

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031987.D
 Acq On : 13 Jun 2024 21:33
 Operator : MA/JU
 Sample : P2695-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BJ0

Manual Integrations
 APPROVED

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

Quant Time: Jun 13 23:13:57 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	7.657	152	348747	20.000	ng/u1	0.00
20) Naphthalene-d8	10.439	136	1466579	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	850470	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1476508	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1118546	20.000	ng/u1	0.00
88) Perylene-d12	24.227	264	1322785	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	32385	3.842	ng/uL	0.00
4) Pyridine-d5	3.587	84	114002	4.804	ng/u1	0.00
7) Phenol-d5	6.840	99	735273	24.593	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.998	67	418862	23.952	ng/u1	0.00
11) 2-Chlorophenol-d4	7.192	132	604019	26.478	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	604245	24.794	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	305600	27.253	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	322388	27.832	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	557518	25.781	ng/u1	0.00
31) 4-Chloroaniline-d4	10.586	131	743776	23.165	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	1590213	26.840	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	1848222	27.129	ng/u1	0.00
54) 4-Nitrophenol-d4	14.527	143	224121	18.893	ng/u1	0.00
60) Fluorene-d10	15.298	176	1260296	25.140	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.433	200	107571	14.494	ng/u1	0.00
73) Anthracene-d10	17.151	188	1674429	26.489	ng/u1	0.00
81) Pyrene-d10	19.457	212	1570661	26.241	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	1178214	18.653	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.098	178	463701	6.165	ng/u1	99
74) Anthracene	17.186	178	92441	1.213	ng/u1	97
80) Fluoranthene	19.115	202	494732	6.916	ng/u1	98
82) Pyrene	19.480	202	369424	5.033	ng/u1	98
85) Benzo(a)anthracene	21.274	228	210956	2.818	ng/u1	97
87) Chrysene	21.333	228	206747	2.956	ng/u1	95
90) Benzo(b)fluoranthene	23.292	252	220527	2.789	ng/u1	96
91) Benzo(k)fluoranthene	23.350	252	88628m	1.142	ng/u1	
93) Benzo(a)pyrene	24.080	252	97547	1.317	ng/u1#	96

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

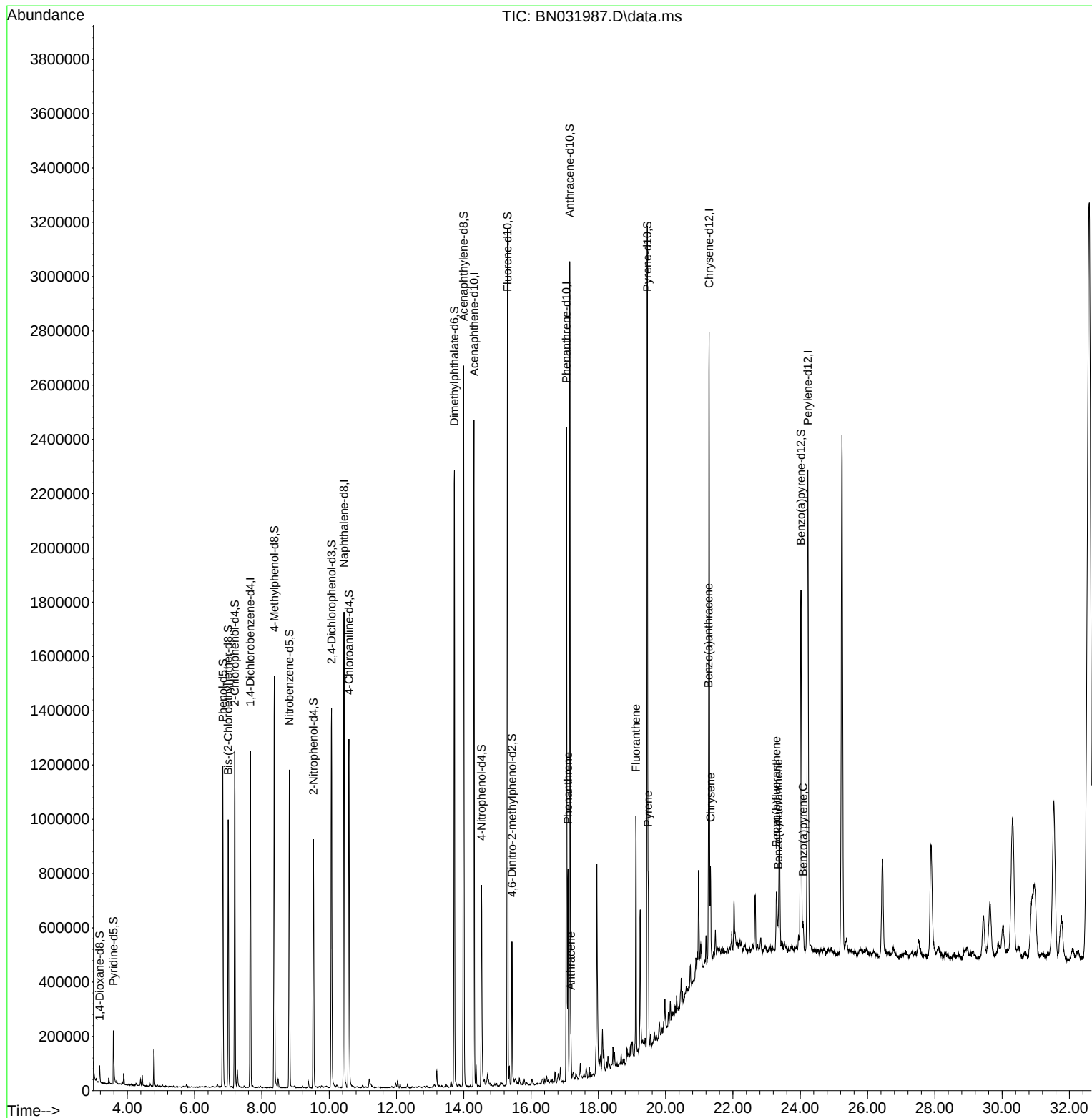
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031987.D
Acq On : 13 Jun 2024 21:33
Operator : MA/JU
Sample : P2695-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

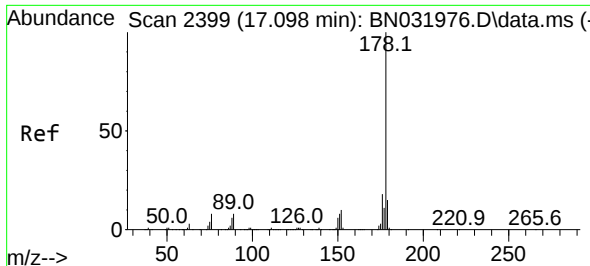
Instrument :
BNA_N
ClientSampleId :
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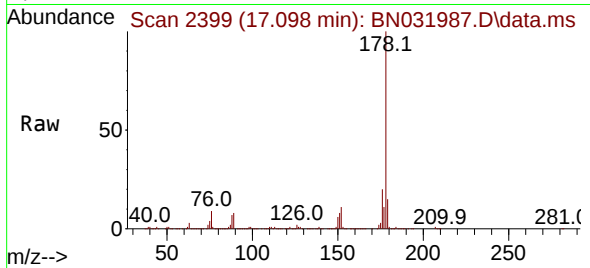
Quant Time: Jun 13 23:13:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 6.165 ng/ul
RT: 17.098 min Scan# 2399
Delta R.T. -0.000 min
Lab File: BN031987.D
Acq: 13 Jun 2024 21:33

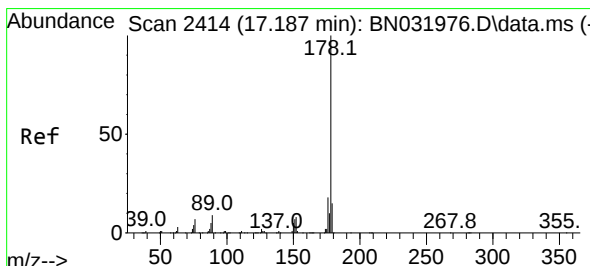
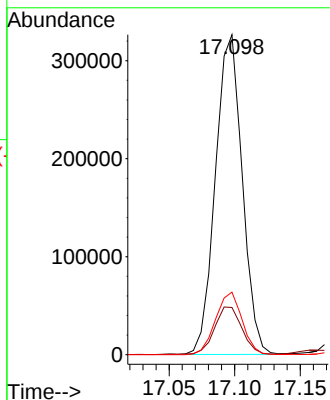
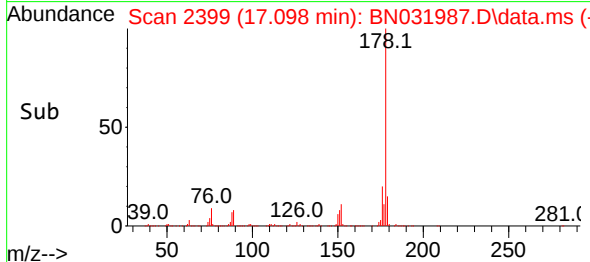
Instrument :
BNA_N
ClientSampleId :
A4BJ0



Tgt Ion:178 Resp: 46370
Ion Ratio Lower Upper
178 100
179 14.7 12.6 19.0
176 19.5 15.8 23.6

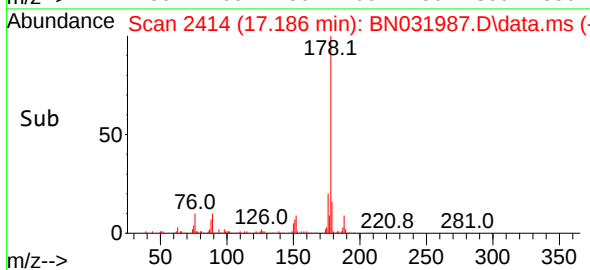
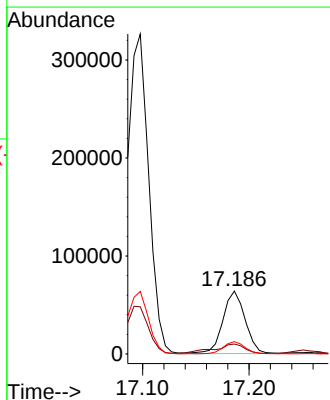
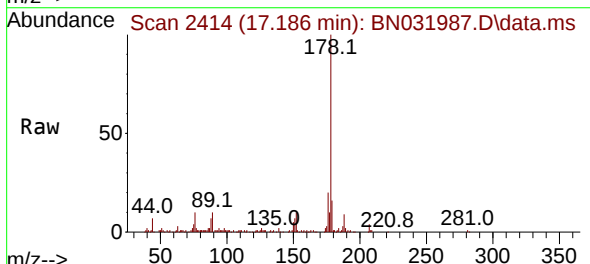
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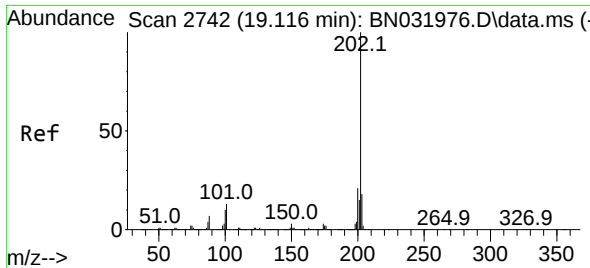
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/14/2024



#74
Anthracene
Concen: 1.213 ng/ul
RT: 17.186 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BN031987.D
Acq: 13 Jun 2024 21:33

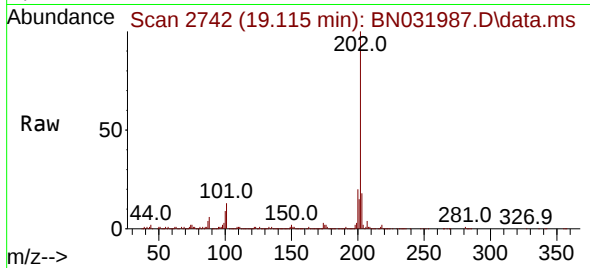
Tgt Ion:178 Resp: 92441
Ion Ratio Lower Upper
178 100
179 15.9 11.8 17.6
176 19.7 14.8 22.2





#80
Fluoranthene
Concen: 6.916 ng/u1
RT: 19.115 min Scan# 2742
Delta R.T. -0.000 min
Lab File: BN031987.D
Acq: 13 Jun 2024 21:33

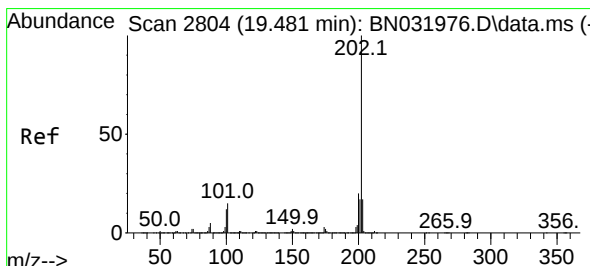
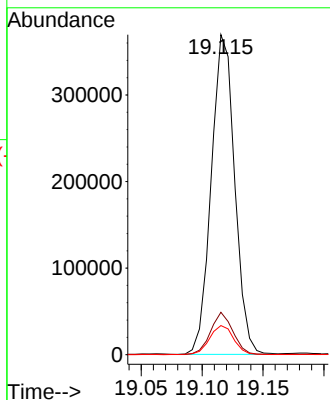
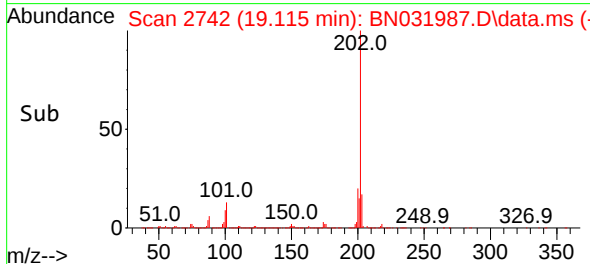
Instrument :
BNA_N
ClientSampleId :
A4BJ0



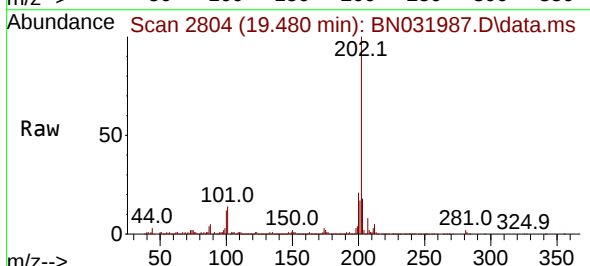
Tgt Ion:202 Resp: 494732
Ion Ratio Lower Upper
202 100
101 13.3 10.3 15.5
100 9.1 8.0 12.0

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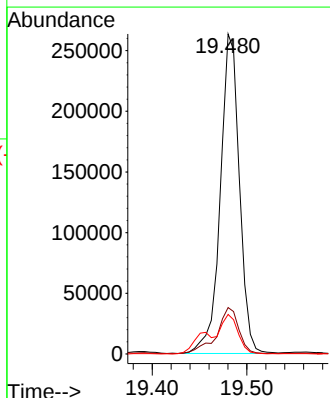
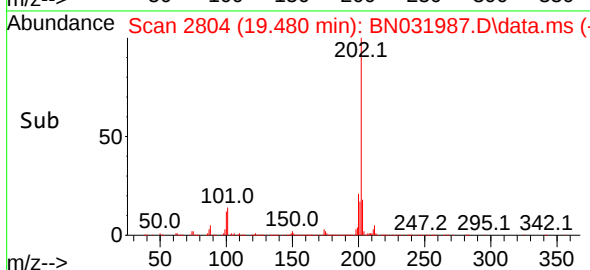
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/14/2024

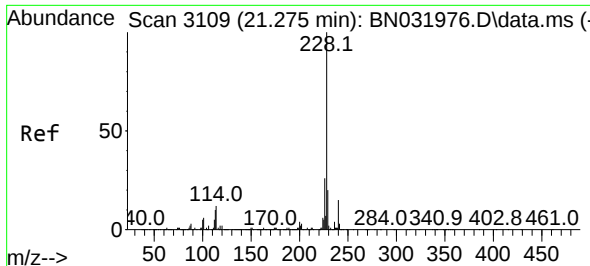


#82
Pyrene
Concen: 5.033 ng/u1
RT: 19.480 min Scan# 2804
Delta R.T. -0.006 min
Lab File: BN031987.D
Acq: 13 Jun 2024 21:33



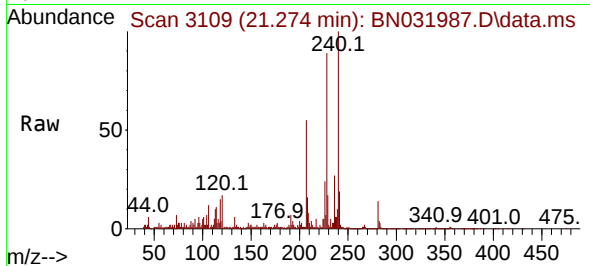
Tgt Ion:202 Resp: 369424
Ion Ratio Lower Upper
202 100
101 14.5 12.6 18.8
100 12.3 10.2 15.2





#85
Benzo(a)anthracene
Concen: 2.818 ng/ul
RT: 21.274 min Scan# 3109
Delta R.T. -0.000 min
Lab File: BN031987.D
Acq: 13 Jun 2024 21:33

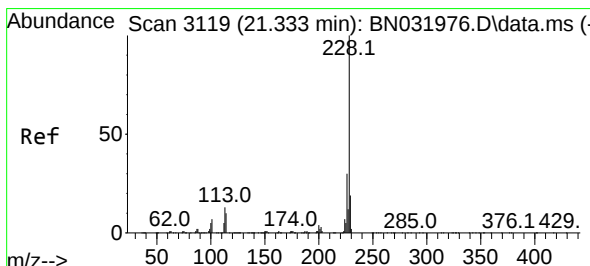
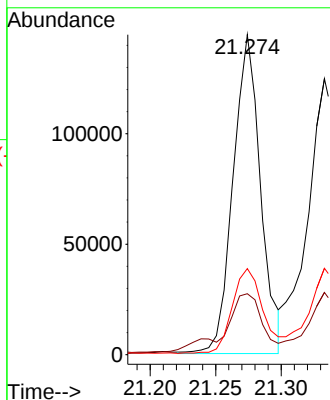
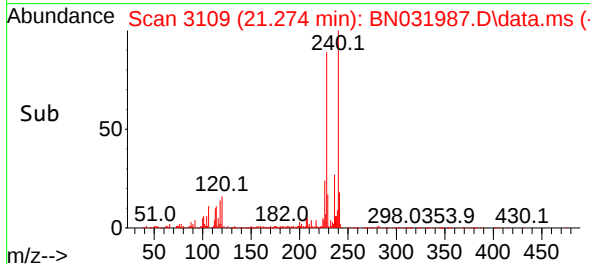
Instrument :
BNA_N
ClientSampleId :
A4BJ0



Tgt Ion:228 Resp: 210950
Ion Ratio Lower Upper
228 100
229 19.1 16.7 25.1
226 26.9 22.8 34.2

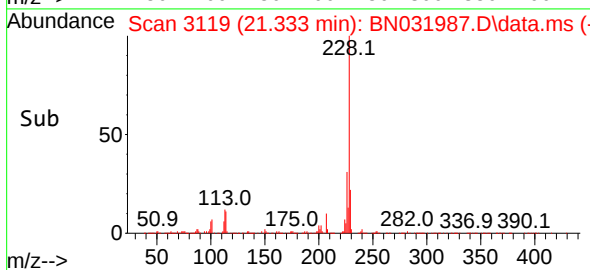
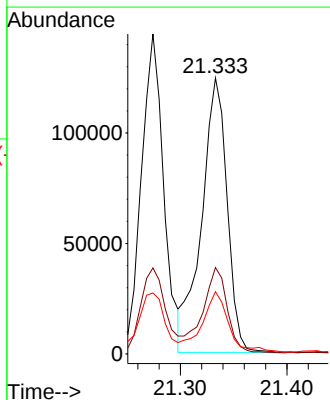
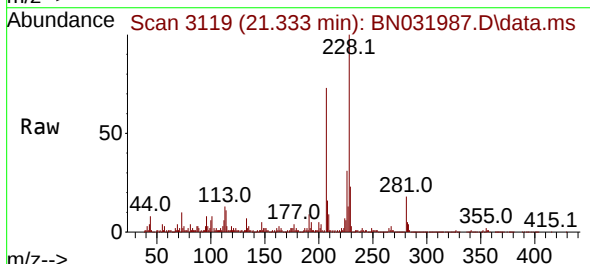
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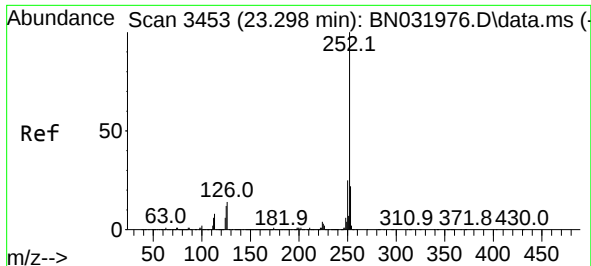
Reviewed By :Jagrut Upadhyay 06/14/2024
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#87
Chrysene
Concen: 2.956 ng/ul
RT: 21.333 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BN031987.D
Acq: 13 Jun 2024 21:33

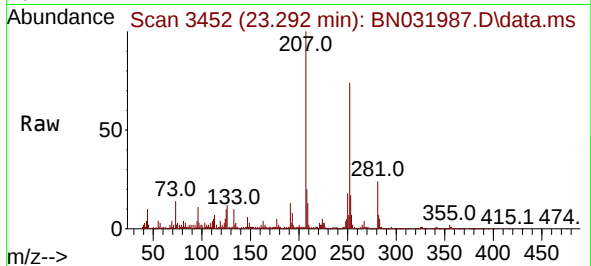
Tgt Ion:228 Resp: 206747
Ion Ratio Lower Upper
228 100
226 31.3 23.7 35.5
229 22.6 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 2.789 ng/ul
RT: 23.292 min Scan# 3453
Delta R.T. -0.000 min
Lab File: BN031987.D
Acq: 13 Jun 2024 21:33

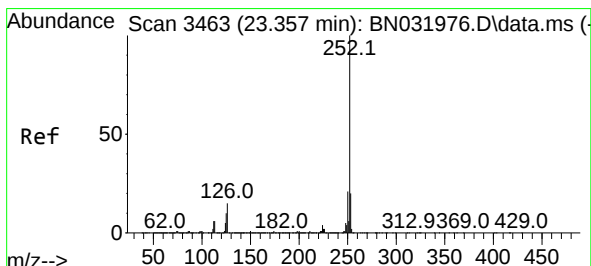
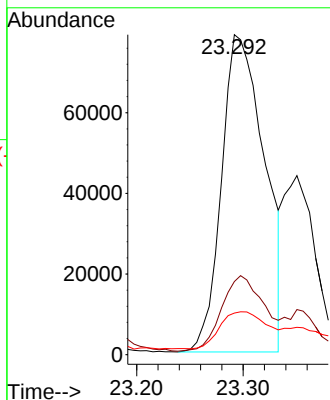
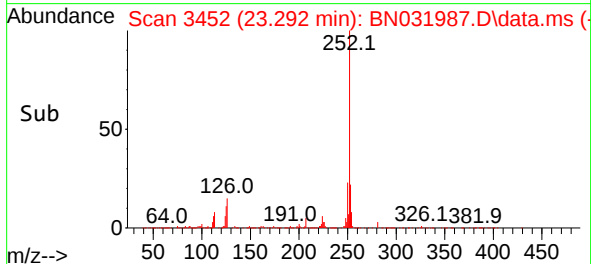
Instrument :
BNA_N
ClientSampleId :
A4BJ0



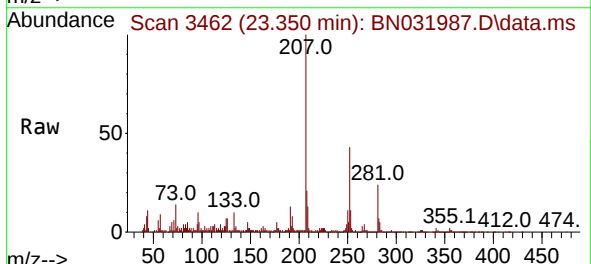
Tgt Ion:252 Resp: 22052
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 13.0 9.2 13.8

Manual Integrations
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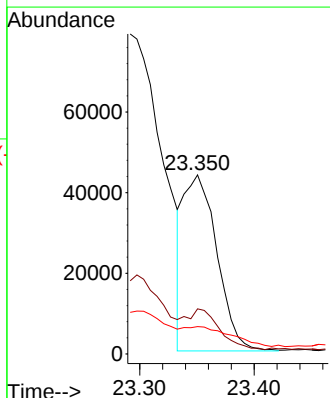
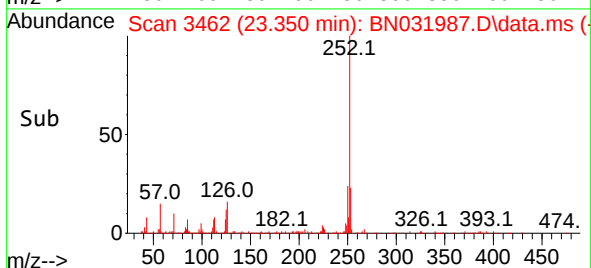
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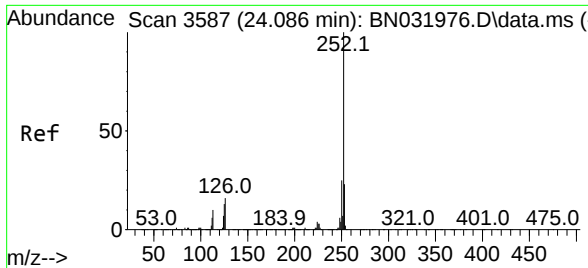


#91
Benzo(k)fluoranthene
Concen: 1.142 ng/ul m
RT: 23.350 min Scan# 3462
Delta R.T. -0.000 min
Lab File: BN031987.D
Acq: 13 Jun 2024 21:33



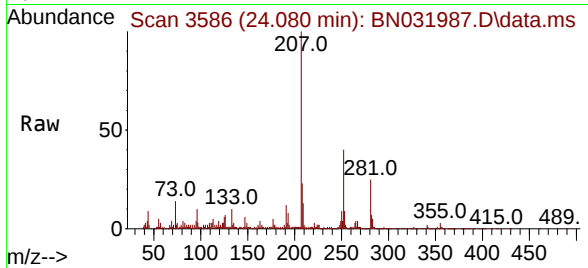
Tgt Ion:252 Resp: 88628
Ion Ratio Lower Upper
252 100
253 25.2 17.6 26.4
125 15.3 9.4 14.2#





#93
Benzo(a)pyrene
Concen: 1.317 ng/ul
RT: 24.080 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN031987.D
Acq: 13 Jun 2024 21:33

Instrument :
BNA_N
ClientSampleId :
A4BJ0



Tgt Ion:252 Resp: 9754
Ion Ratio Lower Upper
252 100
253 21.5 16.6 24.8
125 15.5 9.8 14.8

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