

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
 Data File : BN031749.D
 Acq On : 31 May 2024 19:35
 Operator : MA/JU
 Sample : P2549-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBM7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024

Quant Time: Jun 01 04:30:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	545568	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	2337009	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1384123	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2461756	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1398567	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1632057	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	50615	3.838	ng/uL	0.00
4) Pyridine-d5	3.593	84	706959	19.044	ng/u1	0.00
7) Phenol-d5	6.852	99	1174409	25.110	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	642569	23.488	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	908402	25.455	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	968282	25.398	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	486006	27.199	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	530643	28.748	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	930578	27.005	ng/u1	0.00
31) 4-Chloroaniline-d4	10.605	131	1290512	25.223	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	2850088	29.557	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	3318542	29.930	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	476379	24.674	ng/u1	0.00
60) Fluorene-d10	15.322	176	2355475	28.870	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	258890	20.922	ng/u1	0.00
73) Anthracene-d10	17.169	188	3250282	30.839	ng/u1	0.00
81) Pyrene-d10	19.469	212	2826977	37.773	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	2364776	30.344	ng/u1	0.00
Target Compounds	Qvalue					
50) Acenaphthylene	14.046	152	159623	1.274	ng/u1	99
72) Phenanthrene	17.110	178	1033298	8.240	ng/u1	99
74) Anthracene	17.204	178	220843	1.738	ng/u1	98
80) Fluoranthene	19.133	202	1760987	19.689	ng/u1	99
82) Pyrene	19.498	202	1625384	17.712	ng/u1	98
85) Benzo(a)anthracene	21.286	228	764175	8.163	ng/u1	98
87) Chrysene	21.345	228	790158	9.037	ng/u1	97
90) Benzo(b)fluoranthene	23.316	252	1014027	10.395	ng/u1	97
91) Benzo(k)fluoranthene	23.369	252	326159	3.407	ng/u1	98
93) Benzo(a)pyrene	24.104	252	728582	7.974	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	27.551	276	525927	4.995	ng/u1	99
95) Dibenzo(a,h)anthracene	27.586	278	138800m	1.615	ng/u1	
96) Benzo(g,h,i)perylene	28.580	276	487236	5.822	ng/u1	100

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

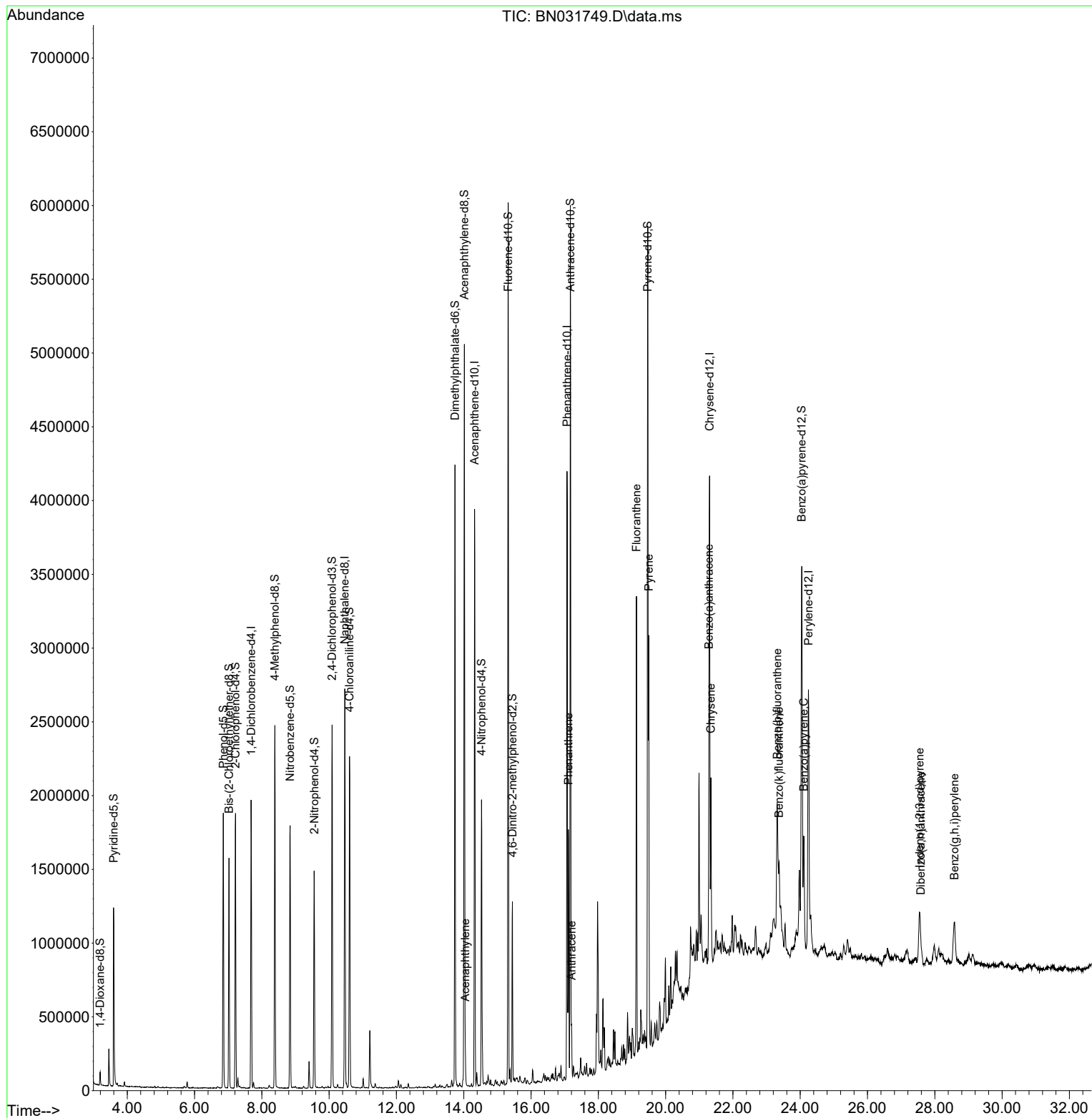
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
 Data File : BN031749.D
 Acq On : 31 May 2024 19:35
 Operator : MA/JU
 Sample : P2549-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

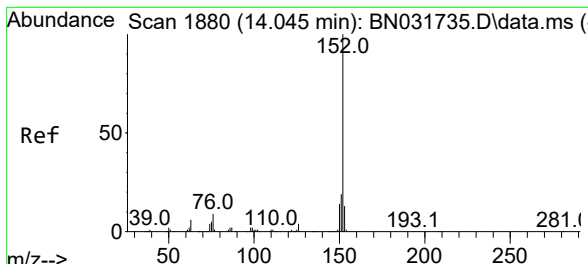
Instrument :
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
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#50
 Acenaphthylene
 Concen: 1.274 ng/ul
 RT: 14.046 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: BN031749.D
 Acq: 31 May 2024 19:35

Instrument :

BNA_N

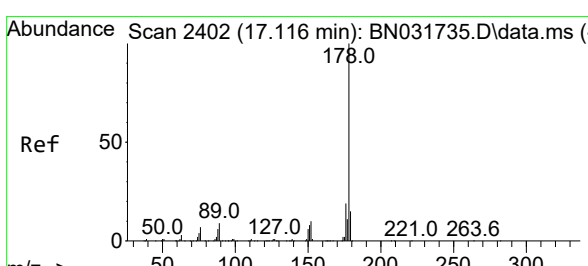
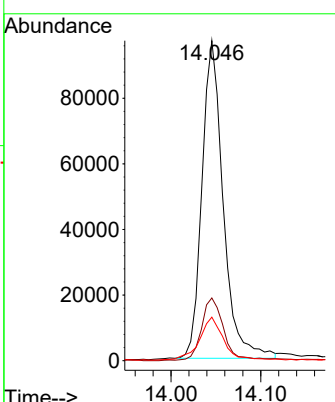
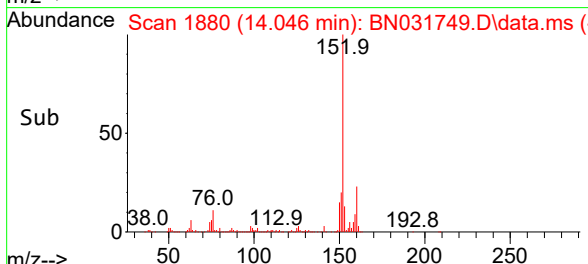
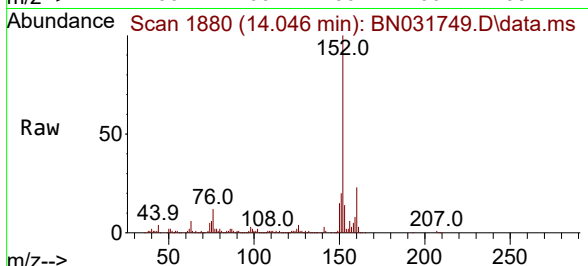
ClientSampleId :

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Tgt Ion:	152	Resp:	15962
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.9	23.9
153	13.6	10.4	15.6

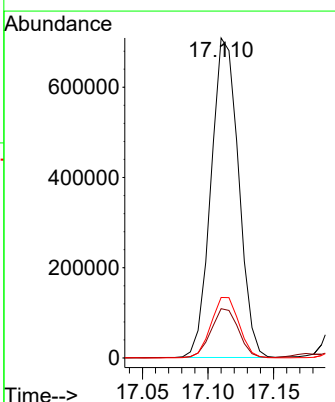
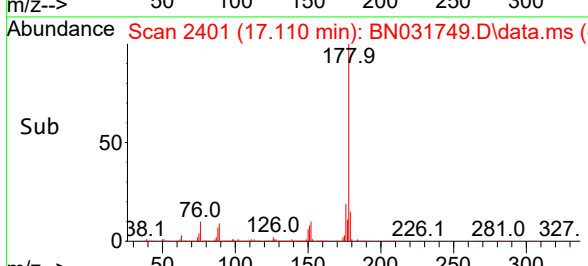
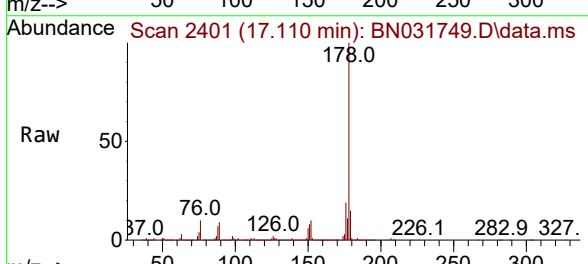
Manual Integrations
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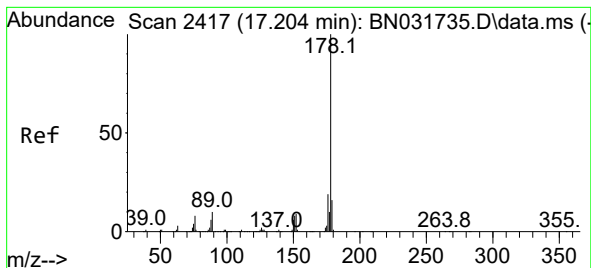
Reviewed By :Jagrut Upadhyay 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024



#72
 Phenanthrene
 Concen: 8.240 ng/ul
 RT: 17.110 min Scan# 2401
 Delta R.T. -0.006 min
 Lab File: BN031749.D
 Acq: 31 May 2024 19:35

Tgt Ion:	178	Resp:	1033298
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.6	19.0
176	18.9	15.8	23.6





#74

Anthracene

Concen: 1.738 ng/ul

RT: 17.204 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BN031749.D

Acq: 31 May 2024 19:35

Instrument :

BNA_N

ClientSampleId :

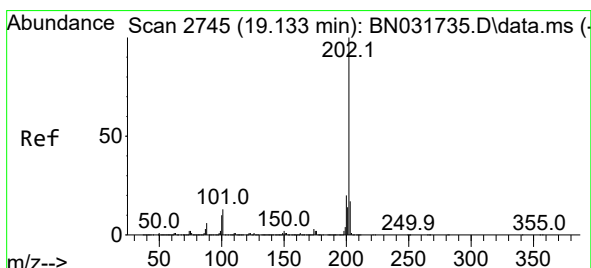
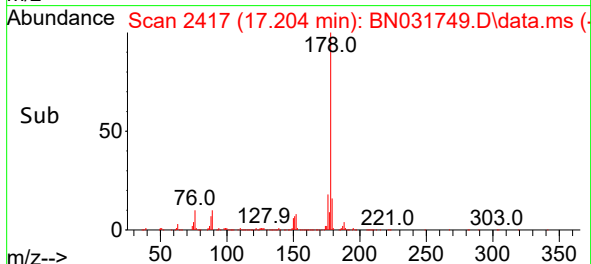
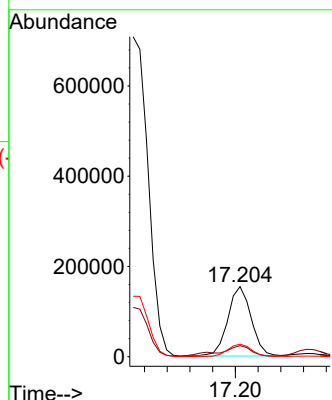
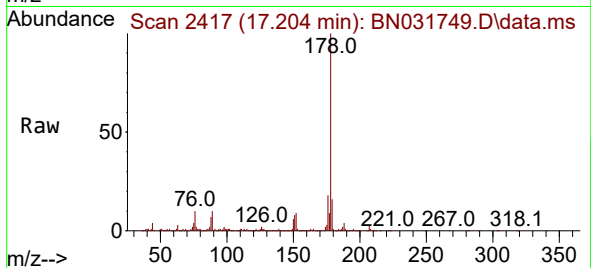
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Tgt Ion:178 Resp: 220841
 Ion Ratio Lower Upper
 178 100
 179 15.8 11.8 17.6
 176 17.7 14.8 22.2

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#80

Fluoranthene

Concen: 19.689 ng/ul

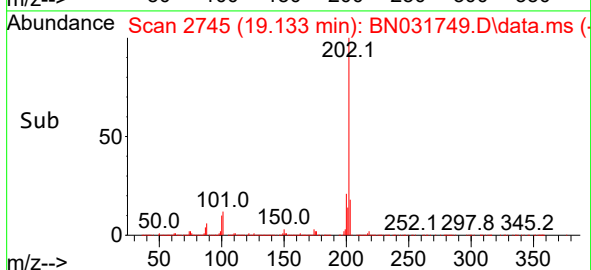
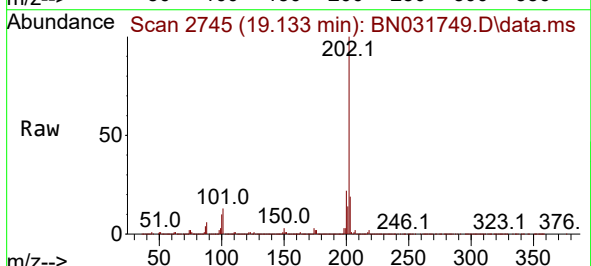
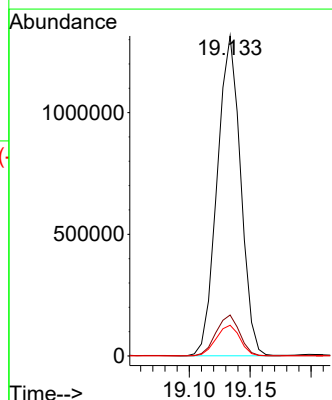
RT: 19.133 min Scan# 2745

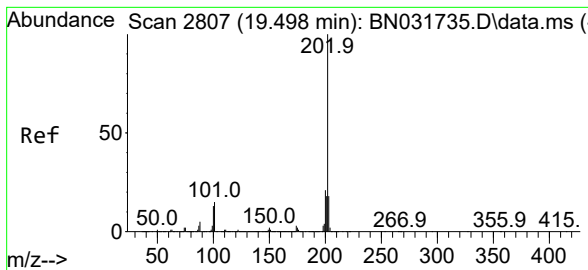
Delta R.T. -0.000 min

Lab File: BN031749.D

Acq: 31 May 2024 19:35

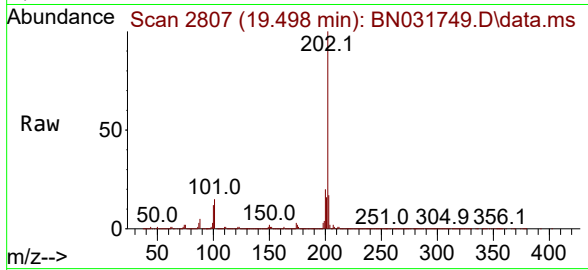
Tgt Ion:202 Resp: 1760987
 Ion Ratio Lower Upper
 202 100
 101 12.8 10.3 15.5
 100 9.6 8.0 12.0





#82
 Pyrene
 Concen: 17.712 ng/ul
 RT: 19.498 min Scan# 2807
 Delta R.T. 0.006 min
 Lab File: BN031749.D
 Acq: 31 May 2024 19:35

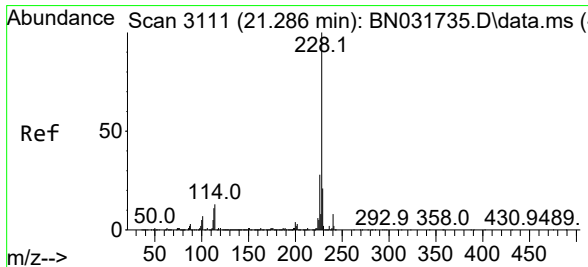
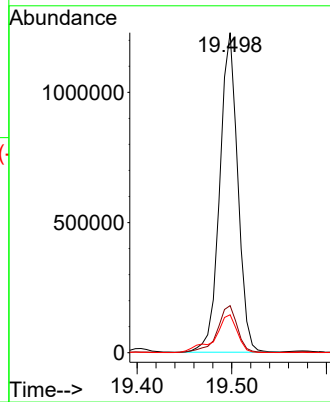
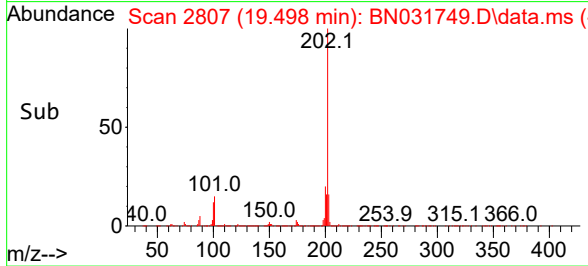
Instrument :
 BNA_N
 ClientSampleId :
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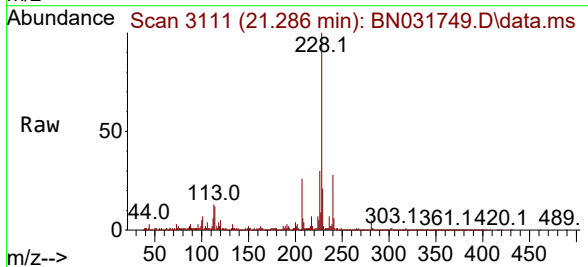
Tgt Ion:202 Resp: 1625384
 Ion Ratio Lower Upper
 202 100
 101 14.7 12.6 18.8
 100 11.9 10.2 15.2

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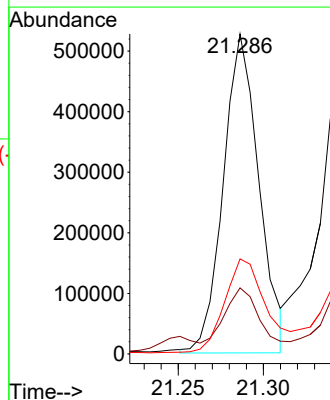
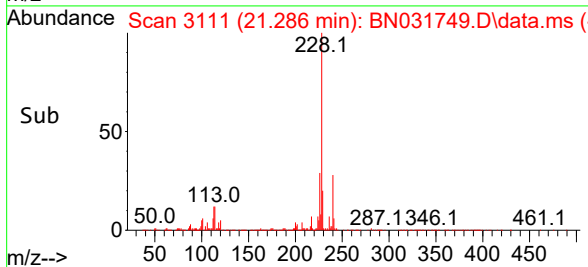
Reviewed By :Jagrut Upadhyay 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024

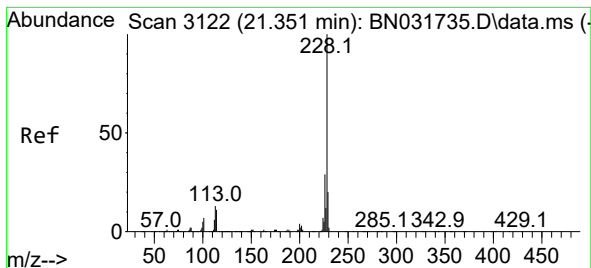


#85
 Benzo(a)anthracene
 Concen: 8.163 ng/ul
 RT: 21.286 min Scan# 3111
 Delta R.T. -0.000 min
 Lab File: BN031749.D
 Acq: 31 May 2024 19:35



Tgt Ion:228 Resp: 764175
 Ion Ratio Lower Upper
 228 100
 229 20.6 16.7 25.1
 226 29.7 22.8 34.2





#87

Chrysene

Concen: 9.037 ng/ul

RT: 21.345 min Scan# 3122

Delta R.T. -0.006 min

Lab File: BN031749.D

Acq: 31 May 2024 19:35

Instrument :

BNA_N

ClientSampleId :

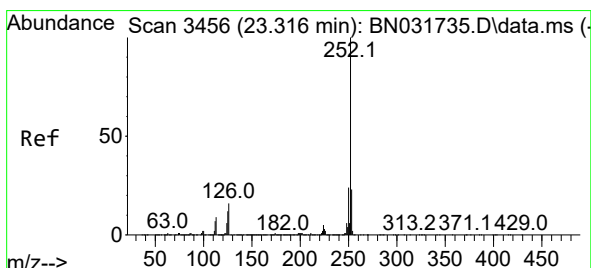
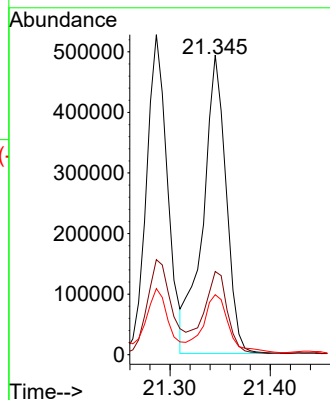
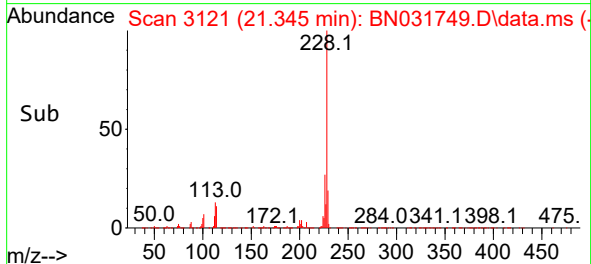
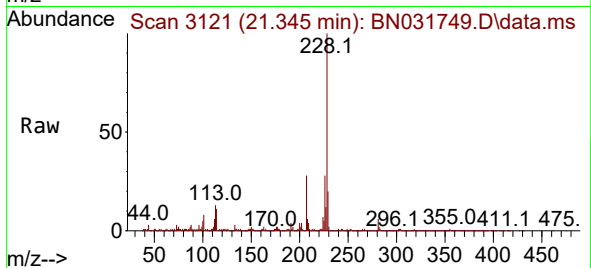
BHBM7

Tgt Ion:	228	Resp:	790158
Ion Ratio	Lower	Upper	
228	100		
226	27.8	23.7	35.5
229	20.0	15.1	22.7

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 10.395 ng/ul

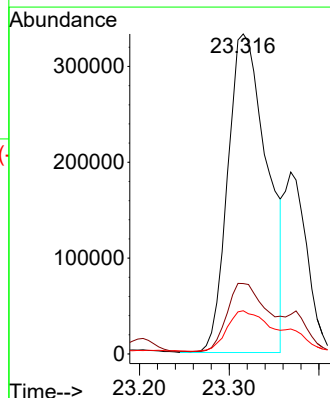
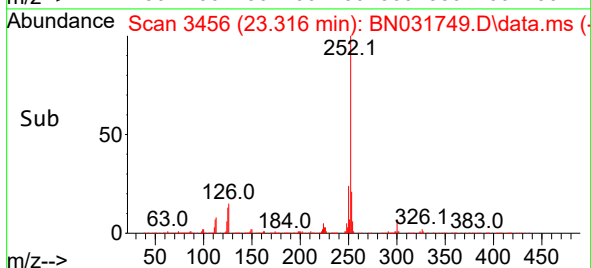
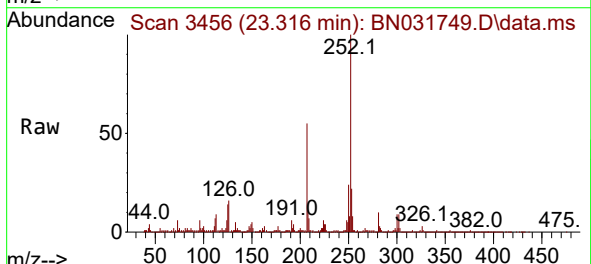
RT: 23.316 min Scan# 3456

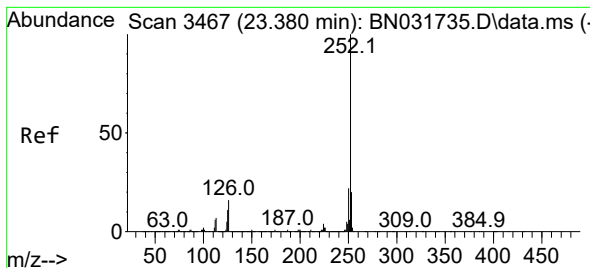
Delta R.T. 0.006 min

Lab File: BN031749.D

Acq: 31 May 2024 19:35

Tgt Ion:	252	Resp:	1014027
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.0	25.6
125	13.5	9.2	13.8





#91

Benzo(k)fluoranthene

Concen: 3.407 ng/ul

RT: 23.369 min Scan# 3467

Delta R.T. -0.006 min

Lab File: BN031749.D

Acq: 31 May 2024 19:35

Instrument :

BNA_N

ClientSampleId :

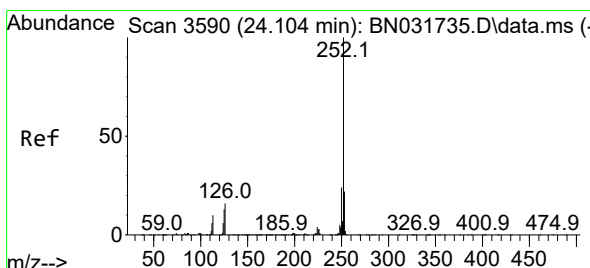
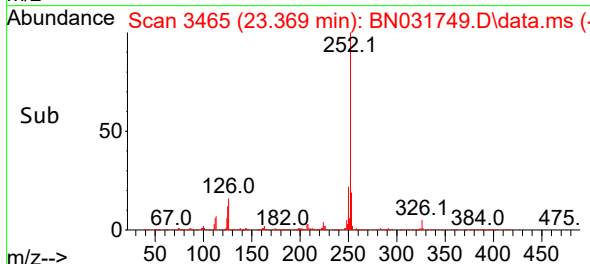
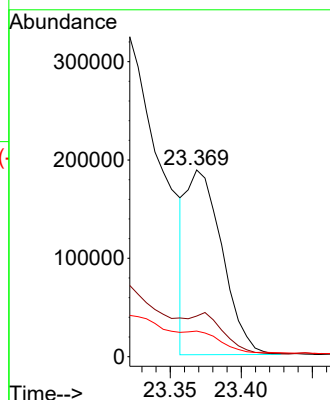
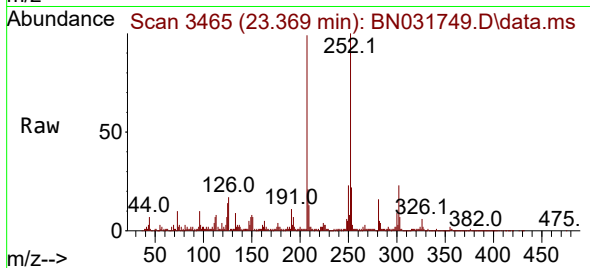
BHBM7

Tgt Ion:	252	Resp:	326159
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.6	26.4
125	13.7	9.4	14.2

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 7.974 ng/ul

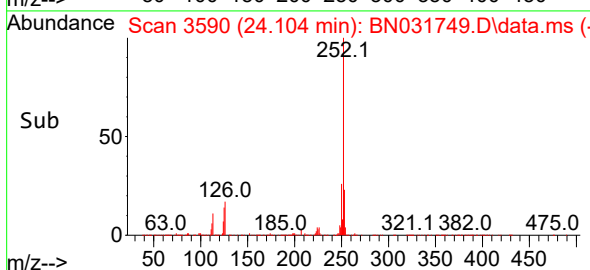
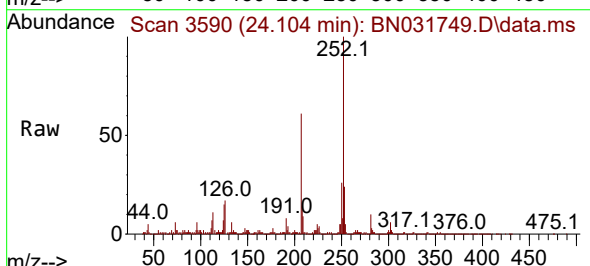
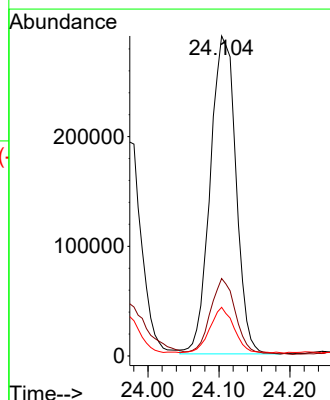
RT: 24.104 min Scan# 3590

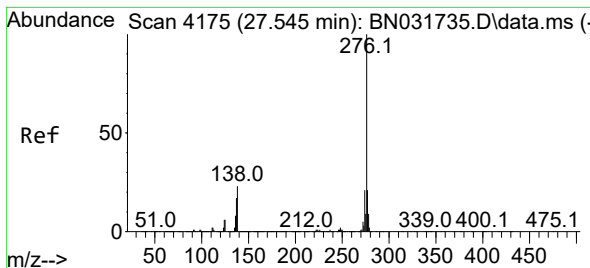
Delta R.T. -0.000 min

Lab File: BN031749.D

Acq: 31 May 2024 19:35

Tgt Ion:	252	Resp:	728582
Ion Ratio	Lower	Upper	
252	100		
253	24.2	16.6	24.8
125	15.2	9.8	14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.995 ng/ul

RT: 27.551 min Scan# 4175

Delta R.T. 0.018 min

Lab File: BN031749.D

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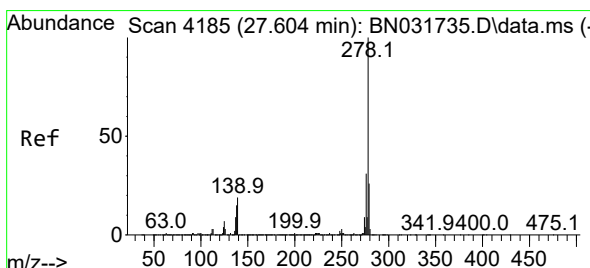
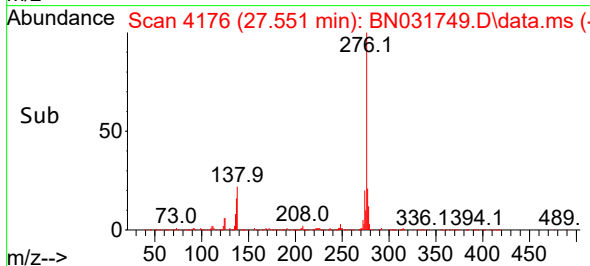
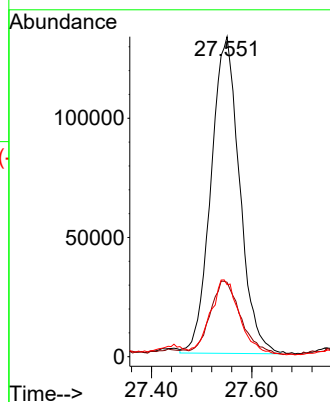
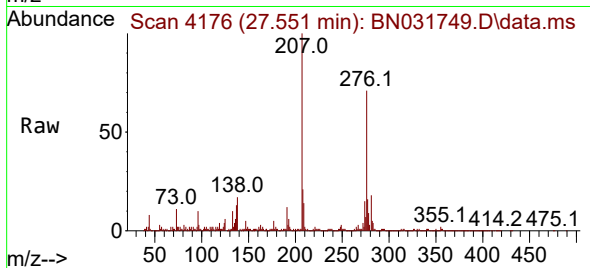
BHBM7

Tgt Ion:	276	Resp:	52592
Ion Ratio	Lower	Upper	
276	100		
138	23.3	18.1	27.1
277	22.5	18.2	27.2

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#95

Dibenzo(a,h)anthracene

Concen: 1.615 ng/ul m

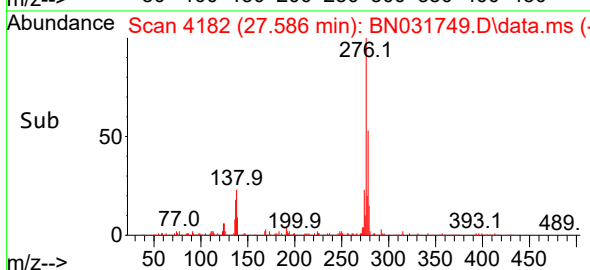
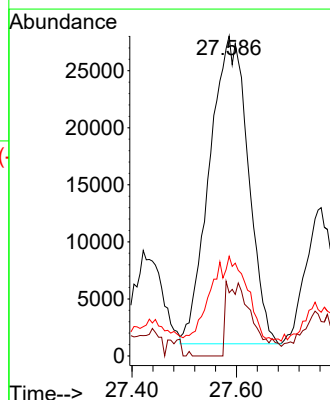
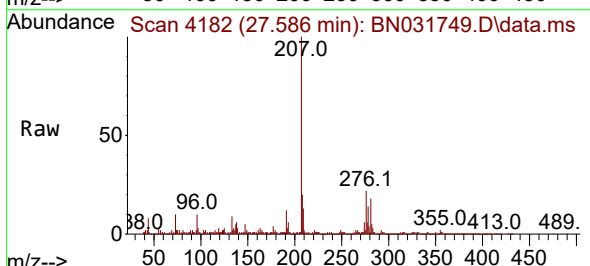
RT: 27.586 min Scan# 4182

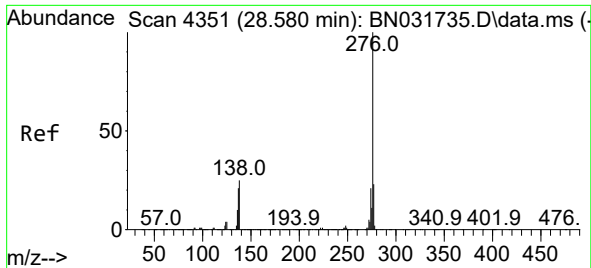
Delta R.T. -0.018 min

Lab File: BN031749.D

Acq: 31 May 2024 19:35

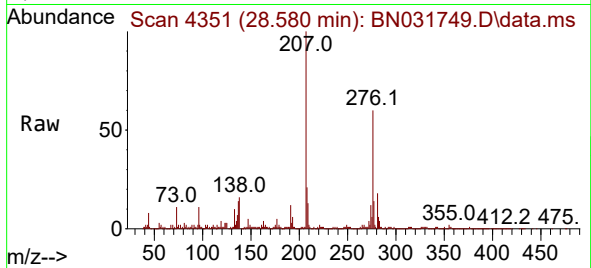
Tgt Ion:	278	Resp:	138800
Ion Ratio	Lower	Upper	
278	100		
139	19.8	15.0	22.6
279	31.1	17.4	26.0





#96
 Benzo(g,h,i)perylene
 Concen: 5.822 ng/ul
 RT: 28.580 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: BN031749.D
 Acq: 31 May 2024 19:35

Instrument :
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Tgt Ion:276 Resp: 487230
 Ion Ratio Lower Upper
 276 100
 138 25.9 20.9 31.3
 277 22.8 18.0 27.0

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