

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
 Data File : BN031340.D
 Acq On : 01 May 2024 05:08
 Operator : MA/JU
 Sample : P2203-20
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E1CX4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
 Supervised By :mohammad ahmed 05/02/2024

Quant Time: May 01 08:30:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 01 05:16:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	244846	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	1091956	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	711549	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.016	188	1481446	20.000	ng/u1	0.00
79) Chrysene-d12	21.251	240	1100927	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	1093120	20.000	ng/u1	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	28017	5.327	ng/uL	0.00
4) Pyridine-d5	3.534	84	401014	26.628	ng/u1	0.00
7) Phenol-d5	6.793	99	530029	26.901	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.958	67	355272	30.797	ng/u1	0.00
11) 2-Chlorophenol-d4	7.146	132	356348	22.608	ng/u1	0.00
15) 4-Methylphenol-d8	8.322	113	466147	28.550	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	261140	33.184	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	116515	13.757	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	252563	16.058	ng/u1	0.00
31) 4-Chloroaniline-d4	10.540	131	728357	31.955	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	1564017	33.341	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	1837486	33.759	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.257	176	1372743	34.268	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.116	188	2022950	33.087	ng/u1	0.00
81) Pyrene-d10	19.416	212	2250098	33.559	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	1708775	33.765	ng/u1	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.440	128	252121	4.698	ng/u1	99
36) 2-Methylnaphthalene	12.063	142	82909	2.228	ng/u1	91
37) 1-Methylnaphthalene	12.287	142	41413	1.100	ng/u1#	97
52) Acenaphthene	14.328	153	155060	3.774	ng/u1	99
56) Dibenzofuran	14.663	168	192315	3.447	ng/u1	94
61) Fluorene	15.316	166	215396	4.842	ng/u1	99
72) Phenanthrene	17.057	178	1229478	16.770	ng/u1	100
74) Anthracene	17.145	178	358728	4.893	ng/u1	99
77) Carbazole	17.422	167	106294	1.660	ng/u1	98
80) Fluoranthene	19.080	202	1072966	13.349	ng/u1	100
82) Pyrene	19.445	202	746163	9.100	ng/u1	99
85) Benzo(a)anthracene	21.233	228	293521	4.085	ng/u1	96
87) Chrysene	21.292	228	287933	4.277	ng/u1	97
90) Benzo(b)fluoranthene	23.227	252	300201	4.532	ng/u1#	84
91) Benzo(k)fluoranthene	23.280	252	97632	1.499	ng/u1#	73
93) Benzo(a)pyrene	24.004	252	179903	3.036	ng/u1#	81
94) Indeno(1,2,3-cd)pyrene	27.380	276	117533	1.751	ng/u1#	95
96) Benzo(g,h,i)perylene	28.374	276	103547m	1.912	ng/u1	

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

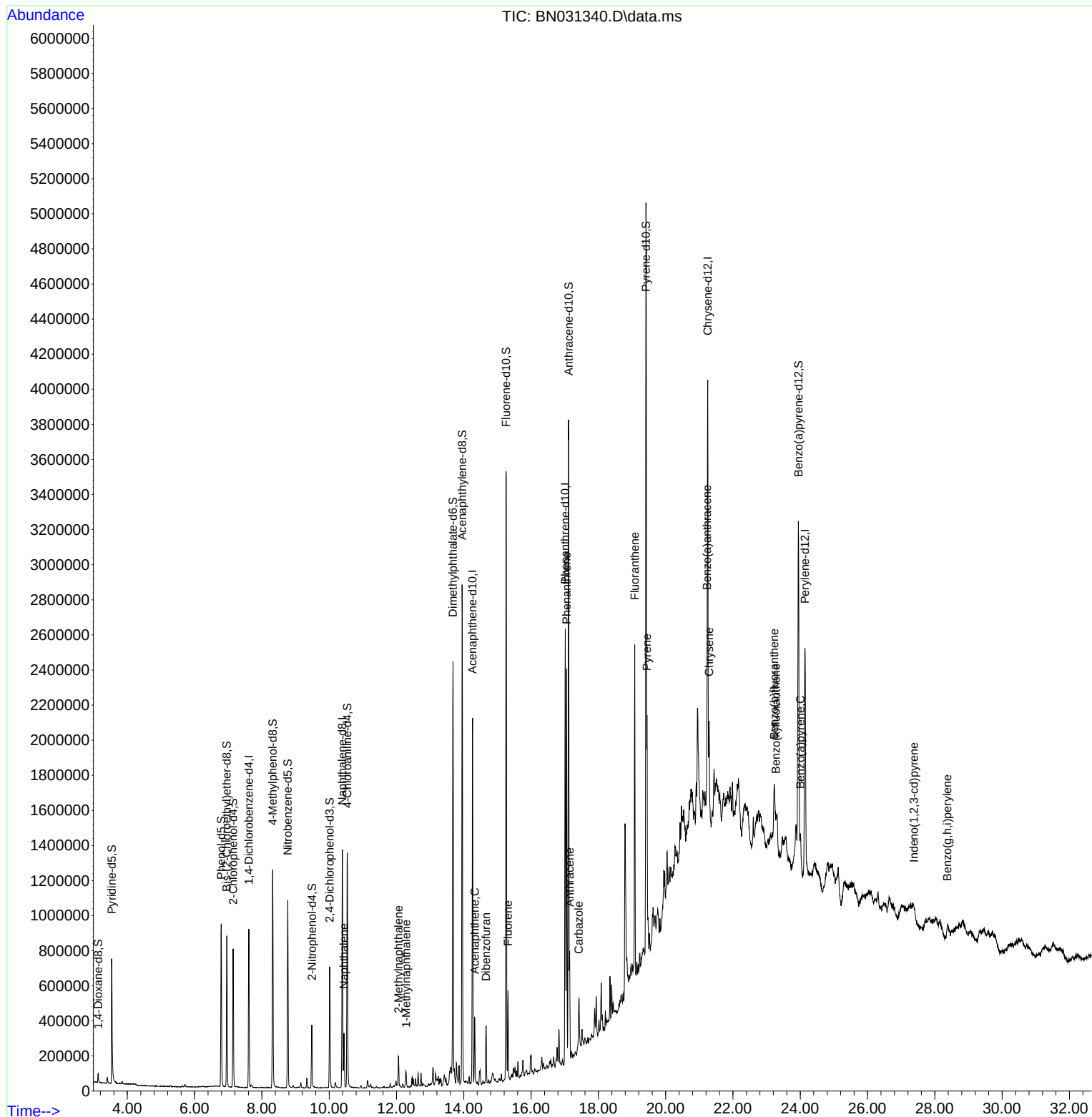
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
 Data File : BN031340.D
 Acq On : 01 May 2024 05:08
 Operator : MA/JU
 Sample : P2203-20
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

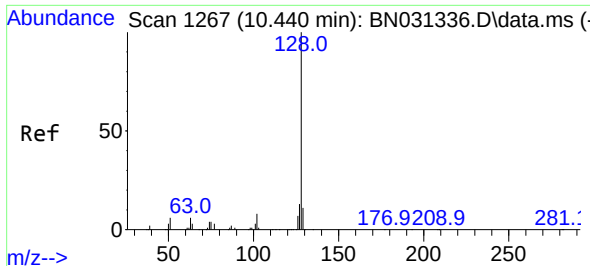
Instrument :
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 E1CX4

Quant Time: May 01 08:30:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 01 05:16:42 2024
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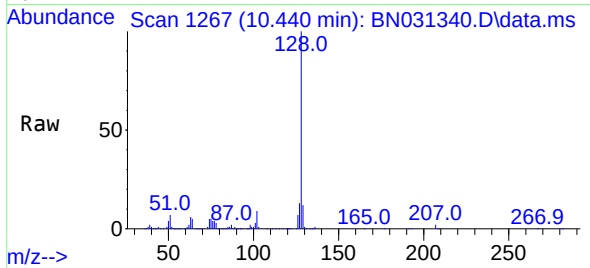
Reviewed By :Jagrut Upadhyay 05/01/2024
 Supervised By :mohammad ahmed 05/02/2024





#30
Naphthalene
Concen: 4.698 ng/ul
RT: 10.440 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BN031340.D
Acq: 01 May 2024 05:08

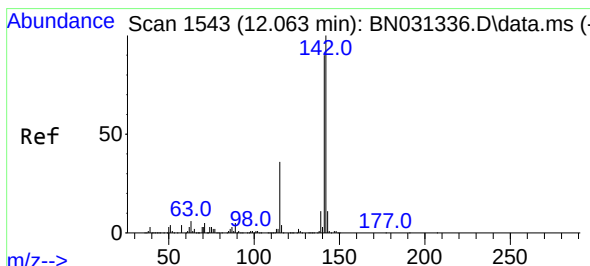
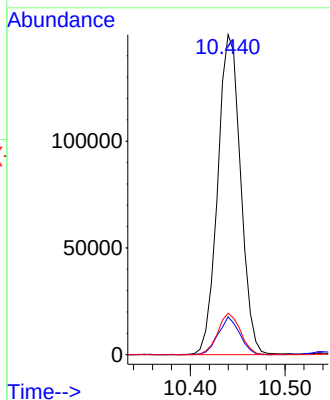
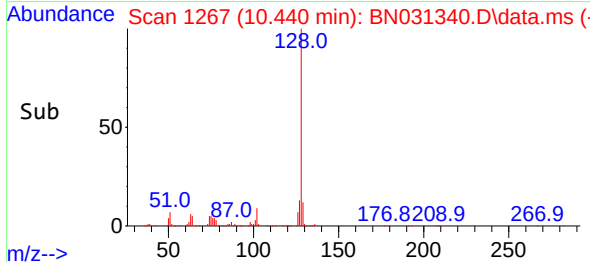
Instrument :
BNA_N
ClientSampleId :
E1CX4



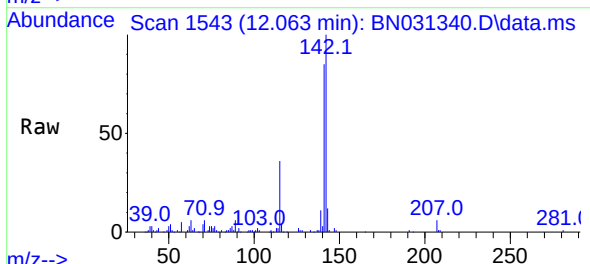
Tgt Ion:128 Resp: 25212
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.0 10.7 16.1

Manual Integrations
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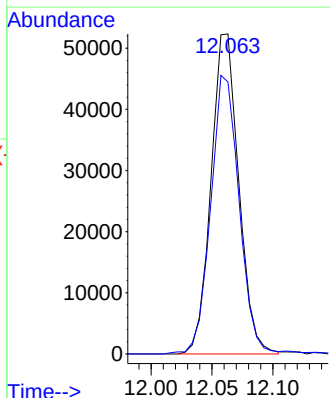
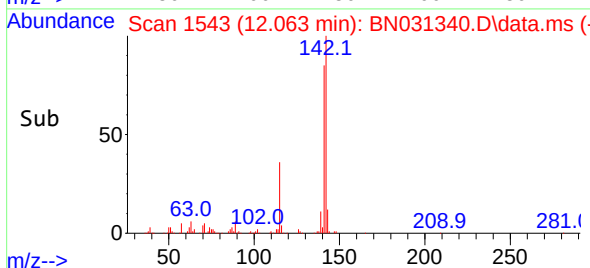
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

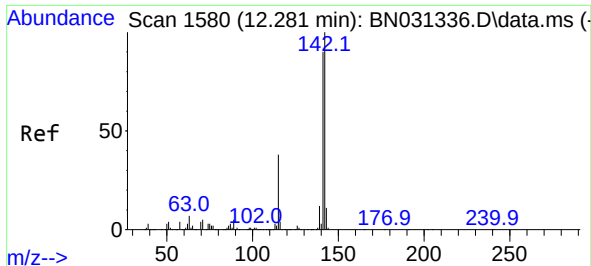


#36
2-Methylnaphthalene
Concen: 2.228 ng/ul
RT: 12.063 min Scan# 1543
Delta R.T. -0.000 min
Lab File: BN031340.D
Acq: 01 May 2024 05:08



Tgt Ion:142 Resp: 82909
Ion Ratio Lower Upper
142 100
141 85.0 75.0 112.4





#37

1-Methylnaphthalene

Concen: 1.100 ng/ul

RT: 12.287 min Scan# 11

Delta R.T. 0.006 min

Lab File: BN031340.D

Acq: 01 May 2024 05:08

Instrument :

BNA_N

ClientSampleId :

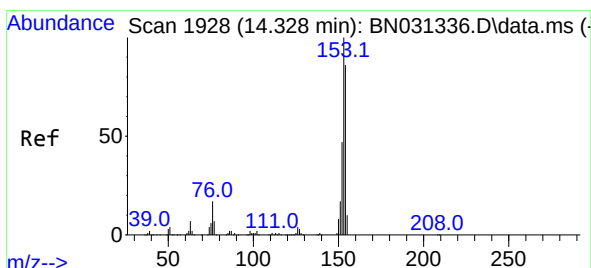
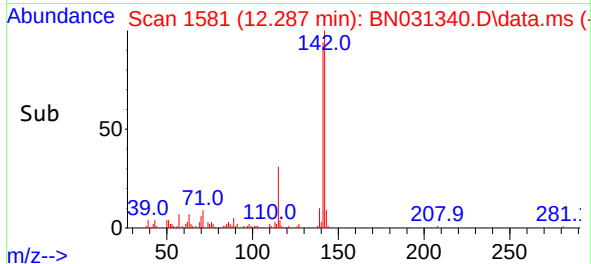
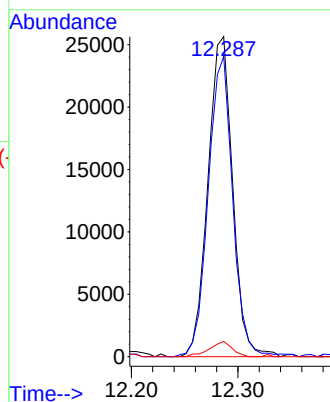
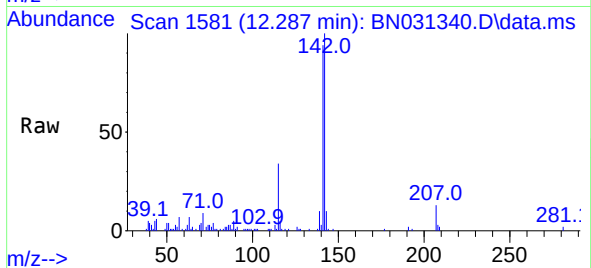
E1CX4

Tgt Ion:	142	Resp:	4141
Ion Ratio	Lower	Upper	
142	100		
141	93.9	72.5	108.7
116	4.7	3.0	4.4

Manual Integrations

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#52

Acenaphthene

Concen: 3.774 ng/ul

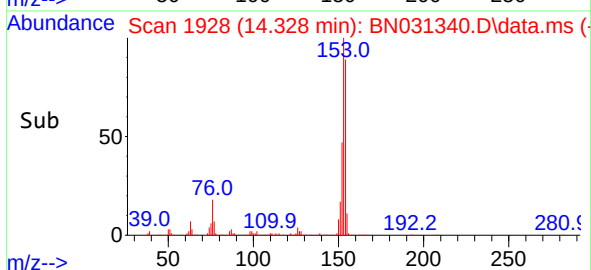
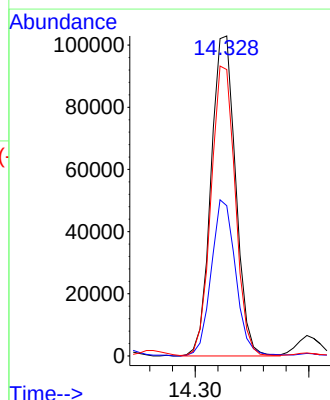
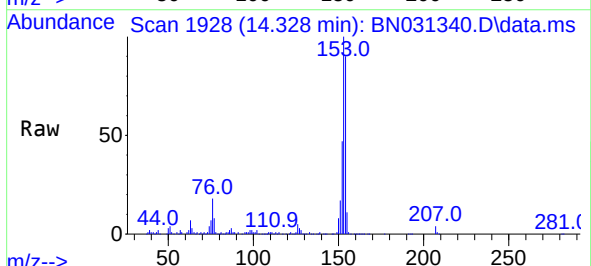
RT: 14.328 min Scan# 1928

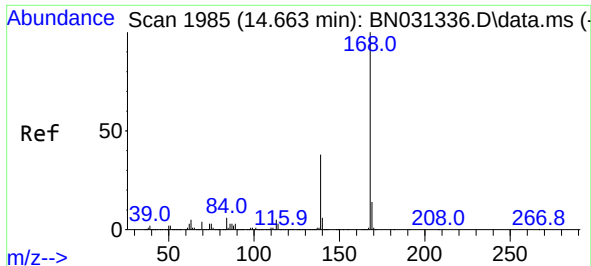
Delta R.T. -0.000 min

Lab File: BN031340.D

Acq: 01 May 2024 05:08

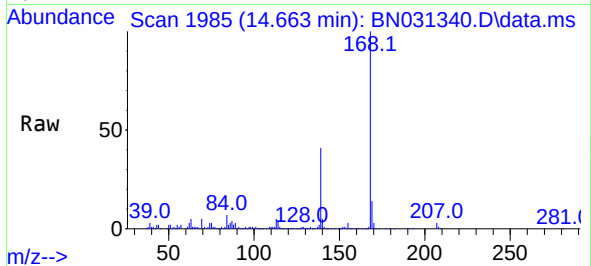
Tgt Ion:	153	Resp:	155060
Ion Ratio	Lower	Upper	
153	100		
152	46.9	38.3	57.5
154	89.5	70.7	106.1





#56
Dibenzenofuran
Concen: 3.447 ng/ul
RT: 14.663 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BN031340.D
Acq: 01 May 2024 05:08

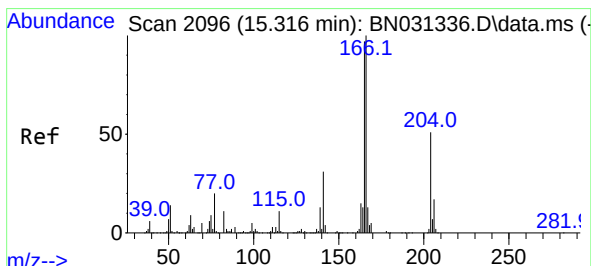
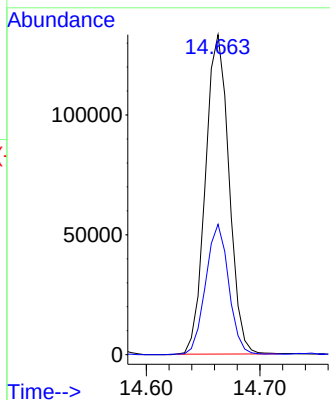
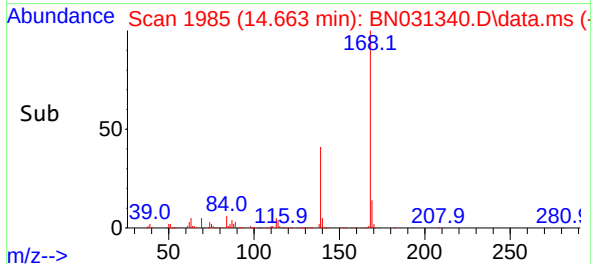
Instrument :
BNA_N
ClientSampleId :
E1CX4



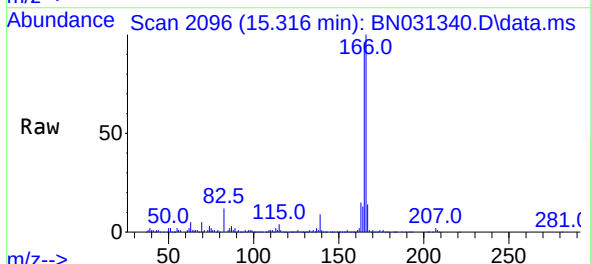
Tgt Ion:168 Resp: 192315
Ion Ratio Lower Upper
168 100
139 40.7 29.7 44.5

Manual Integrations
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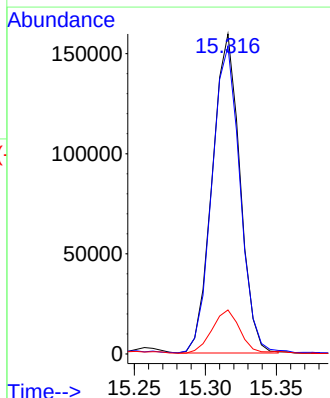
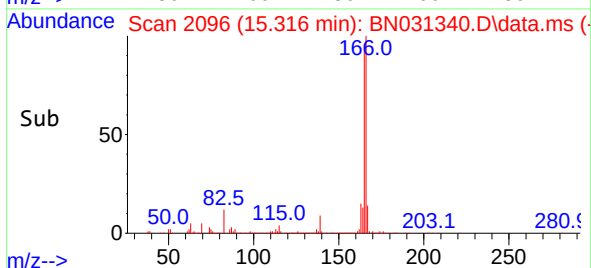
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

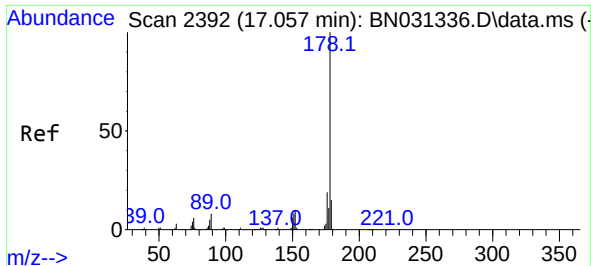


#61
Fluorene
Concen: 4.842 ng/ul
RT: 15.316 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BN031340.D
Acq: 01 May 2024 05:08



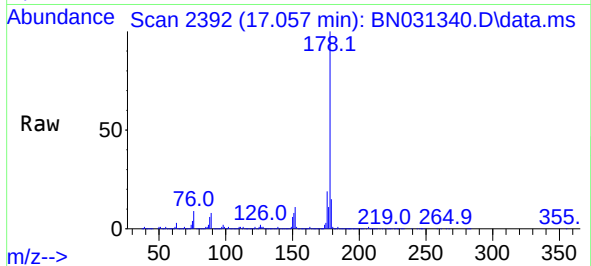
Tgt Ion:166 Resp: 215396
Ion Ratio Lower Upper
166 100
165 96.2 77.9 116.9
167 13.7 10.9 16.3





#72
Phenanthrene
Concen: 16.770 ng/ul
RT: 17.057 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN031340.D
Acq: 01 May 2024 05:08

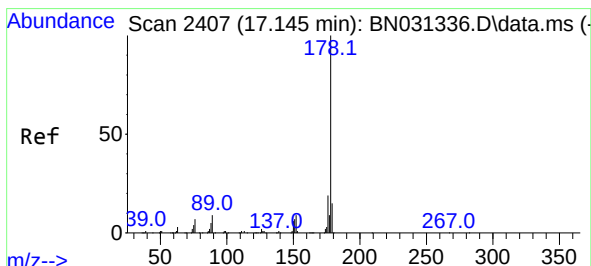
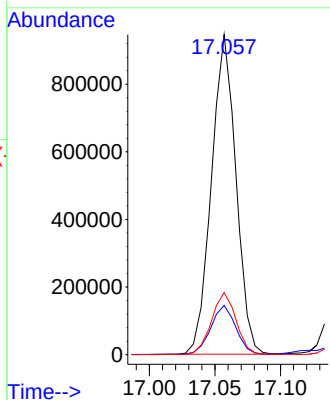
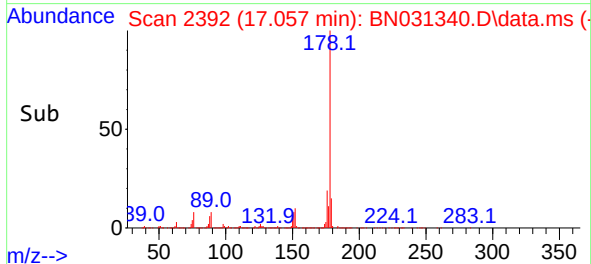
Instrument :
BNA_N
ClientSampleId :
E1CX4



Tgt Ion:178 Resp: 1229478
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 19.4 15.6 23.4

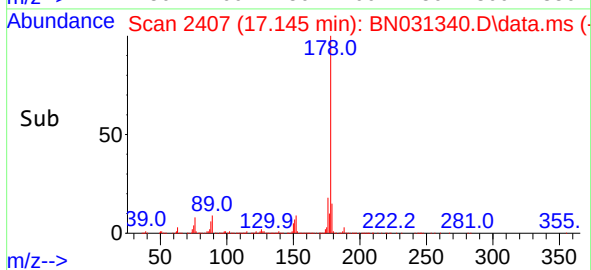
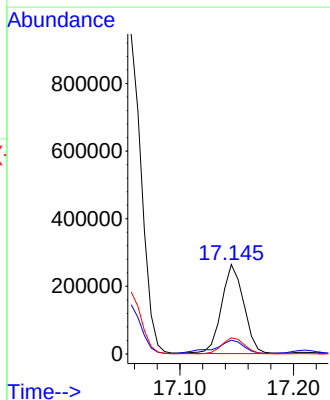
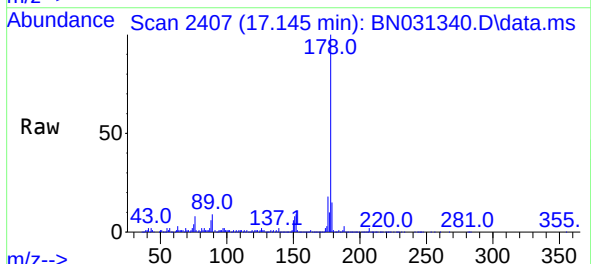
Manual Integrations
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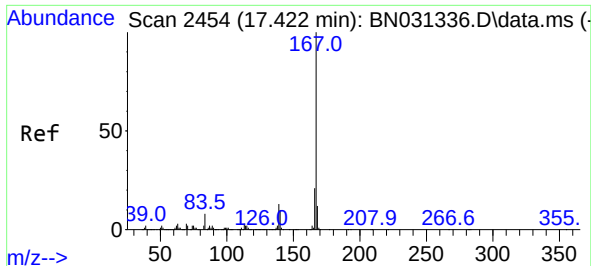
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#74
Anthracene
Concen: 4.893 ng/ul
RT: 17.145 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BN031340.D
Acq: 01 May 2024 05:08

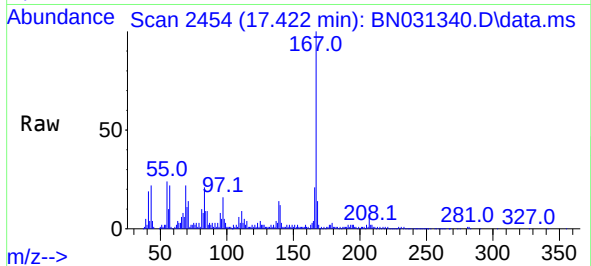
Tgt Ion:178 Resp: 358728
Ion Ratio Lower Upper
178 100
179 15.3 12.0 18.0
176 18.1 15.1 22.7





#77
 Carbazole
 Concen: 1.660 ng/ul
 RT: 17.422 min Scan# 2454
 Delta R.T. -0.000 min
 Lab File: BN031340.D
 Acq: 01 May 2024 05:08

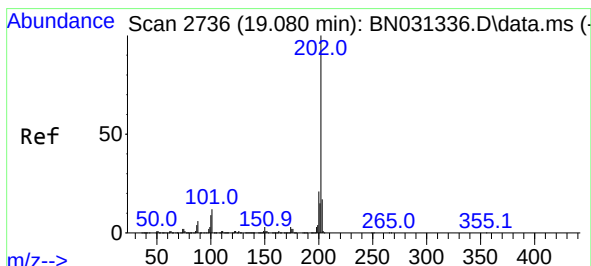
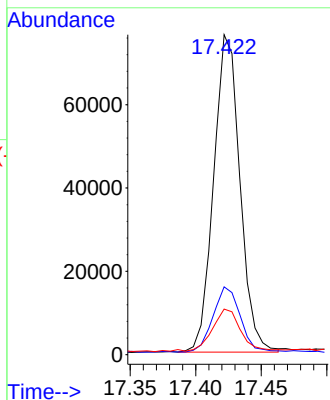
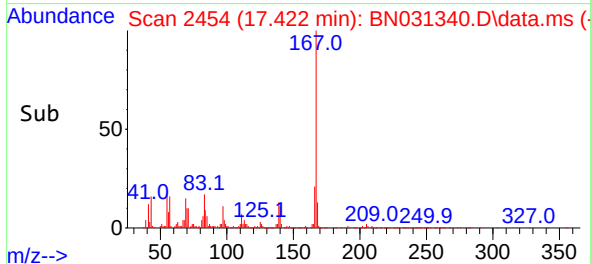
Instrument :
 BNA_N
 ClientSampleId :
 E1CX4



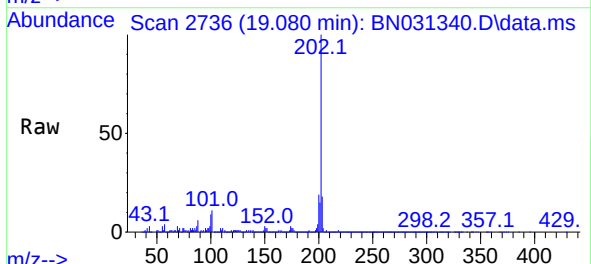
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 Ion Ratio Lower Upper
 167 100
 166 21.2 16.7 25.1
 139 14.3 10.4 15.6

Manual Integrations
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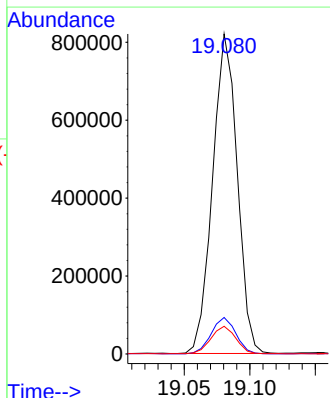
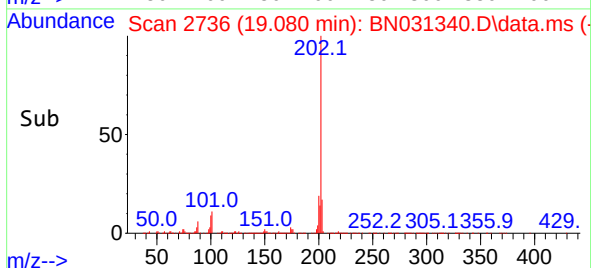
Reviewed By :Jagrut Upadhyay 05/01/2024
 Supervised By :mohammad ahmed 05/02/2024

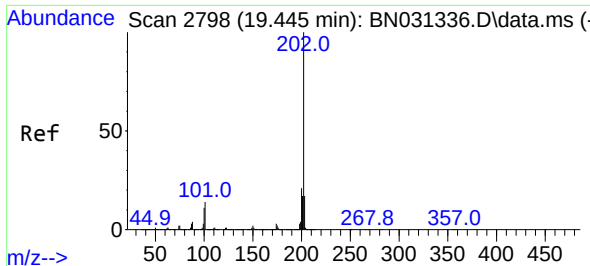


#80
 Fluoranthene
 Concen: 13.349 ng/ul
 RT: 19.080 min Scan# 2736
 Delta R.T. -0.000 min
 Lab File: BN031340.D
 Acq: 01 May 2024 05:08



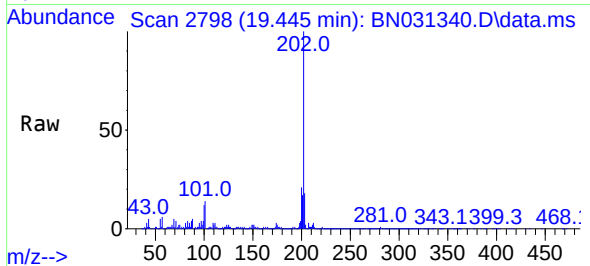
Tgt Ion:202 Resp: 1072966
 Ion Ratio Lower Upper
 202 100
 101 11.4 9.0 13.6
 100 8.6 6.7 10.1





#82
Pyrene
Concen: 9.100 ng/u1
RT: 19.445 min Scan# 2798
Delta R.T. -0.000 min
Lab File: BN031340.D
Acq: 01 May 2024 05:08

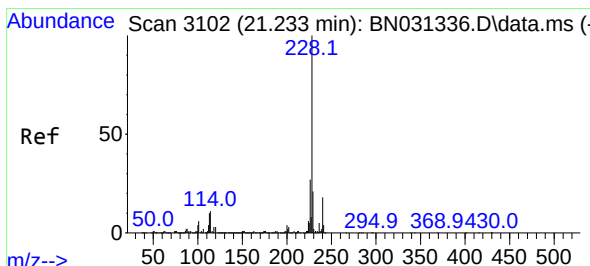
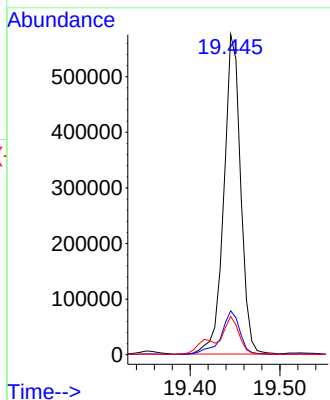
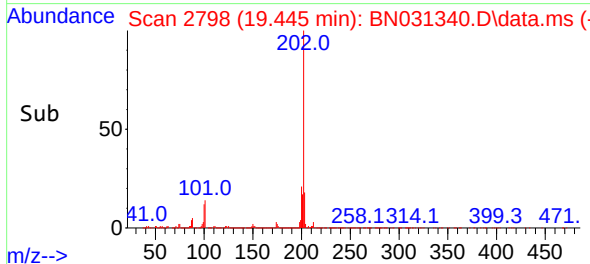
Instrument :
BNA_N
ClientSampleId :
E1CX4



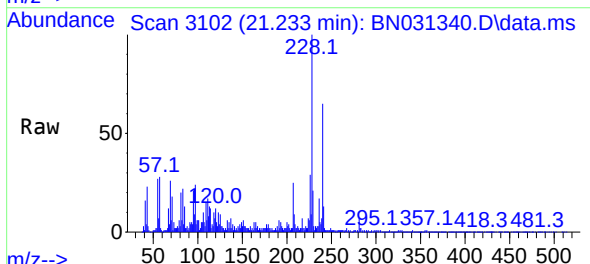
Tgt Ion:202 Resp: 74616
Ion Ratio Lower Upper
202 100
101 13.7 11.0 16.6
100 12.0 9.2 13.8

Manual Integrations
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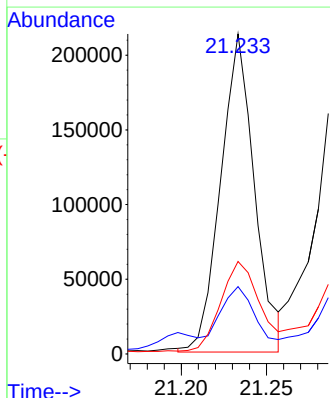
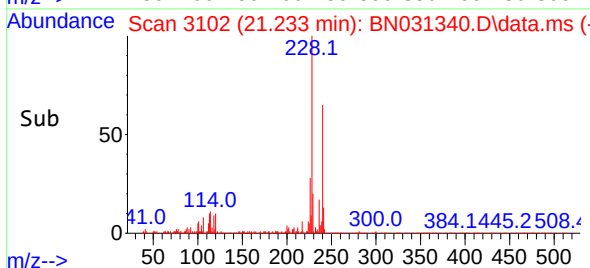
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

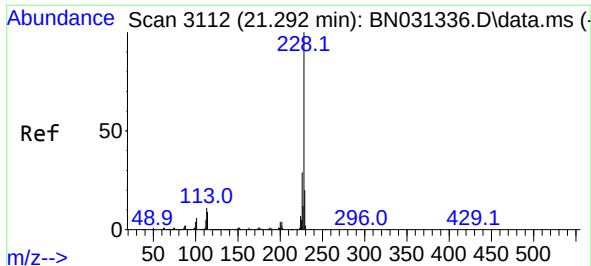


#85
Benzo(a)anthracene
Concen: 4.085 ng/u1
RT: 21.233 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BN031340.D
Acq: 01 May 2024 05:08



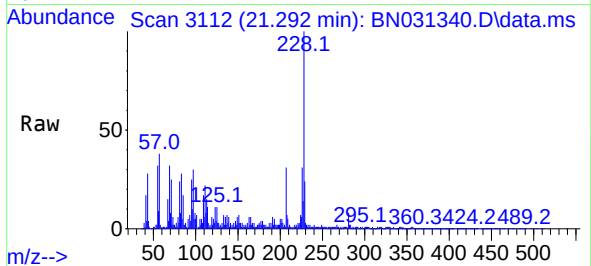
Tgt Ion:228 Resp: 293521
Ion Ratio Lower Upper
228 100
229 21.1 15.9 23.9
226 28.9 21.1 31.7





#87
Chrysene
Concen: 4.277 ng/ul
RT: 21.292 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BN031340.D
Acq: 01 May 2024 05:08

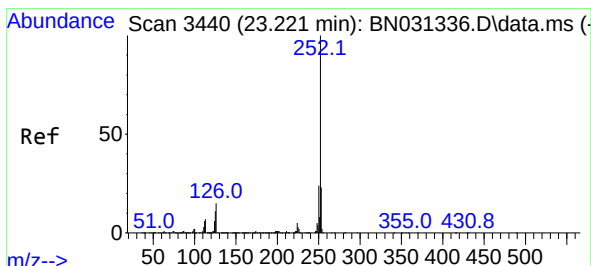
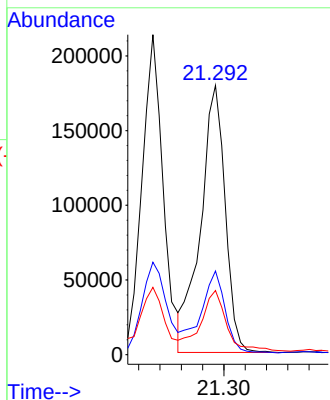
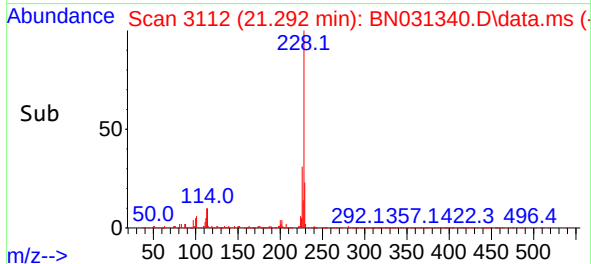
Instrument :
BNA_N
ClientSampleId :
E1CX4



Tgt Ion:228 Resp: 287933
Ion Ratio Lower Upper
228 100
226 31.1 24.5 36.7
229 23.8 16.7 25.1

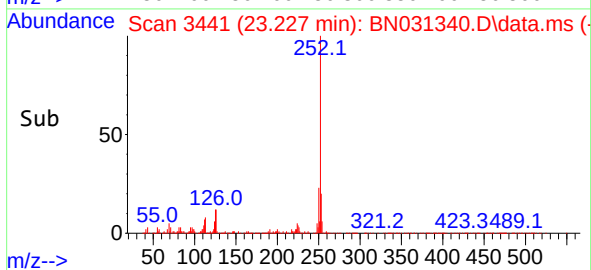
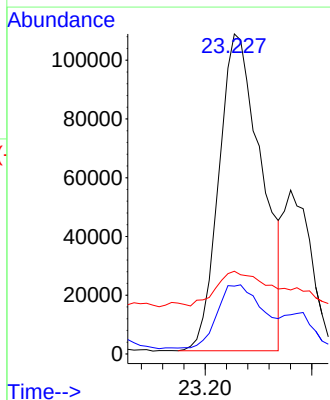
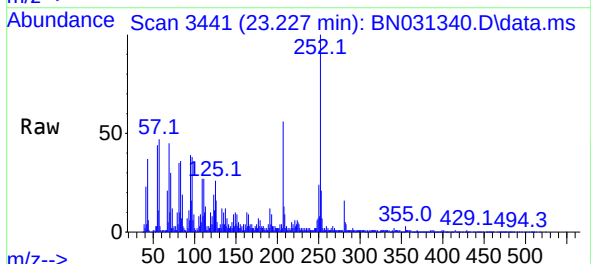
Manual Integrations
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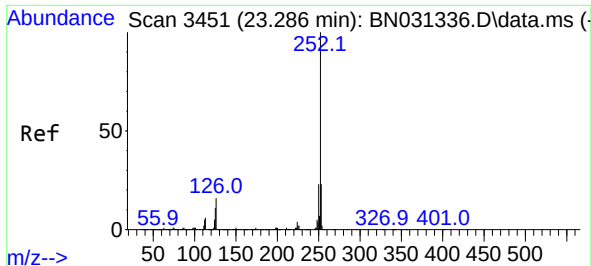
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#90
Benzo(b)fluoranthene
Concen: 4.532 ng/ul
RT: 23.227 min Scan# 3441
Delta R.T. 0.006 min
Lab File: BN031340.D
Acq: 01 May 2024 05:08

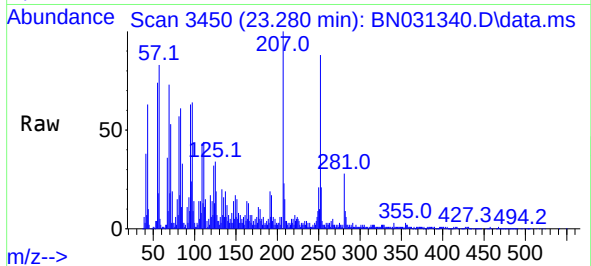
Tgt Ion:252 Resp: 300201
Ion Ratio Lower Upper
252 100
253 21.2 15.7 23.5
125 25.9 8.6 13.0#





#91
Benzo(k)fluoranthene
Concen: 1.499 ng/ul
RT: 23.280 min Scan# 3451
Delta R.T. -0.006 min
Lab File: BN031340.D
Acq: 01 May 2024 05:08

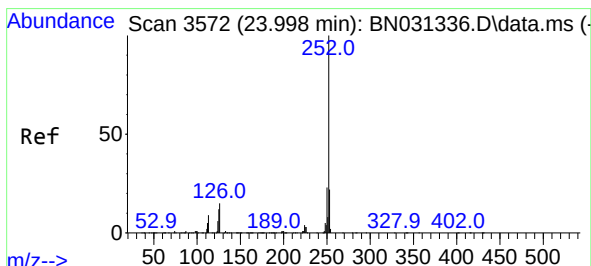
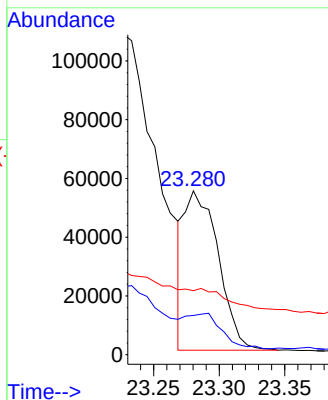
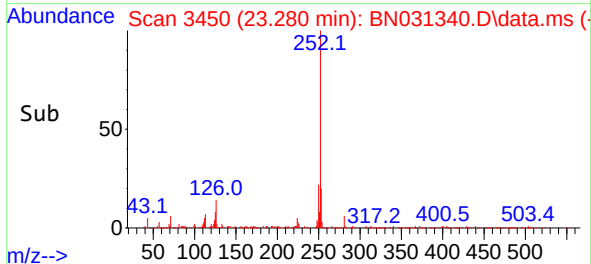
Instrument :
BNA_N
ClientSampleId :
E1CX4



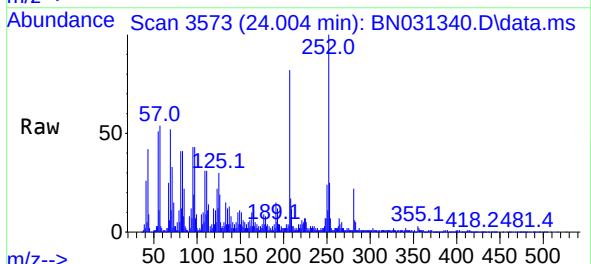
Tgt Ion:252 Resp: 97632
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 39.1 8.7 13.1

Manual Integrations
APPROVED

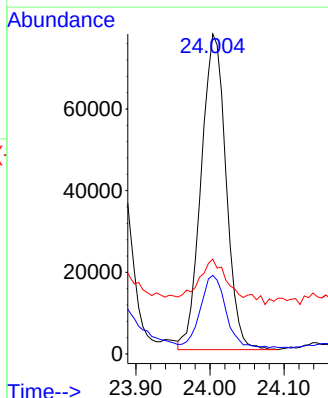
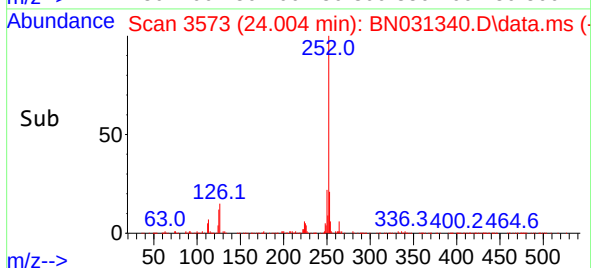
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

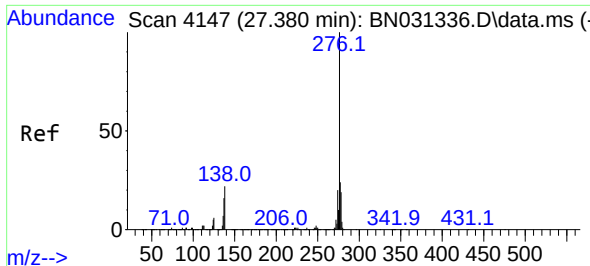


#93
Benzo(a)pyrene
Concen: 3.036 ng/ul
RT: 24.004 min Scan# 3573
Delta R.T. 0.006 min
Lab File: BN031340.D
Acq: 01 May 2024 05:08



Tgt Ion:252 Resp: 179903
Ion Ratio Lower Upper
252 100
253 24.5 17.7 26.5
125 29.7 9.7 14.5





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.751 ng/ul
RT: 27.380 min Scan# 4147
Delta R.T. -0.000 min
Lab File: BN031340.D
Acq: 01 May 2024 05:08

Instrument :

BNA_N

ClientSampleId :

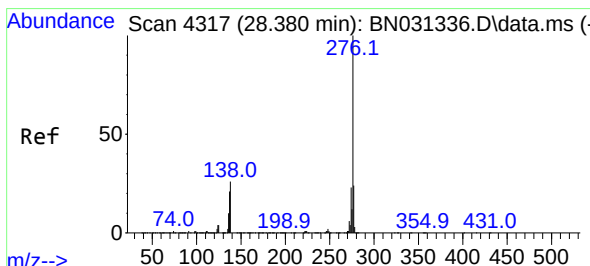
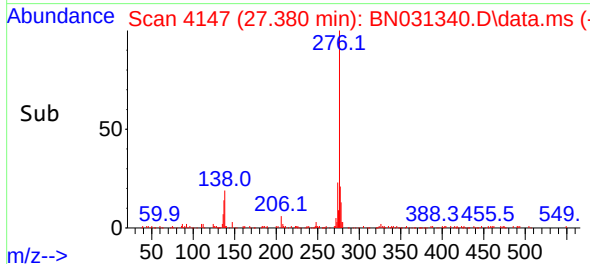
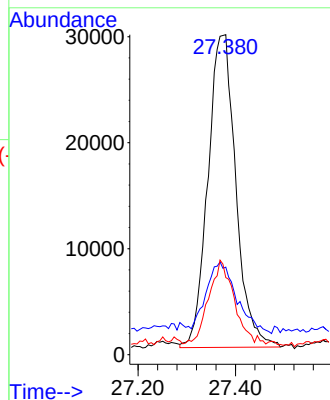
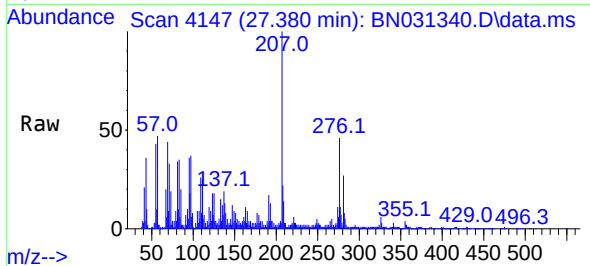
E1CX4

Tgt Ion:276 Resp: 11753
Ion Ratio Lower Upper
276 100
138 27.4 18.1 27.1
277 24.1 19.5 29.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#96
Benzo(g,h,i)perylene
Concen: 1.912 ng/ul m
RT: 28.374 min Scan# 4316
Delta R.T. -0.006 min
Lab File: BN031340.D
Acq: 01 May 2024 05:08

Tgt Ion:276 Resp: 103547
Ion Ratio Lower Upper
276 100
138 27.0 18.8 28.2
277 26.8 18.0 27.0

