

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031966.D
 Acq On : 13 Jun 2024 07:45
 Operator : MA/JU
 Sample : P2648-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHC47

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024

Quant Time: Jun 13 08:15:15 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	405064	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1660082	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	958412	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1562293	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1059928	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	1261429	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	35574	3.633	ng/uL	0.00
4) Pyridine-d5	3.599	84	31916	1.158	ng/u1	0.02
7) Phenol-d5	6.840	99	779202	22.439	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	469771	23.128	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	659460	24.889	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	477557	16.871	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	334735	26.372	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	352535	26.887	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	574323	23.463	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	484141	13.321	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	1662726	24.903	ng/u1	0.00
49) Acenaphthylene-d8	13.992	160	1887621	24.587	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	213763	15.990	ng/u1	0.00
60) Fluorene-d10	15.298	176	1316922	23.311	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	119437	15.209	ng/u1	0.00
73) Anthracene-d10	17.151	188	1621384	24.241	ng/u1	0.00
81) Pyrene-d10	19.451	212	1379058	24.314	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.015	264	1013695	16.829	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.098	178	254812	3.202	ng/u1	98
80) Fluoranthene	19.116	202	497740	7.343	ng/u1	99
82) Pyrene	19.480	202	374818	5.389	ng/u1	98
85) Benzo(a)anthracene	21.274	228	208032	2.932	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	63144	1.319	ng/u1	99
87) Chrysene	21.333	228	224505	3.388	ng/u1	97
90) Benzo(b)fluoranthene	23.292	252	304505	4.039	ng/u1#	94
91) Benzo(k)fluoranthene	23.345	252	110565m	1.494	ng/u1	
93) Benzo(a)pyrene	24.080	252	121224	1.717	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	27.509	276	116769	1.435	ng/u1	99

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

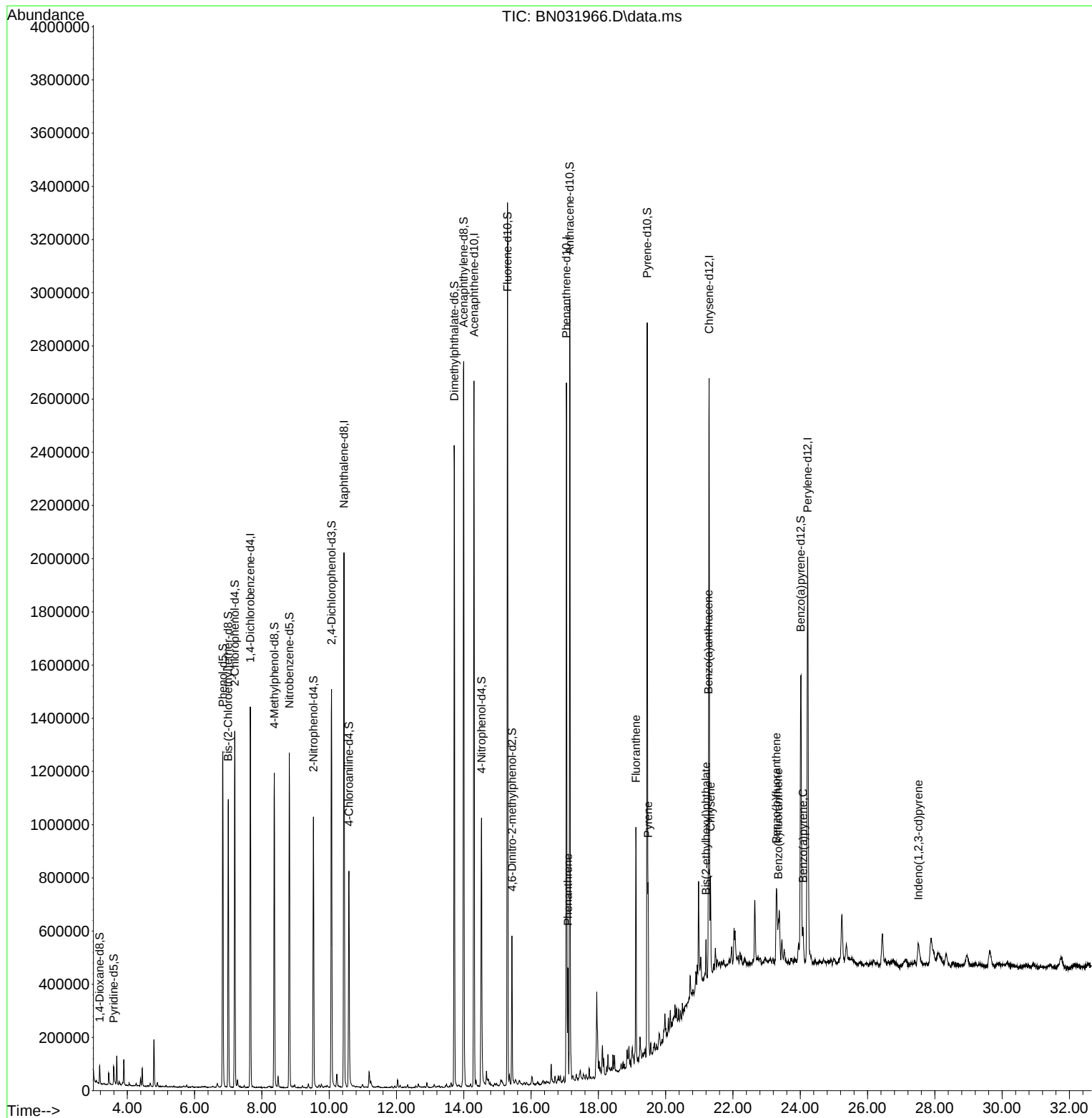
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
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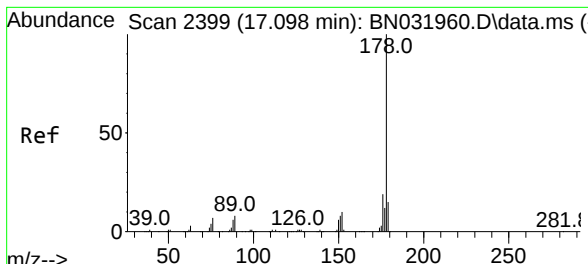
Instrument :
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ClientSampleId :
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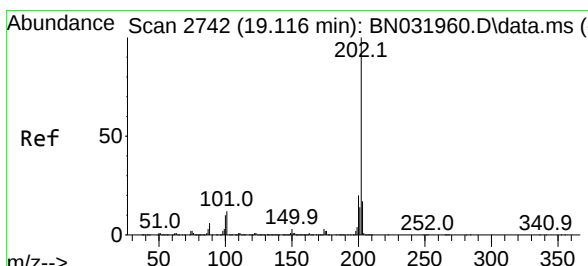
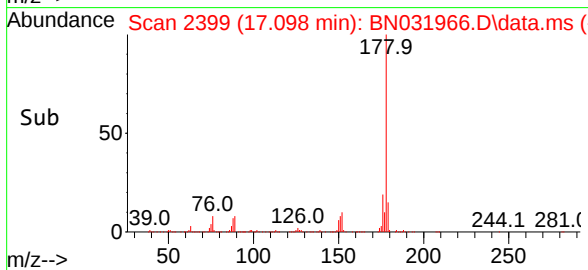
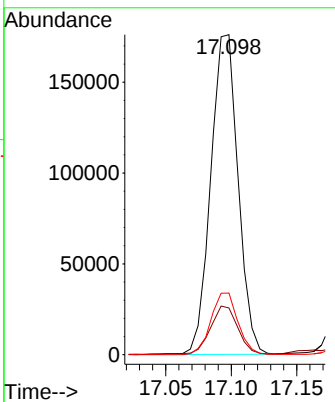
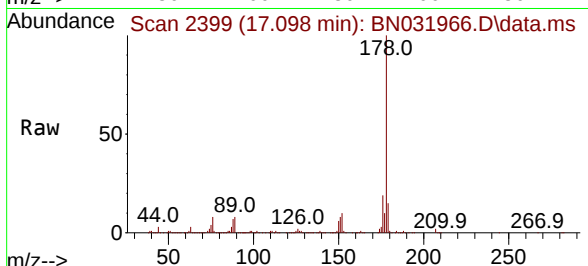
#72
 Phenanthrene
 Concen: 3.202 ng/ul
 RT: 17.098 min Scan# 2399
 Delta R.T. 0.000 min
 Lab File: BN031966.D
 Acq: 13 Jun 2024 07:45

Instrument : BNA_N
 ClientSampleId : BHC47

Tgt Ion:	178	Resp:	25481
Ion Ratio	Lower	Upper	
178	100		
179	14.6	12.6	19.0
176	19.2	15.8	23.6

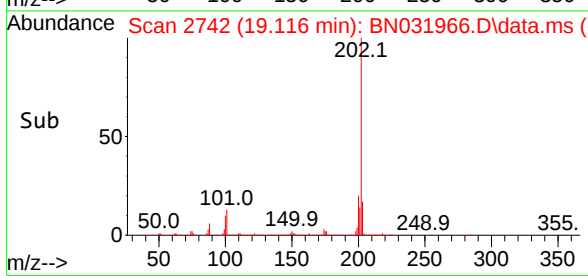
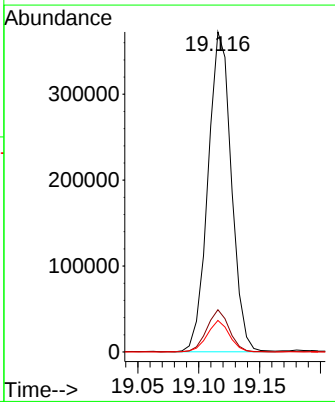
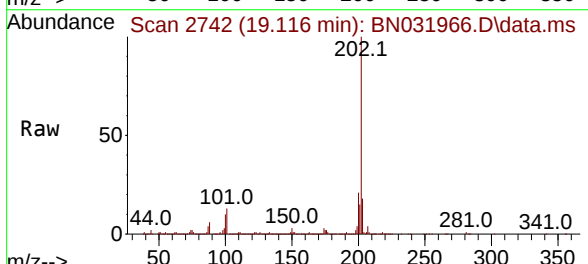
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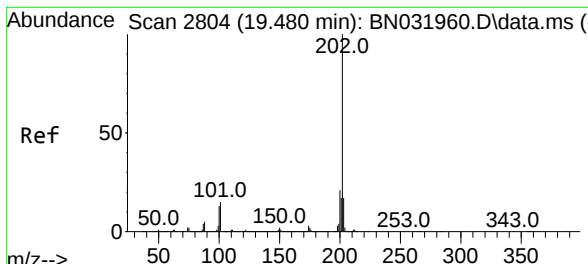
Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024



#80
 Fluoranthene
 Concen: 7.343 ng/ul
 RT: 19.116 min Scan# 2742
 Delta R.T. 0.000 min
 Lab File: BN031966.D
 Acq: 13 Jun 2024 07:45

Tgt Ion:	202	Resp:	497740
Ion Ratio	Lower	Upper	
202	100		
101	13.2	10.3	15.5
100	9.8	8.0	12.0





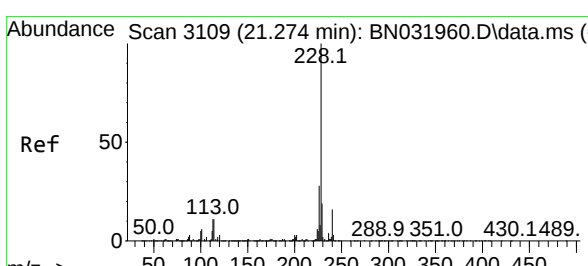
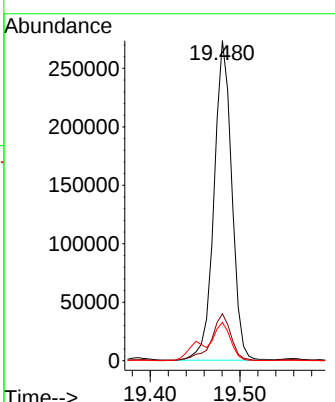
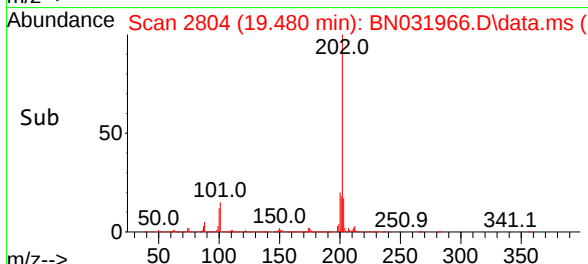
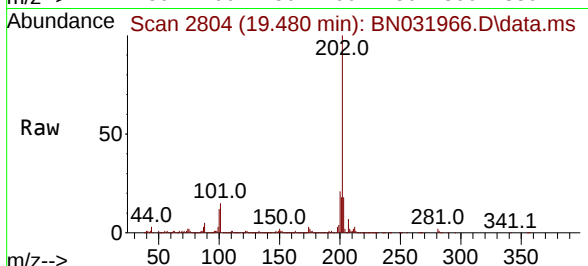
#82
 Pyrene
 Concen: 5.389 ng/ul
 RT: 19.480 min Scan# 2108
 Delta R.T. -0.006 min
 Lab File: BN031966.D
 Acq: 13 Jun 2024 07:45

Instrument : BNA_N
 ClientSampleId : BHC47

Tgt Ion:	202	Resp:	374818
Ion Ratio	Lower	Upper	
202	100		
101	14.7	12.6	18.8
100	12.0	10.2	15.2

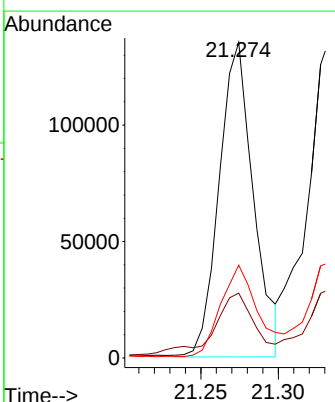
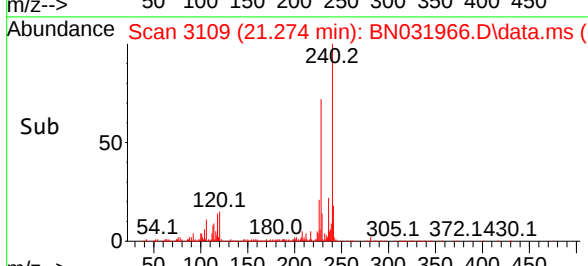
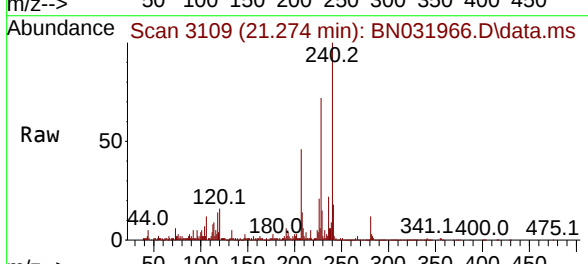
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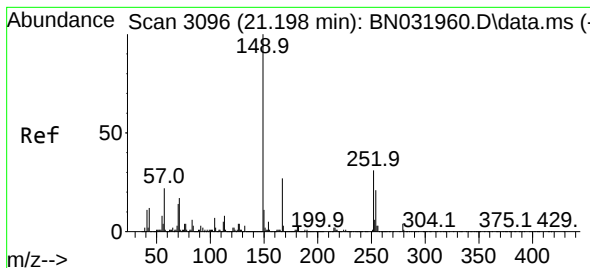
Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024



#85
 Benzo(a)anthracene
 Concen: 2.932 ng/ul
 RT: 21.274 min Scan# 3109
 Delta R.T. 0.000 min
 Lab File: BN031966.D
 Acq: 13 Jun 2024 07:45

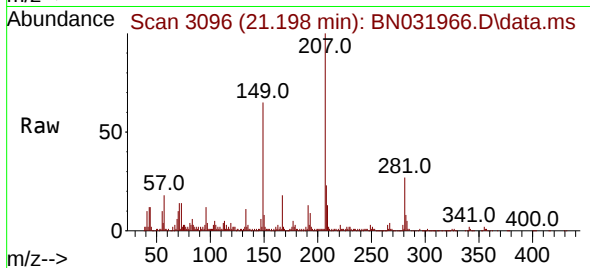
Tgt Ion:	228	Resp:	208032
Ion Ratio	Lower	Upper	
228	100		
229	20.5	16.7	25.1
226	29.4	22.8	34.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.319 ng/ul
RT: 21.198 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BN031966.D
Acq: 13 Jun 2024 07:45

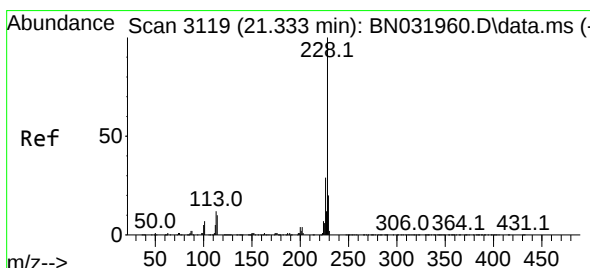
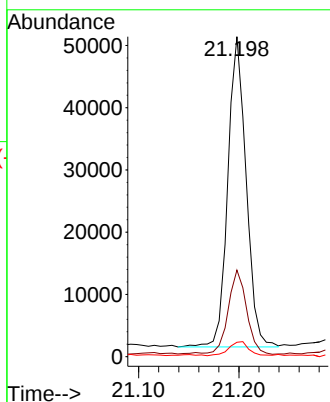
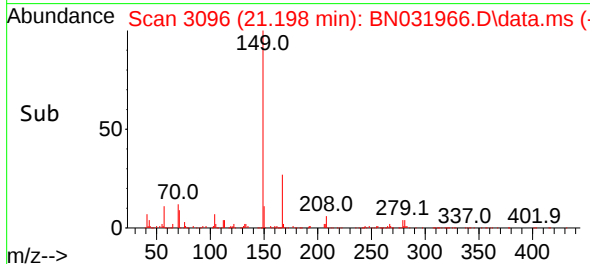
Instrument : BNA_N
ClientSampleId : BHC47



Tgt Ion:149 Resp: 63144
Ion Ratio Lower Upper
149 100
167 27.1 21.4 32.0
279 4.5 3.3 4.9

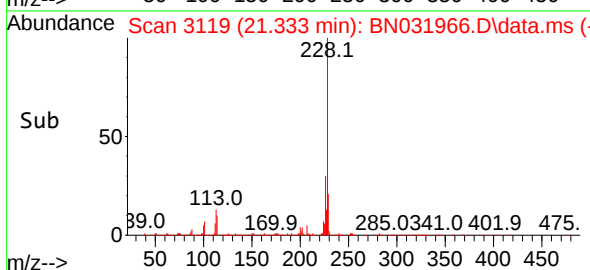
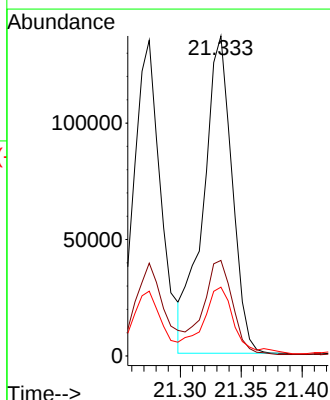
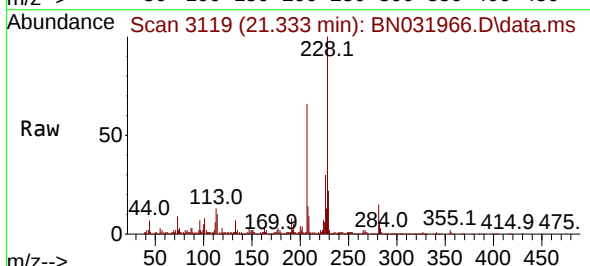
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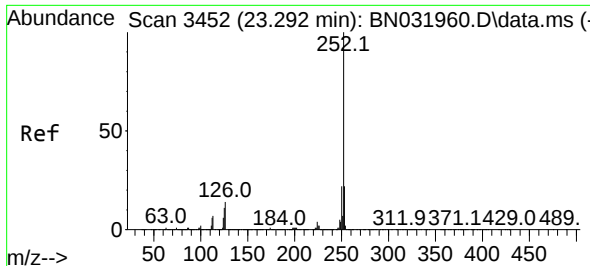
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#87
Chrysene
Concen: 3.388 ng/ul
RT: 21.333 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN031966.D
Acq: 13 Jun 2024 07:45

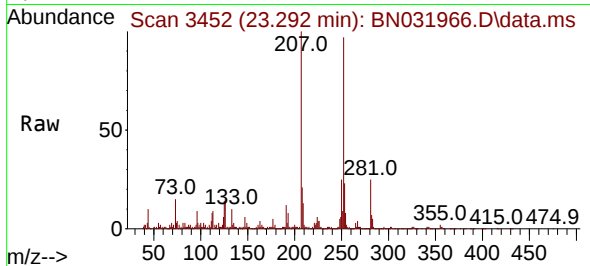
Tgt Ion:228 Resp: 224505
Ion Ratio Lower Upper
228 100
226 29.9 23.7 35.5
229 21.5 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 4.039 ng/ul
RT: 23.292 min Scan# 3452
Delta R.T. 0.000 min
Lab File: BN031966.D
Acq: 13 Jun 2024 07:45

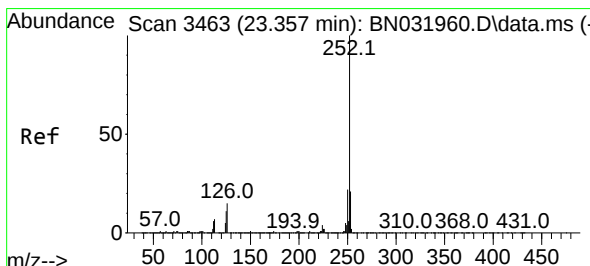
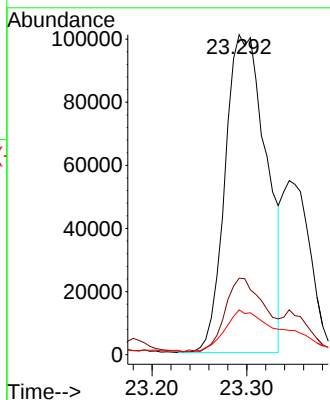
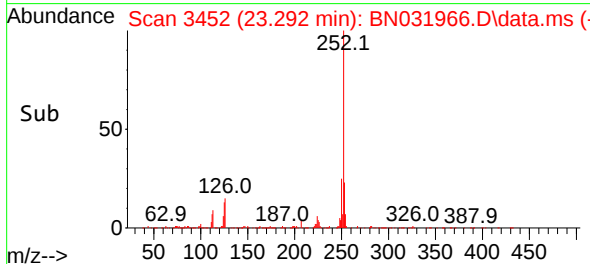
Instrument :
BNA_N
ClientSampleId :
BHC47



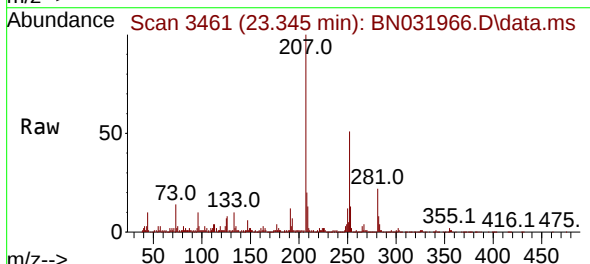
Tgt Ion:252 Resp: 30450
Ion Ratio Lower Upper
252 100
253 23.9 17.0 25.6
125 14.0 9.2 13.8

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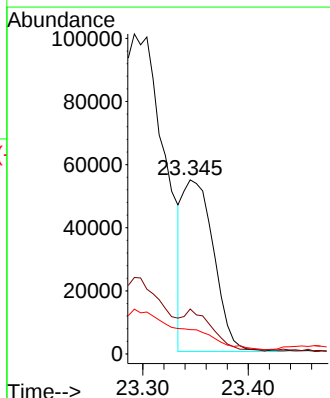
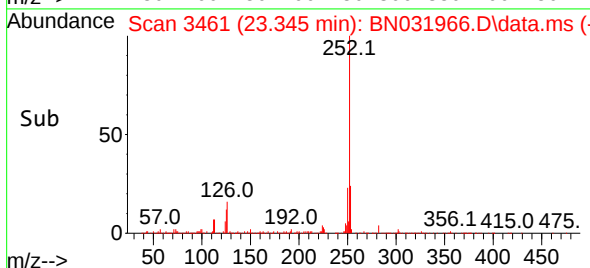
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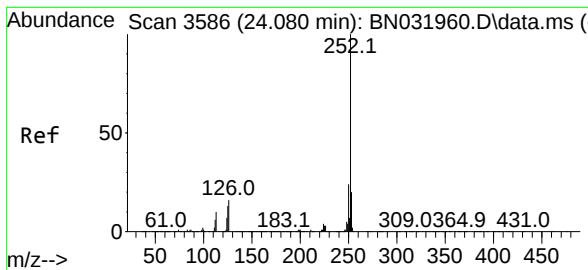


#91
Benzo(k)fluoranthene
Concen: 1.494 ng/ul m
RT: 23.345 min Scan# 3461
Delta R.T. -0.006 min
Lab File: BN031966.D
Acq: 13 Jun 2024 07:45



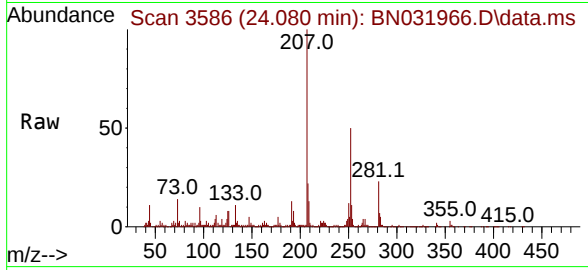
Tgt Ion:252 Resp: 110565
Ion Ratio Lower Upper
252 100
253 25.8 17.6 26.4
125 14.0 9.4 14.2





#93
Benzo(a)pyrene
Concen: 1.717 ng/ul
RT: 24.080 min Scan# 31224
Delta R.T. 0.000 min
Lab File: BN031966.D
Acq: 13 Jun 2024 07:45

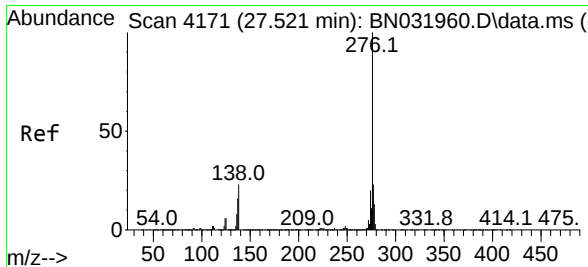
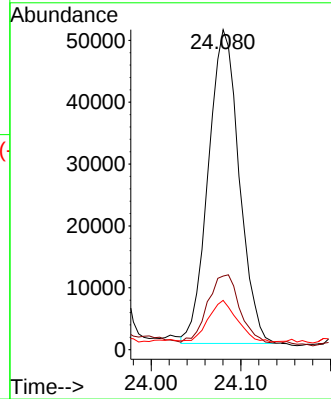
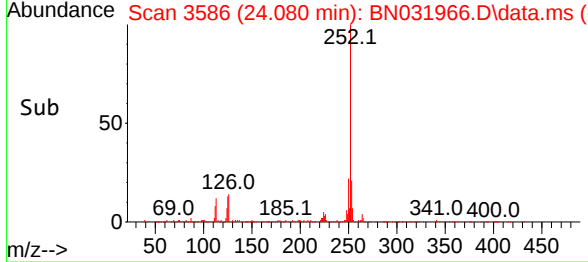
Instrument :
BNA_N
ClientSampleId :
BHC47



Tgt Ion:252 Resp: 121224
Ion Ratio Lower Upper
252 100
253 23.0 16.6 24.8
125 15.4 9.8 14.8

Manual Integrations
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#94
Indeno(1,2,3-cd)pyrene
Concen: 1.435 ng/ul
RT: 27.509 min Scan# 4169
Delta R.T. -0.006 min
Lab File: BN031966.D
Acq: 13 Jun 2024 07:45

Tgt Ion:276 Resp: 116769
Ion Ratio Lower Upper
276 100
138 22.7 18.1 27.1
277 24.0 18.2 27.2

