

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
 Data File : BN023271.D
 Acq On : 17 Dec 2022 10:56
 Operator : CG/JU
 Sample : N5925-16
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYA3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

Quant Time: Dec 19 00:14:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 15 23:22:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	289794	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1348629	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.645	164	884709	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.398	188	2018194	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	1685998	20.000	ng/u1	0.00
88) Perylene-d12	24.039	264	1636990	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	27276	3.894	ng/uL	0.00
4) Pyridine-d5	3.781	84	105862	5.120	ng/u1	0.00
7) Phenol-d5	7.158	99	604584	22.431	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	366098	23.341	ng/u1	0.00
11) 2-Chlorophenol-d4	7.522	132	496222	24.433	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	472076	21.815	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	269994	25.911	ng/u1	0.00
24) 2-Nitrophenol-d4	9.893	143	305083	27.799	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	513778	24.799	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	429980	12.898	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	1751814	26.423	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	1864674	25.079	ng/u1	0.00
54) 4-Nitrophenol-d4	14.840	143	294716	19.903	ng/u1	0.00
60) Fluorene-d10	15.639	176	1476113	26.137	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	231702	19.503	ng/u1	0.00
73) Anthracene-d10	17.498	188	2197025	24.290	ng/u1	0.00
81) Pyrene-d10	19.786	212	2436211	26.563	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.880	264	1833111	22.846	ng/u1	0.00
Target Compounds					Qvalue	
52) Acenaphthene	14.710	153	104769	1.843	ng/u1	98
61) Fluorene	15.692	166	119955	1.872	ng/u1	99
72) Phenanthrene	17.439	178	2188394	20.492	ng/u1	100
74) Anthracene	17.528	178	471172	4.422	ng/u1	99
80) Fluoranthene	19.457	202	3792877	35.558	ng/u1	96
82) Pyrene	19.822	202	2897382	25.858	ng/u1	96
85) Benzo(a)anthracene	21.569	228	1538866	13.623	ng/u1	98
87) Chrysene	21.622	228	1402300	13.155	ng/u1	98
90) Benzo(b)fluoranthene	23.286	252	1721853	16.677	ng/u1	99
91) Benzo(k)fluoranthene	23.327	252	654182m	6.658	ng/u1	
93) Benzo(a)pyrene	23.927	252	1027317	11.578	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.592	276	630862	5.612	ng/u1	95
95) Dibenzo(a,h)anthracene	26.604	278	176047	1.921	ng/u1#	89
96) Benzo(g,h,i)perylene	27.392	276	409000	4.599	ng/u1	100

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

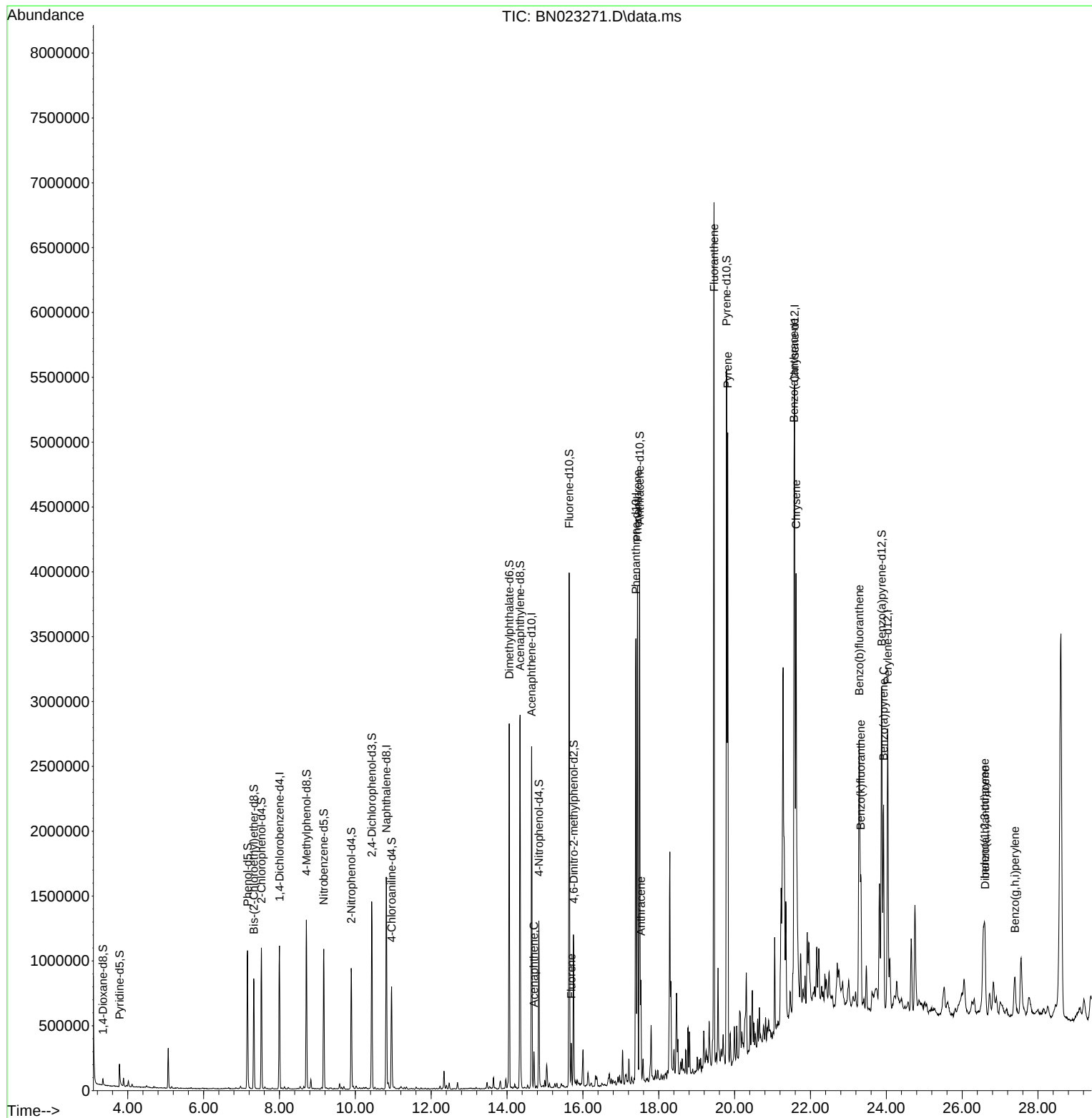
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023271.D
Acq On : 17 Dec 2022 10:56
Operator : CG/JU
Sample : N5925-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

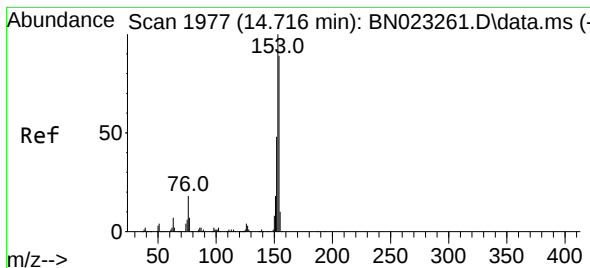
Instrument :
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ClientSampleId :
DBYA3

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#52

Acenaphthene

Concen: 1.843 ng/ul

RT: 14.710 min Scan# 1976

Delta R.T. -0.006 min

Lab File: BN023271.D

Acq: 17 Dec 2022 10:56

Instrument :

BNA_N

ClientSampleId :

DBYA3

Tgt Ion:153 Resp: 104769

Ion Ratio Lower Upper

153 100

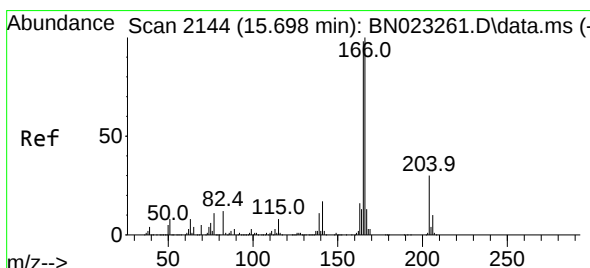
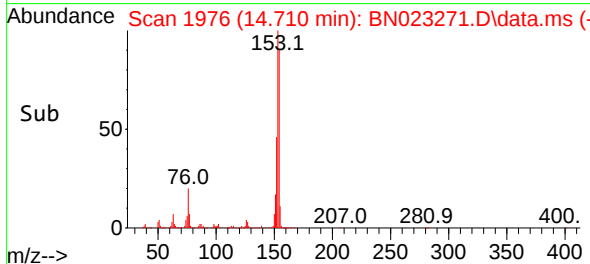
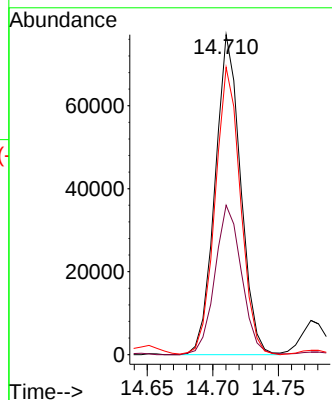
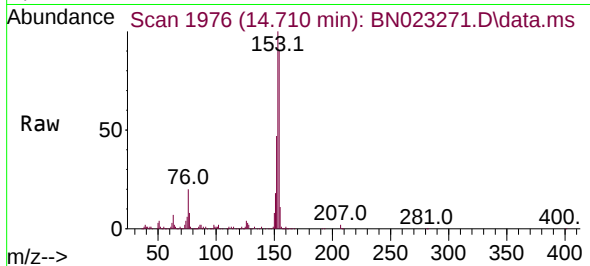
152 46.7 38.9 58.3

154 89.8 70.5 105.7

Manual Integrations

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#61

Fluorene

Concen: 1.872 ng/ul

RT: 15.692 min Scan# 2143

Delta R.T. -0.006 min

Lab File: BN023271.D

Acq: 17 Dec 2022 10:56

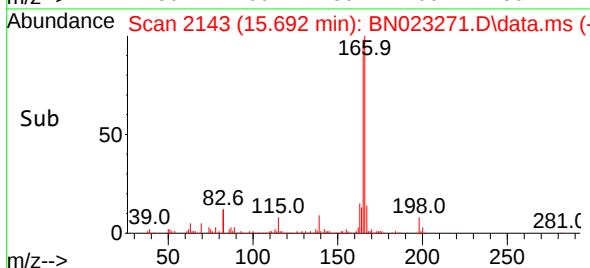
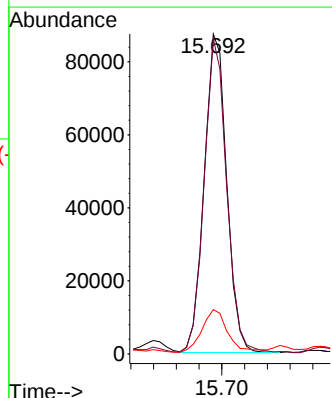
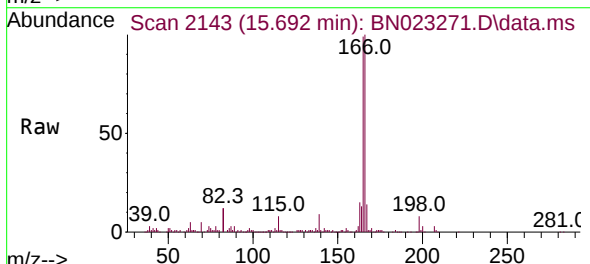
Tgt Ion:166 Resp: 119955

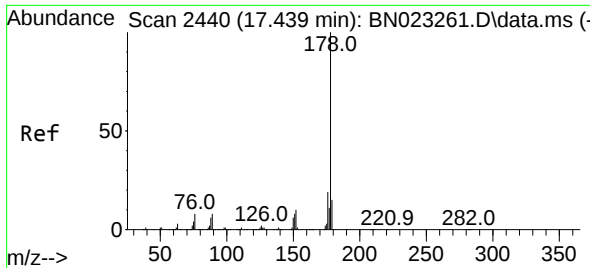
Ion Ratio Lower Upper

166 100

165 98.5 77.8 116.8

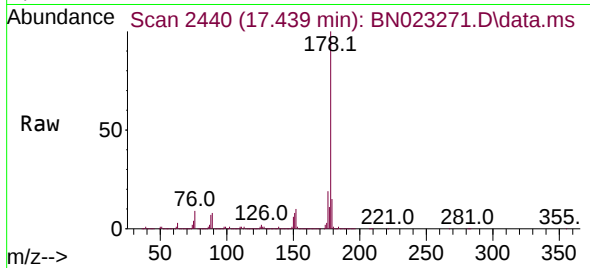
167 13.9 10.6 15.8





#72
Phenanthrene
Concen: 20.492 ng/ul
RT: 17.439 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN023271.D
Acq: 17 Dec 2022 10:56

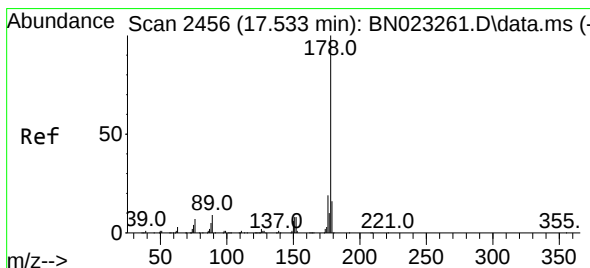
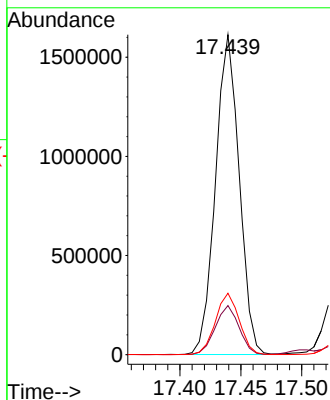
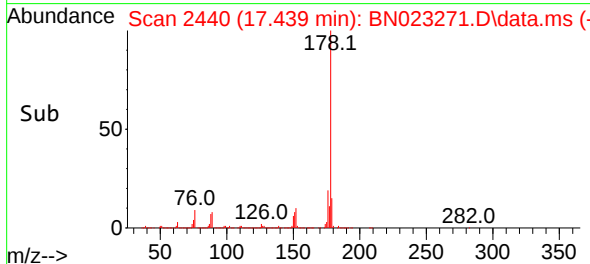
Instrument :
BNA_N
ClientSampleId :
DBYA3



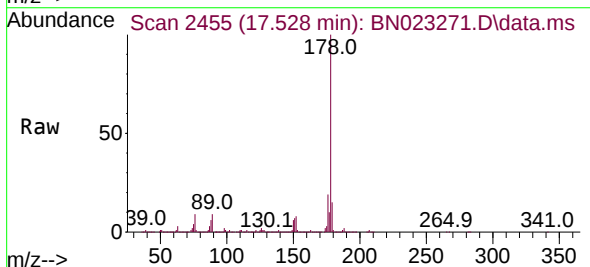
Tgt Ion:178 Resp: 2188394
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.2 15.4 23.0

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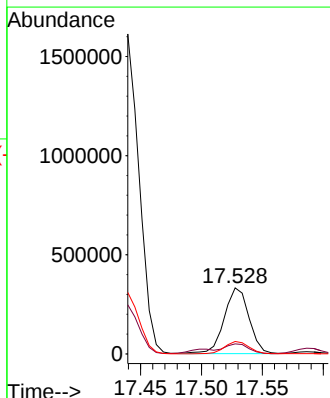
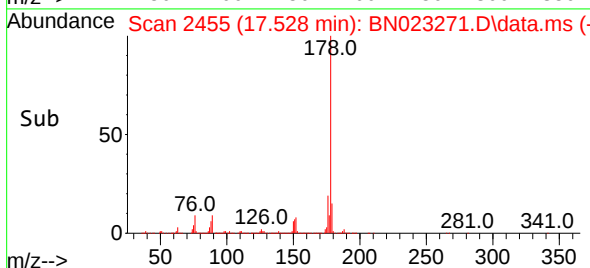
Reviewed By :Jagrut Upadhyay 12/19/2022
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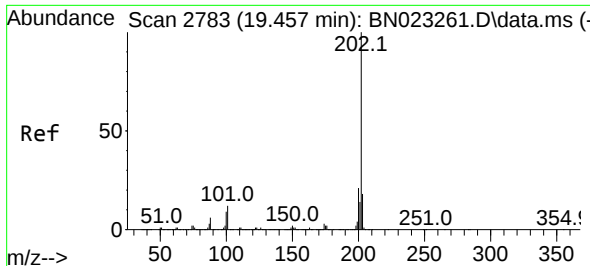


#74
Anthracene
Concen: 4.422 ng/ul
RT: 17.528 min Scan# 2455
Delta R.T. -0.006 min
Lab File: BN023271.D
Acq: 17 Dec 2022 10:56



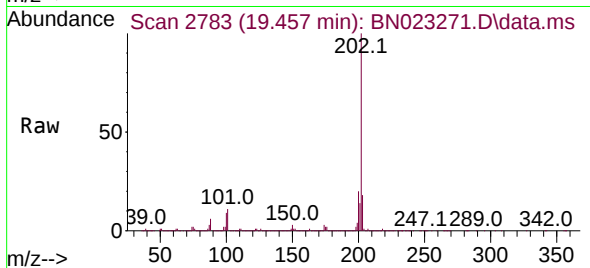
Tgt Ion:178 Resp: 471172
Ion Ratio Lower Upper
178 100
179 15.3 11.8 17.6
176 18.9 14.7 22.1





#80
Fluoranthene
Concen: 35.558 ng/ul
RT: 19.457 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN023271.D
Acq: 17 Dec 2022 10:56

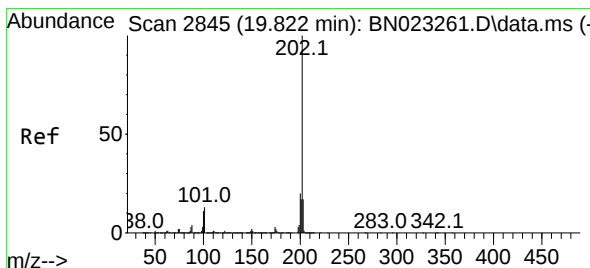
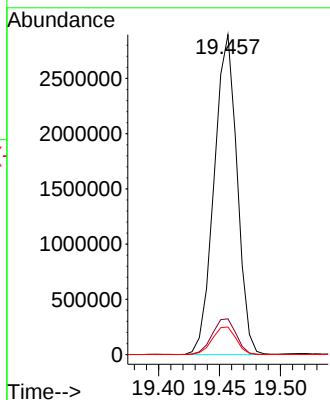
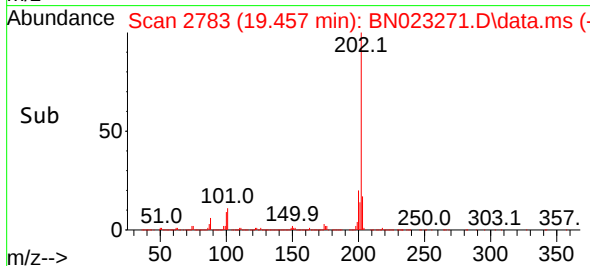
Instrument :
BNA_N
ClientSampleId :
DBYA3



Tgt Ion:202 Resp: 379287
Ion Ratio Lower Upper
202 100
101 11.2 10.4 15.6
100 8.6 7.6 11.4

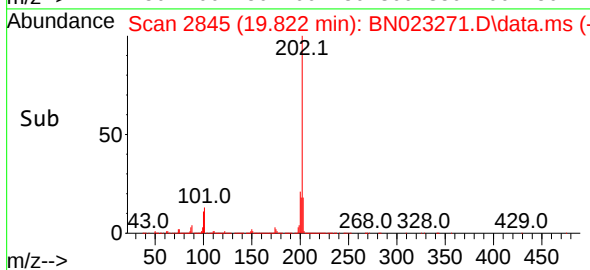
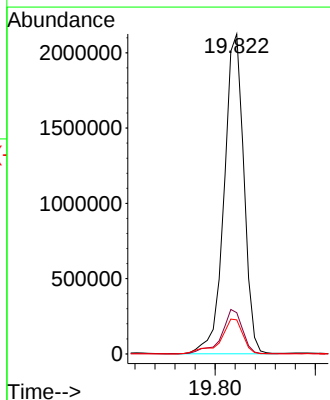
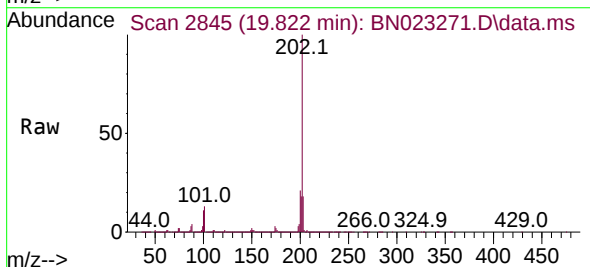
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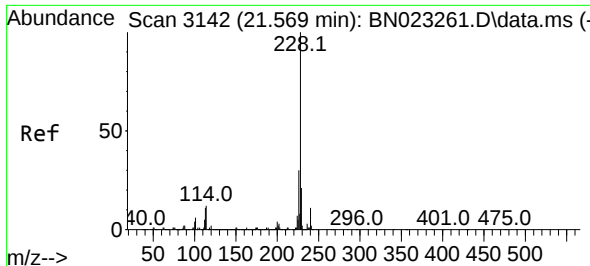
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#82
Pyrene
Concen: 25.858 ng/ul
RT: 19.822 min Scan# 2845
Delta R.T. 0.006 min
Lab File: BN023271.D
Acq: 17 Dec 2022 10:56

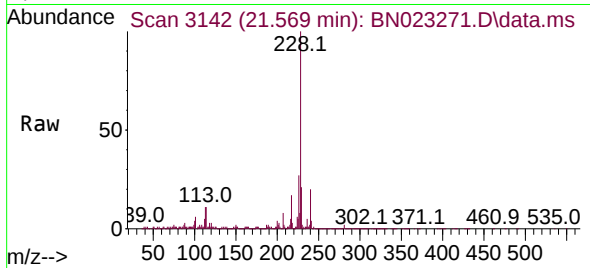
Tgt Ion:202 Resp: 2897382
Ion Ratio Lower Upper
202 100
101 12.9 12.0 18.0
100 10.6 9.5 14.3





#85
Benzo(a)anthracene
Concen: 13.623 ng/u1
RT: 21.569 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BN023271.D
Acq: 17 Dec 2022 10:56

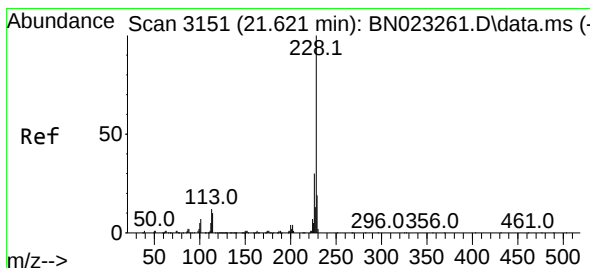
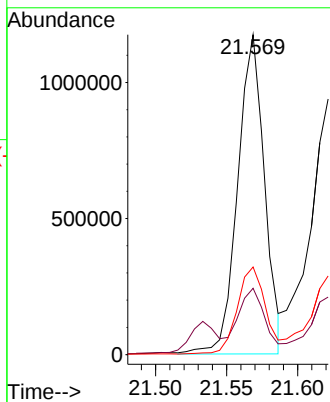
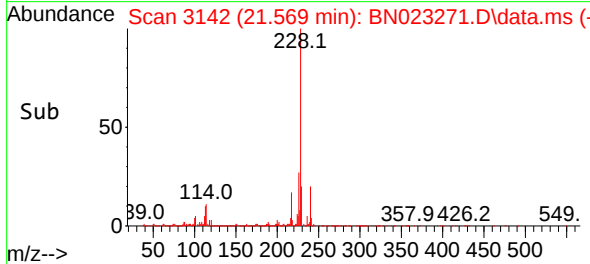
Instrument :
BNA_N
ClientSampleId :
DBYA3



Tgt Ion:228 Resp: 1538866
Ion Ratio Lower Upper
228 100
229 20.7 15.5 23.3
226 27.4 21.4 32.0

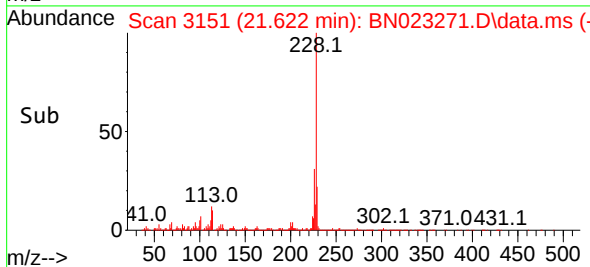
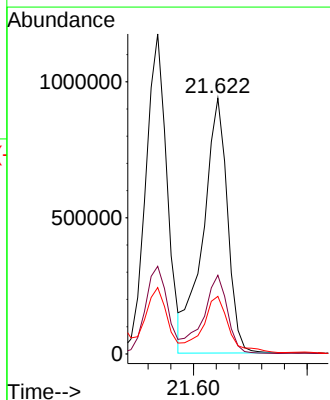
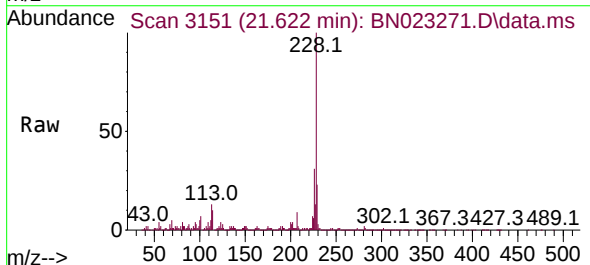
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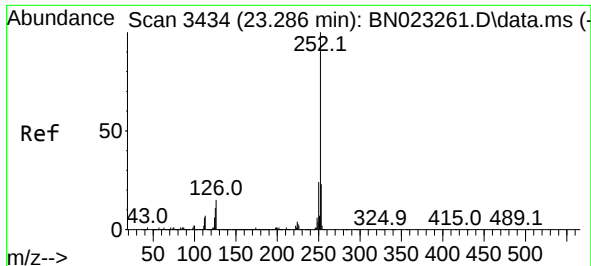
Reviewed By :Jagrut Upadhyay 12/19/2022
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#87
Chrysene
Concen: 13.155 ng/u1
RT: 21.622 min Scan# 3151
Delta R.T. 0.000 min
Lab File: BN023271.D
Acq: 17 Dec 2022 10:56

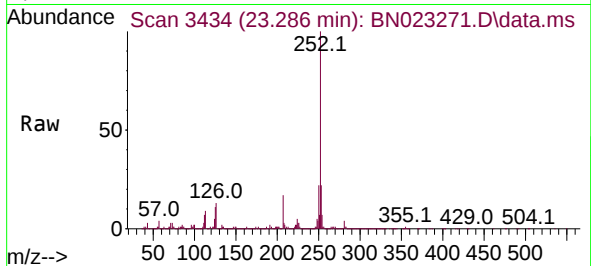
Tgt Ion:228 Resp: 1402300
Ion Ratio Lower Upper
228 100
226 30.8 24.6 36.8
229 22.5 16.5 24.7





#90
Benzo(b)fluoranthene
Concen: 16.677 ng/ul
RT: 23.286 min Scan# 3434
Delta R.T. 0.006 min
Lab File: BN023271.D
Acq: 17 Dec 2022 10:56

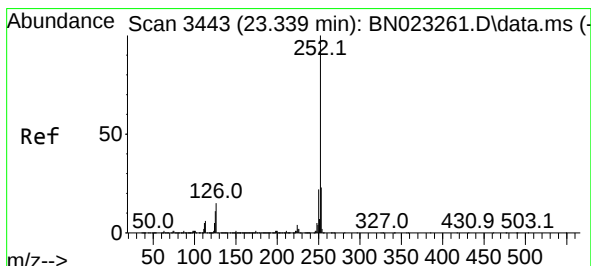
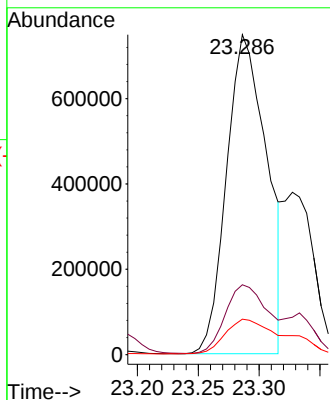
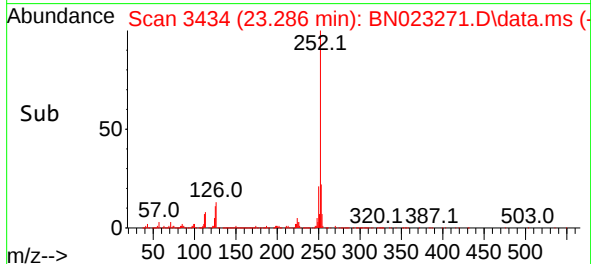
Instrument :
BNA_N
ClientSampleId :
DBYA3



Tgt Ion:252 Resp: 1721853
Ion Ratio Lower Upper
252 100
253 21.9 16.8 25.2
125 11.1 8.8 13.2

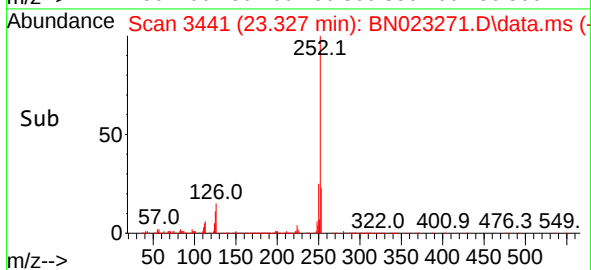
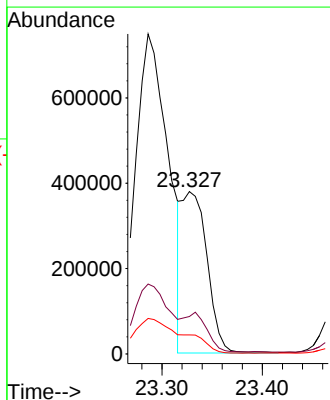
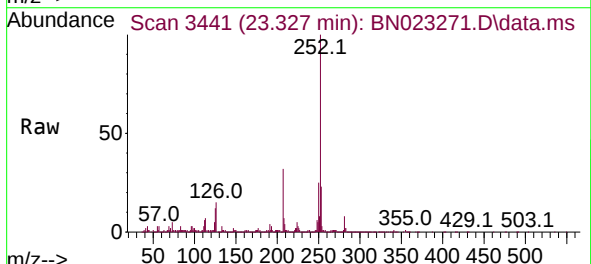
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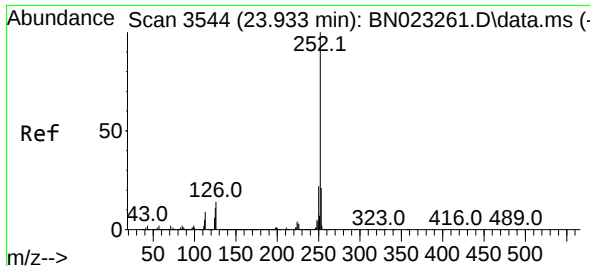
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#91
Benzo(k)fluoranthene
Concen: 6.658 ng/ul m
RT: 23.327 min Scan# 3441
Delta R.T. -0.006 min
Lab File: BN023271.D
Acq: 17 Dec 2022 10:56

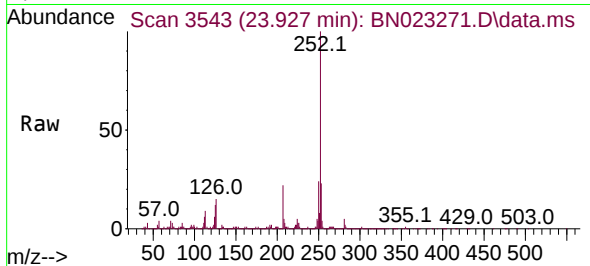
Tgt Ion:252 Resp: 654182
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 11.7 9.0 13.6





#93
Benzo(a)pyrene
Concen: 11.578 ng/ul
RT: 23.927 min Scan# 3543
Delta R.T. 0.000 min
Lab File: BN023271.D
Acq: 17 Dec 2022 10:56

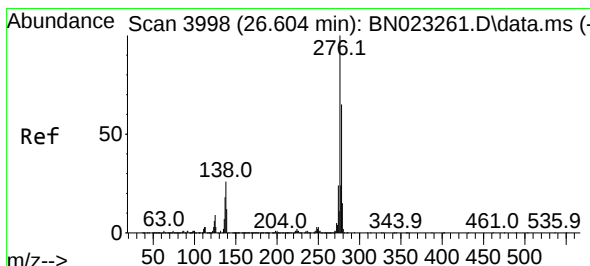
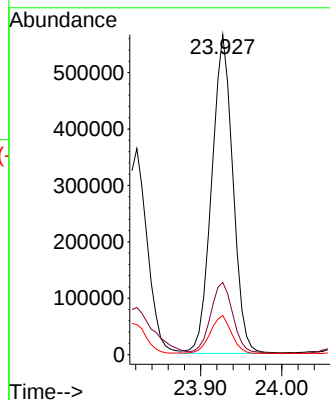
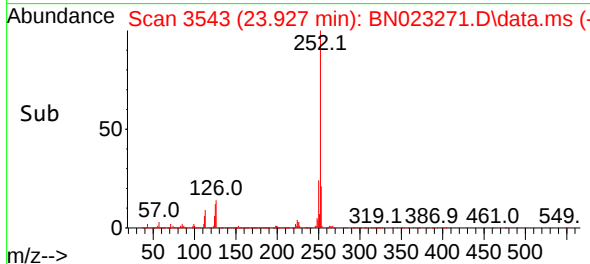
Instrument :
BNA_N
ClientSampleId :
DBYA3



Tgt Ion:252 Resp: 102731
Ion Ratio Lower Upper
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253 22.6 17.6 26.4
125 12.2 9.4 14.2

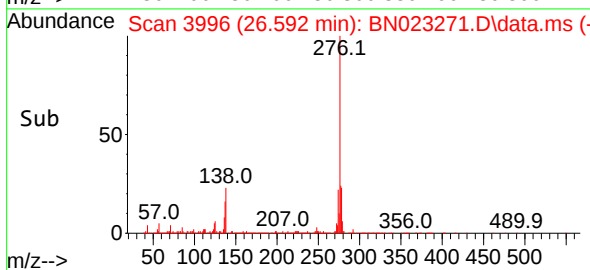
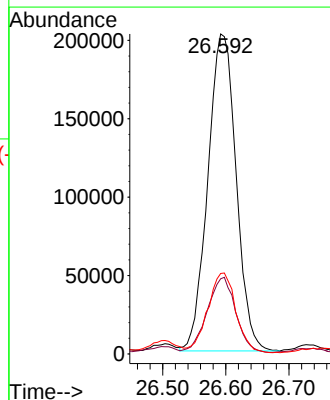
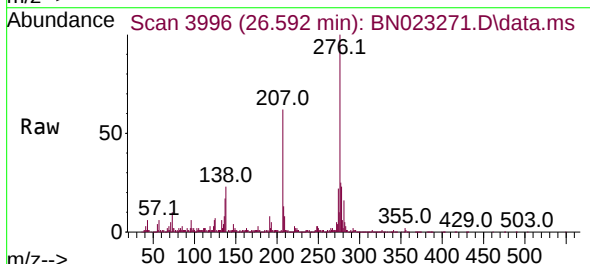
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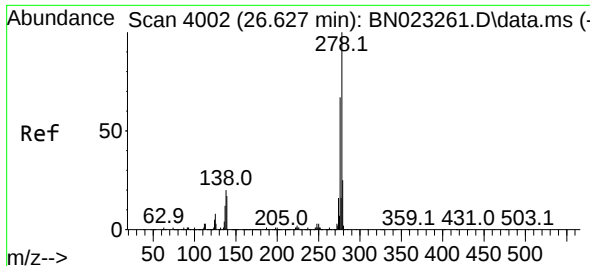
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#94
Indeno(1,2,3-cd)pyrene
Concen: 5.612 ng/ul
RT: 26.592 min Scan# 3996
Delta R.T. -0.006 min
Lab File: BN023271.D
Acq: 17 Dec 2022 10:56

Tgt Ion:276 Resp: 630862
Ion Ratio Lower Upper
276 100
138 23.5 20.6 30.8
277 25.1 18.2 27.2





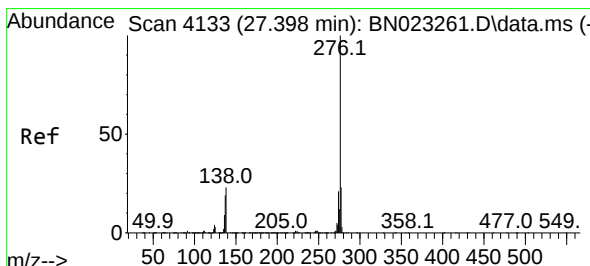
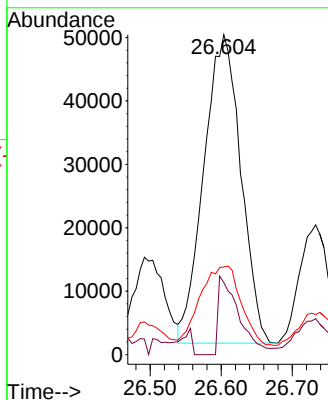
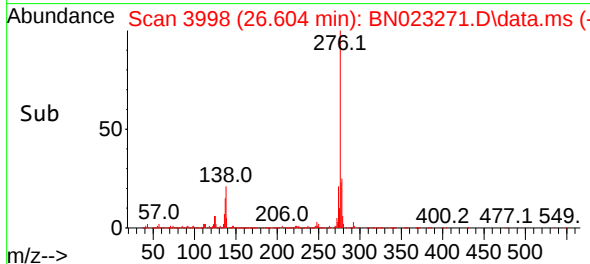
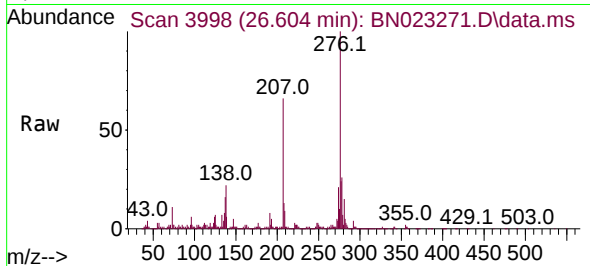
#95
Dibenzo(a,h)anthracene
Concen: 1.921 ng/ul
RT: 26.604 min Scan# 3998
Delta R.T. -0.018 min
Lab File: BN023271.D
Acq: 17 Dec 2022 10:56

Instrument : BNA_N
ClientSampleId : DBYA3

Tgt Ion:278 Resp: 17604
Ion Ratio Lower Upper
278 100
139 22.5 13.3 19.9
279 27.4 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#96
Benzo(g,h,i)perylene
Concen: 4.599 ng/ul
RT: 27.392 min Scan# 4132
Delta R.T. 0.000 min
Lab File: BN023271.D
Acq: 17 Dec 2022 10:56

Tgt Ion:276 Resp: 409000
Ion Ratio Lower Upper
276 100
138 24.0 19.2 28.8
277 23.7 19.3 28.9

