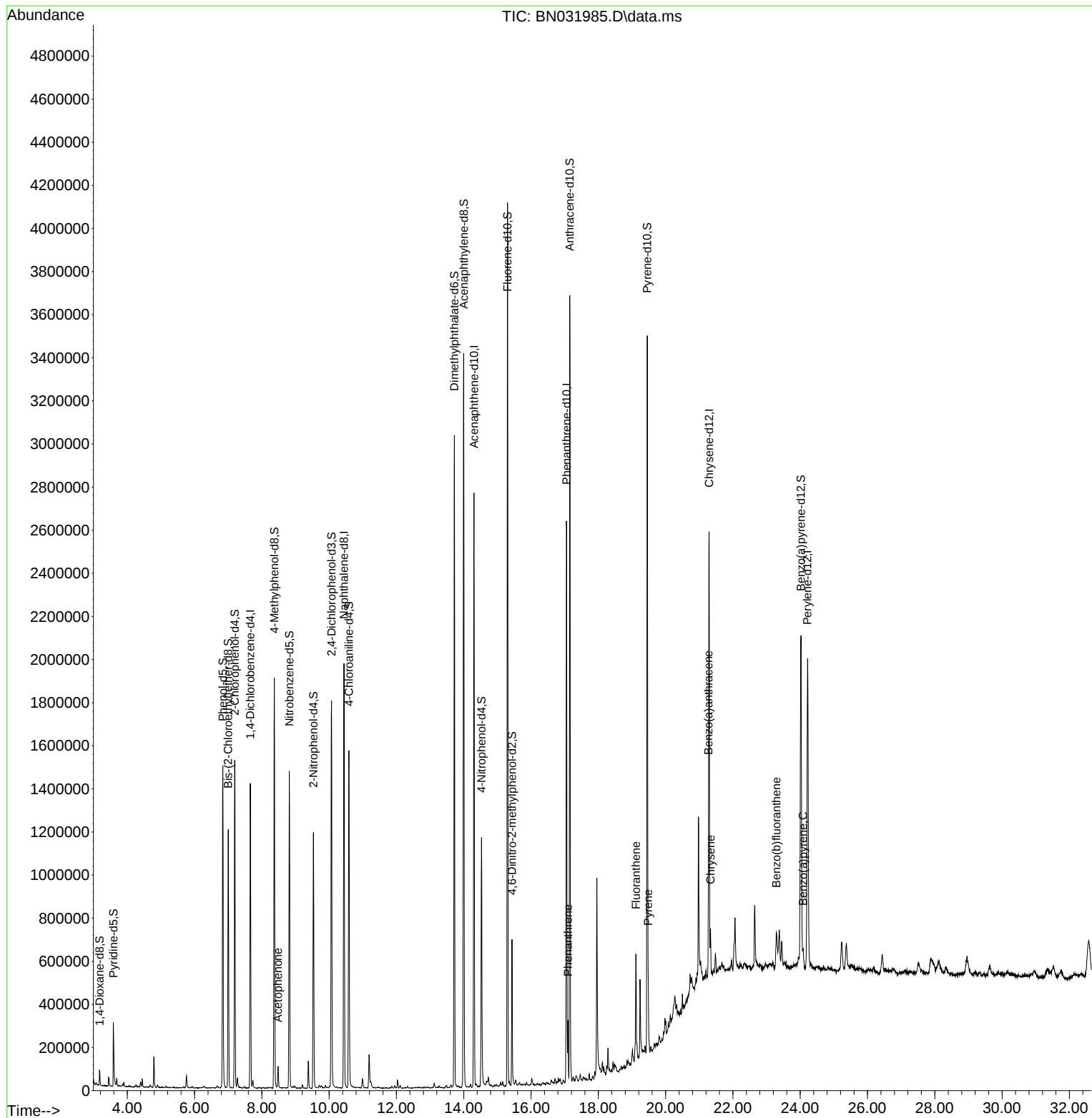
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031985.D
Acq On : 13 Jun 2024 20:14
Operator : MA/JU
Sample : P2663-09
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ALS Vial : 44 Sample Multiplier: 1

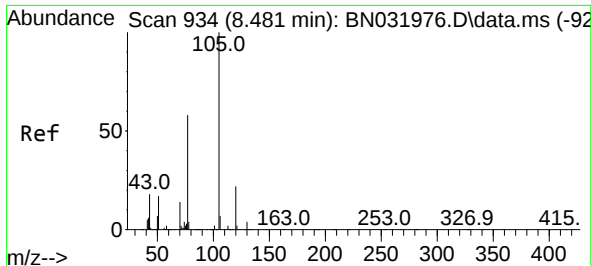
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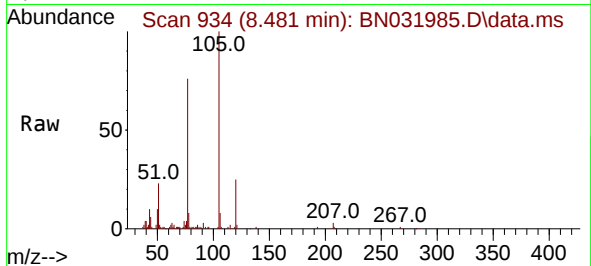
Quant Time: Jun 13 23:10:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.378 ng/ul
RT: 8.481 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN031985.D
Acq: 13 Jun 2024 20:14

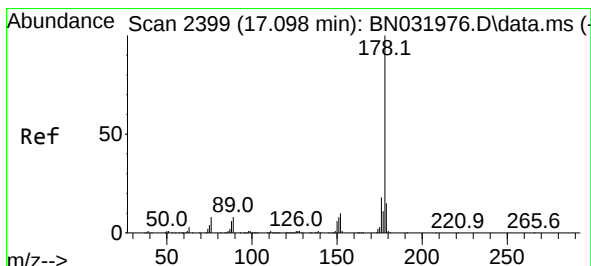
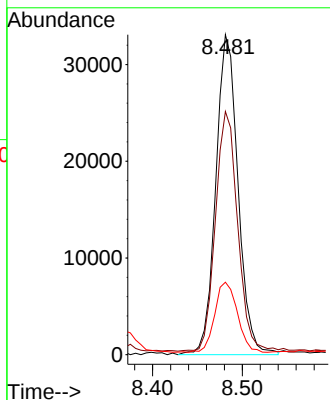
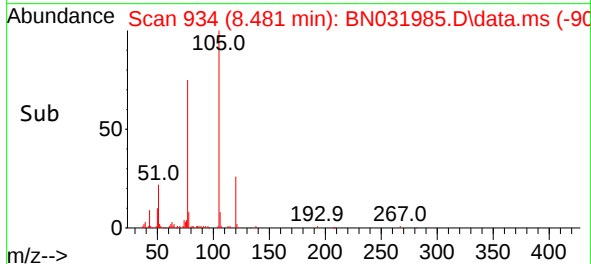
Instrument :
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ClientSampleId :
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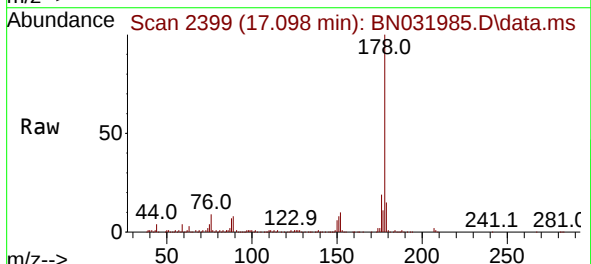
Tgt Ion:105 Resp: 57015
Ion Ratio Lower Upper
105 100
77 76.0 58.6 87.8
51 22.7 17.2 25.8

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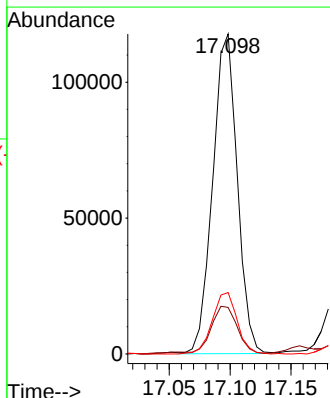
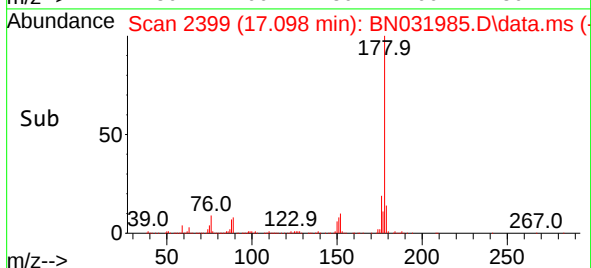
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/14/2024

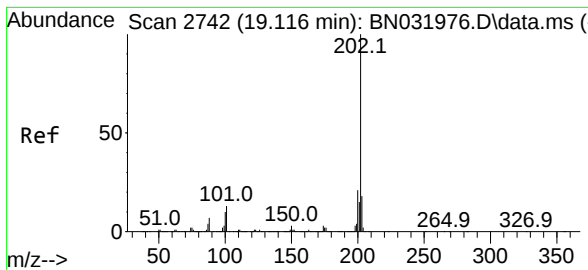


#72
Phenanthrene
Concen: 2.043 ng/ul
RT: 17.098 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BN031985.D
Acq: 13 Jun 2024 20:14



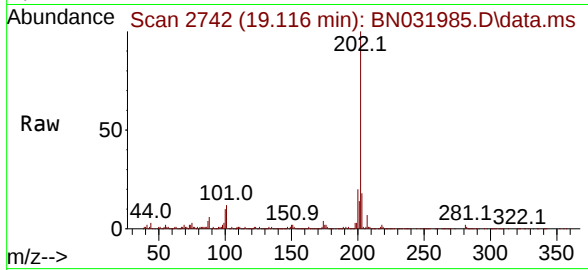
Tgt Ion:178 Resp: 165472
Ion Ratio Lower Upper
178 100
179 14.6 12.6 19.0
176 19.2 15.8 23.6





#80
Fluoranthene
Concen: 3.930 ng/ul
RT: 19.116 min Scan# 2742
Delta R.T. 0.000 min
Lab File: BN031985.D
Acq: 13 Jun 2024 20:14

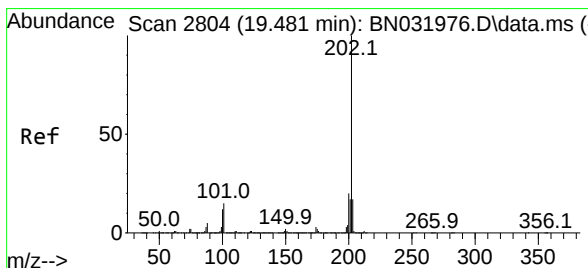
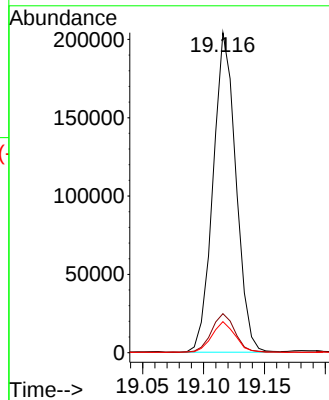
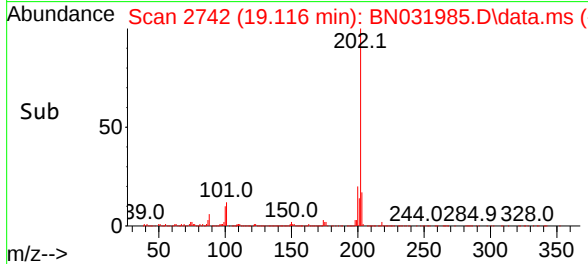
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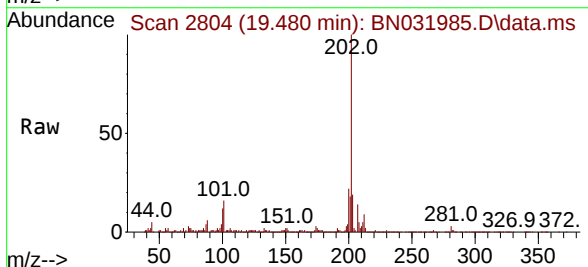
Tgt Ion:202 Resp: 266619
Ion Ratio Lower Upper
202 100
101 12.2 10.3 15.5
100 9.7 8.0 12.0

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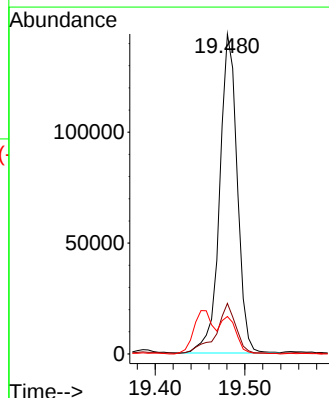
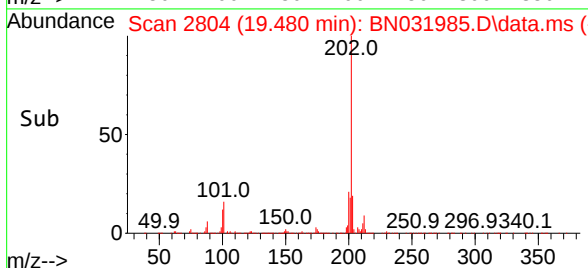
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/14/2024

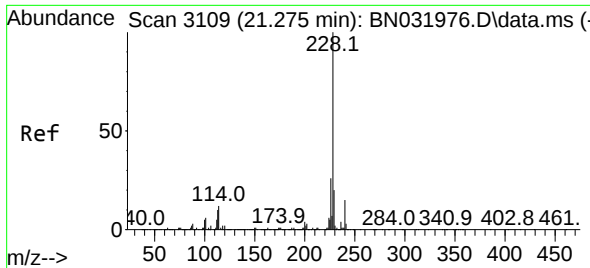


#82
Pyrene
Concen: 2.808 ng/ul
RT: 19.480 min Scan# 2804
Delta R.T. -0.006 min
Lab File: BN031985.D
Acq: 13 Jun 2024 20:14



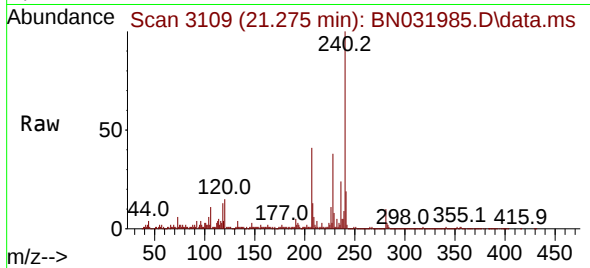
Tgt Ion:202 Resp: 195461
Ion Ratio Lower Upper
202 100
101 15.8 12.6 18.8
100 11.7 10.2 15.2





#85
Benzo(a)anthracene
Concen: 1.781 ng/ul
RT: 21.275 min Scan# 3109
Delta R.T. 0.000 min
Lab File: BN031985.D
Acq: 13 Jun 2024 20:14

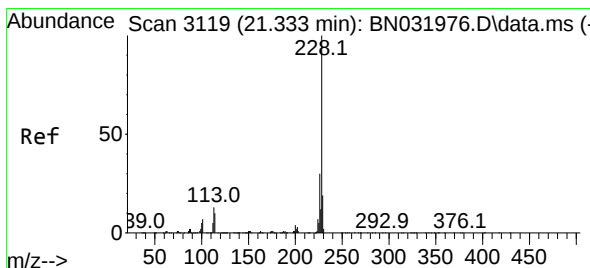
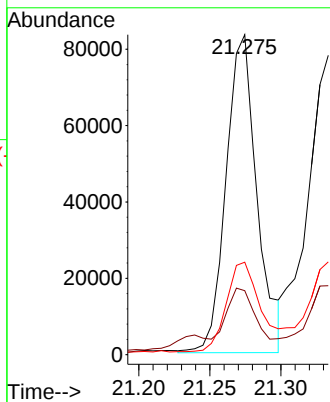
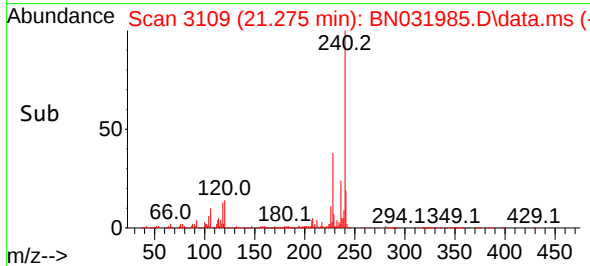
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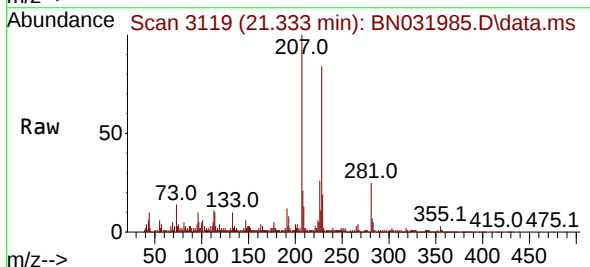
Tgt Ion:228 Resp: 126479
Ion Ratio Lower Upper
228 100
229 20.0 16.7 25.1
226 28.9 22.8 34.2

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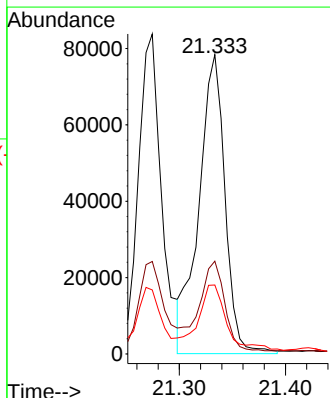
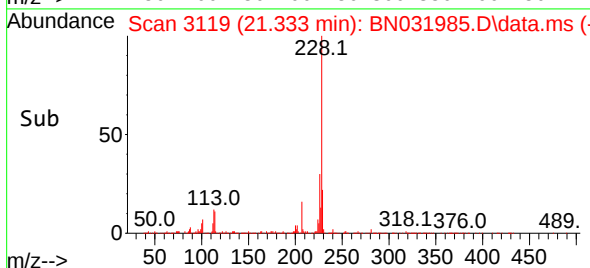
Reviewed By :Jagrut Upadhyay 06/14/2024
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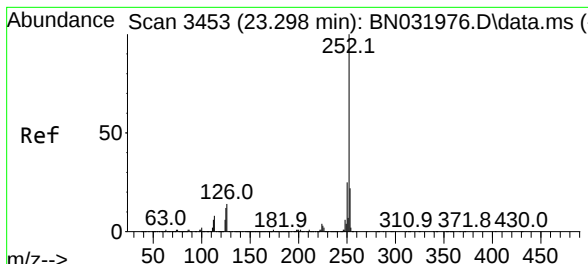


#87
Chrysene
Concen: 2.020 ng/ul m
RT: 21.333 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN031985.D
Acq: 13 Jun 2024 20:14



Tgt Ion:228 Resp: 133968
Ion Ratio Lower Upper
228 100
226 31.0 23.7 35.5
229 23.1 15.1 22.7#





#90
 Benzo(b)fluoranthene
 Concen: 2.254 ng/uI
 RT: 23.292 min Scan# 3453
 Delta R.T. 0.000 min
 Lab File: BN031985.D
 Acq: 13 Jun 2024 20:14

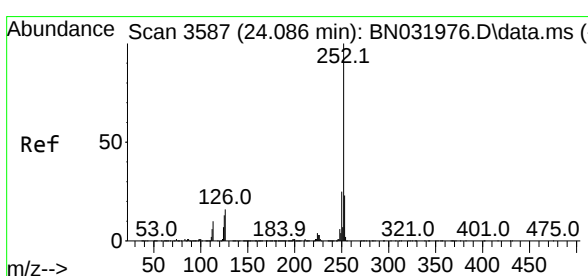
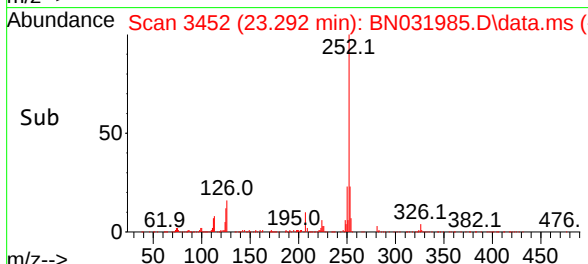
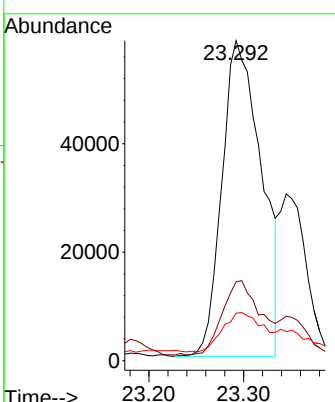
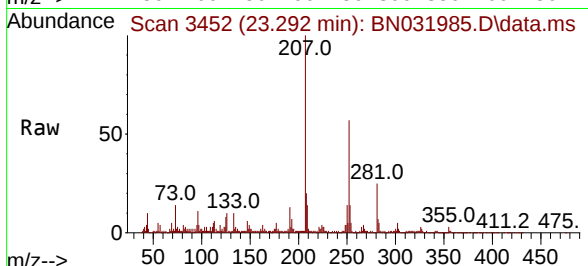
Instrument : BNA_N
 ClientSampleId : BH696

Tgt Ion:252 Resp: 16875

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.0	25.6
125	14.8	9.2	13.8

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#93
 Benzo(a)pyrene
 Concen: 1.019 ng/uI
 RT: 24.080 min Scan# 3586
 Delta R.T. 0.000 min
 Lab File: BN031985.D
 Acq: 13 Jun 2024 20:14

Tgt Ion:252 Resp: 71426

Ion	Ratio	Lower	Upper
252	100		
253	26.3	16.6	24.8#
125	17.4	9.8	14.8#

