

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
 Data File : BN021789.D
 Acq On : 16 Sep 2022 15:17
 Operator : CG/JU
 Sample : N4601-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5745

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2022
 Supervised By :mohammad ahmed 09/19/2022

Quant Time: Sep 17 00:21:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 17 00:17:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	175033	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	788138	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.704	164	485789	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	971944	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.651	240	702945	20.000	ng/u1	0.00
88) Perylene-d12	24.163	264	570540	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	14206	3.047	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.205	99	309366	19.488	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	210899	21.947	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	258917	22.418	ng/u1	0.00
15) 4-Methylphenol-d8	8.763	113	240605	19.316	ng/u1	0.00
21) Nitrobenzene-d5	9.228	128	141033	26.265	ng/u1	0.00
24) 2-Nitrophenol-d4	9.952	143	147721	30.800	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	249408	23.480	ng/u1	0.00
31) 4-Chloroaniline-d4	11.022	131	80000	4.435	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	811500	24.440	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	978729	25.284	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	59555	9.014	ng/u1	0.00
60) Fluorene-d10	15.698	176	704967	24.401	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	72715	18.704	ng/u1	0.00
73) Anthracene-d10	17.557	188	997258	23.283	ng/u1	0.00
81) Pyrene-d10	19.851	212	1070591	32.025	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.992	264	710792	26.284	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.498	178	394451	7.683	ng/u1	100
80) Fluoranthene	19.516	202	923236m	22.896	ng/u1	
82) Pyrene	19.881	202	773860	18.414	ng/u1#	91
85) Benzo(a)anthracene	21.633	228	313944	7.418	ng/u1	98
87) Chrysene	21.686	228	351362	8.574	ng/u1	98
90) Benzo(b)fluoranthene	23.392	252	427456	12.315	ng/u1#	94
91) Benzo(k)fluoranthene	23.433	252	135936m	4.378	ng/u1	
93) Benzo(a)pyrene	24.045	252	261537	7.875	ng/u1#	97
94) Indeno(1,2,3-cd)pyrene	26.792	276	191146	4.688	ng/u1	95
95) Dibenzo(a,h)anthracene	26.810	278	44392	1.290	ng/u1#	85
96) Benzo(g,h,i)perylene	27.615	276	155324	4.366	ng/u1	97

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

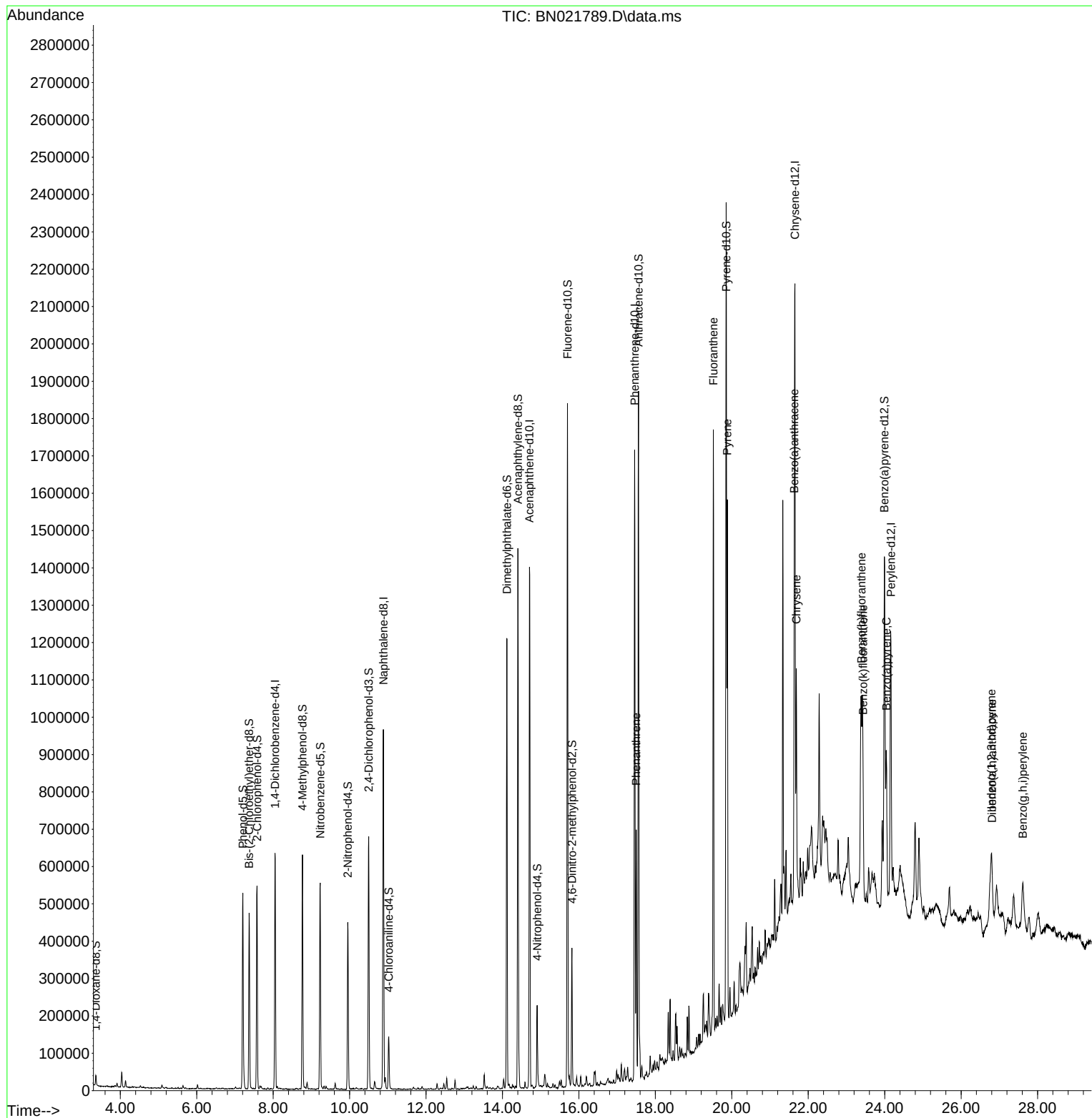
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
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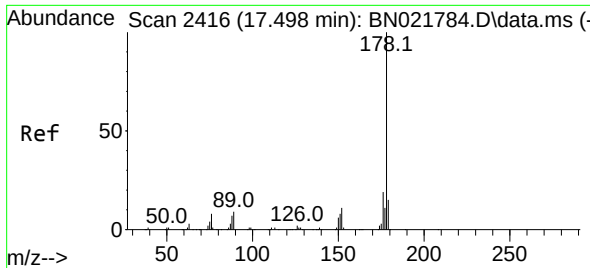
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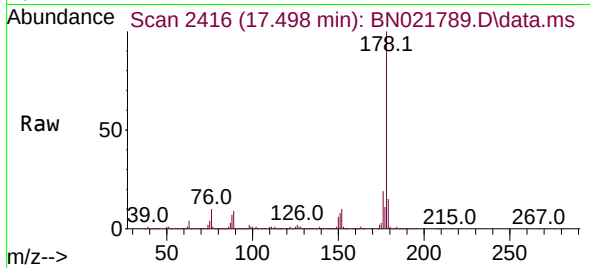
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#72
Phenanthrene
Concen: 7.683 ng/ul
RT: 17.498 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BN021789.D
Acq: 16 Sep 2022 15:17

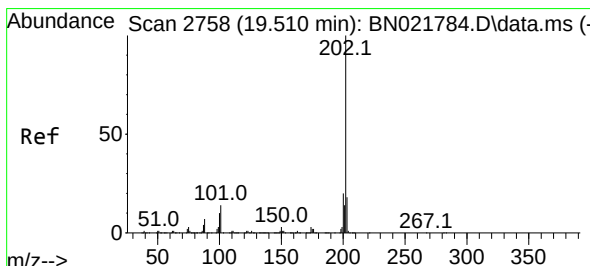
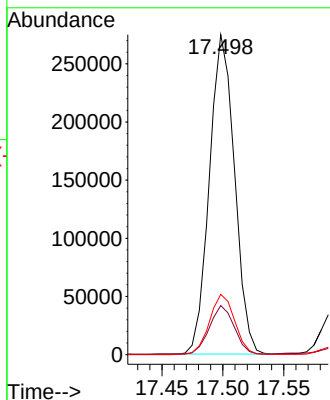
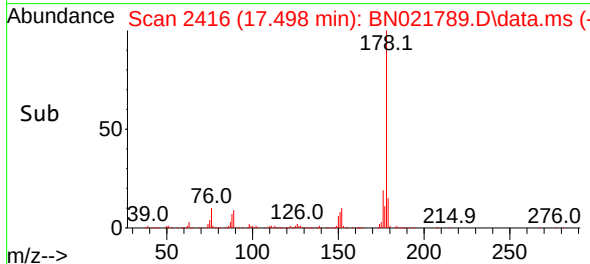
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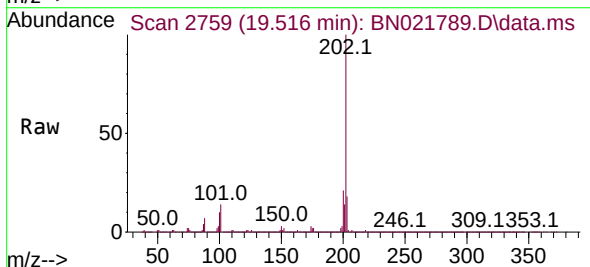
Tgt Ion:178 Resp: 394451
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 18.8 15.2 22.8

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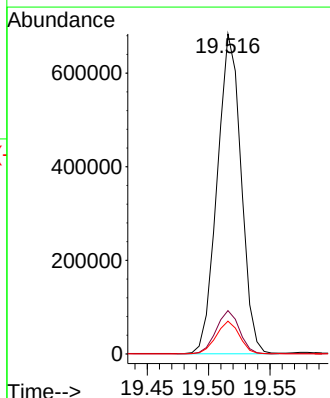
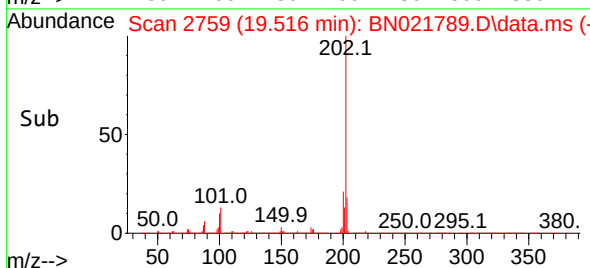
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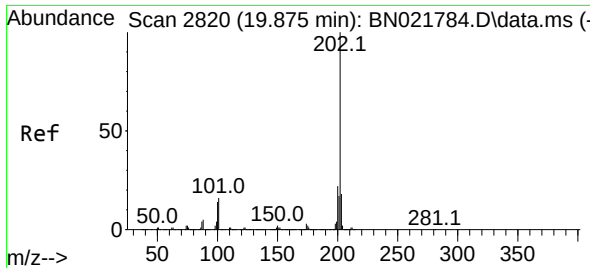


#80
Fluoranthene
Concen: 22.896 ng/ul m
RT: 19.516 min Scan# 2759
Delta R.T. 0.006 min
Lab File: BN021789.D
Acq: 16 Sep 2022 15:17



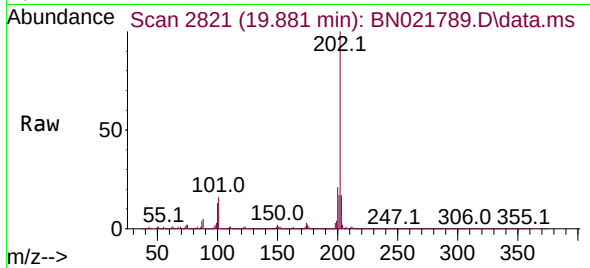
Tgt Ion:202 Resp: 923236
Ion Ratio Lower Upper
202 100
101 13.5 8.9 13.3#
100 10.2 6.7 10.1#





#82
Pyrene
Concen: 18.414 ng/ul
RT: 19.881 min Scan# 2820
Delta R.T. 0.006 min
Lab File: BN021789.D
Acq: 16 Sep 2022 15:17

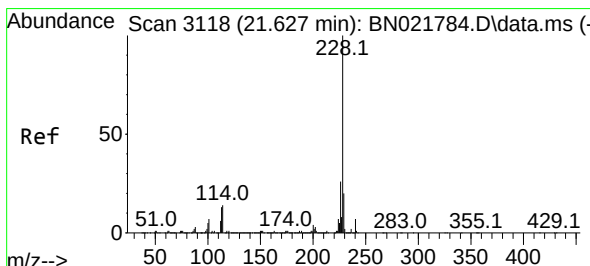
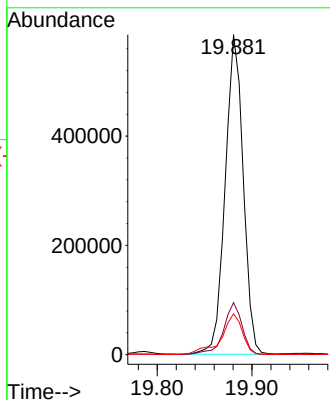
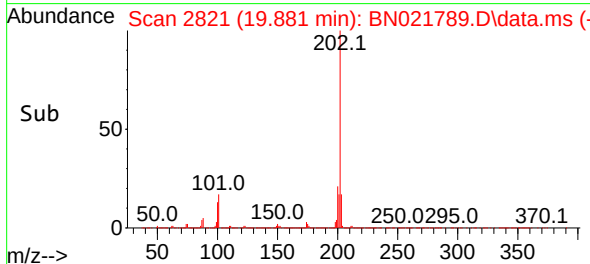
Instrument :
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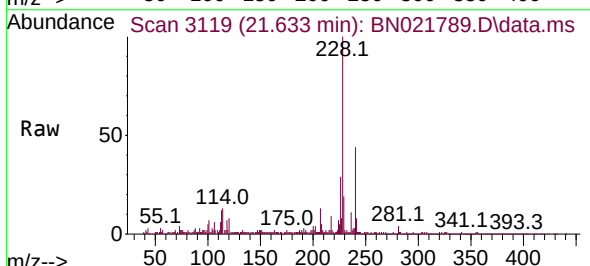
Tgt Ion:202 Resp: 773860
Ion Ratio Lower Upper
202 100
101 16.2 9.7 14.5
100 12.7 8.0 12.0

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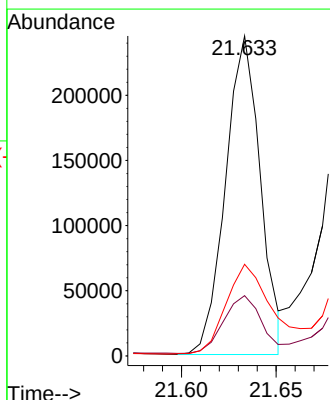
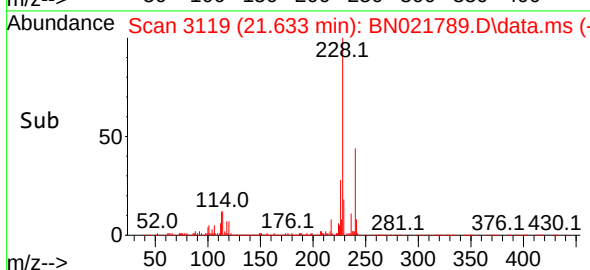
Reviewed By :Jagrut Upadhyay 09/19/2022
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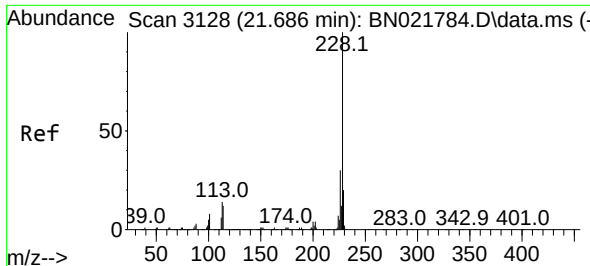


#85
Benzo(a)anthracene
Concen: 7.418 ng/ul
RT: 21.633 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BN021789.D
Acq: 16 Sep 2022 15:17



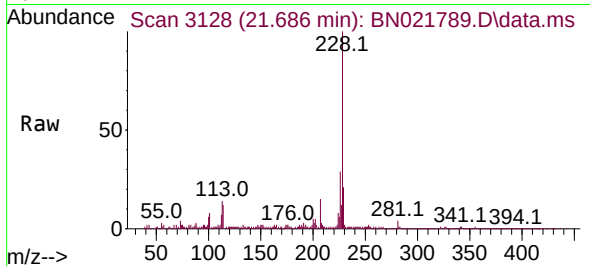
Tgt Ion:228 Resp: 313944
Ion Ratio Lower Upper
228 100
229 18.8 16.3 24.5
226 28.6 23.2 34.8





#87
Chrysene
Concen: 8.574 ng/ul
RT: 21.686 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BN021789.D
Acq: 16 Sep 2022 15:17

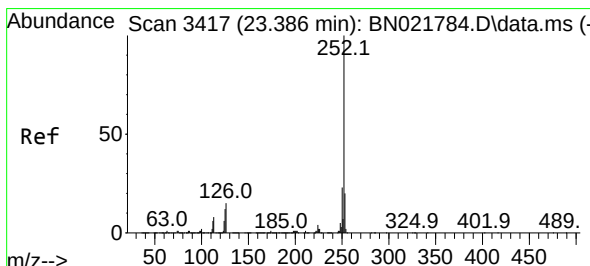
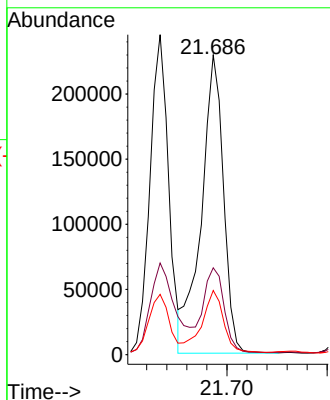
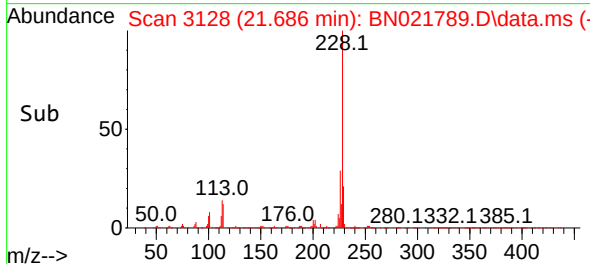
Instrument :
BNA_N
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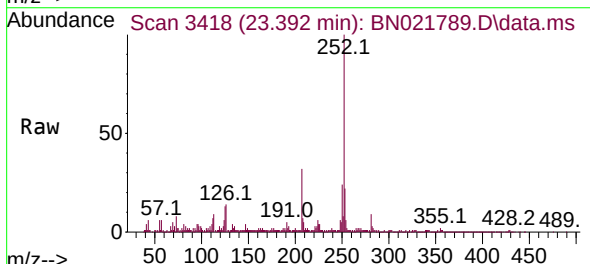
Tgt Ion:228 Resp: 351362
Ion Ratio Lower Upper
228 100
226 29.0 24.2 36.2
229 21.4 16.2 24.2

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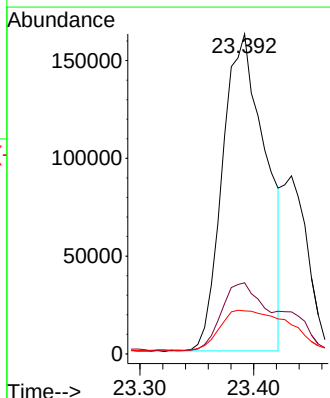
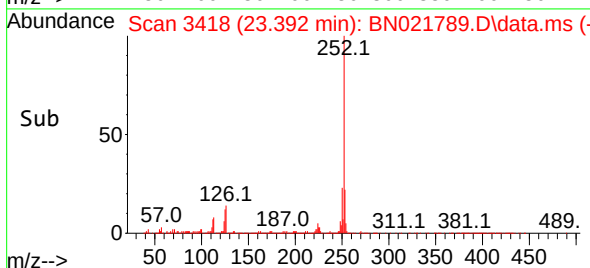
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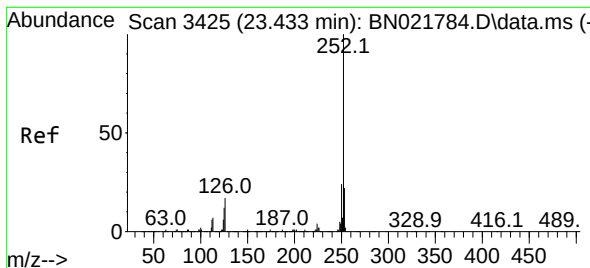


#90
Benzo(b)fluoranthene
Concen: 12.315 ng/ul
RT: 23.392 min Scan# 3418
Delta R.T. 0.006 min
Lab File: BN021789.D
Acq: 16 Sep 2022 15:17



Tgt Ion:252 Resp: 427456
Ion Ratio Lower Upper
252 100
253 22.2 16.5 24.7
125 13.4 7.8 11.8#





#91

Benzo(k)fluoranthene

Concen: 4.378 ng/ul m

RT: 23.433 min Scan# 3425

Delta R.T. 0.000 min

Lab File: BN021789.D

Acq: 16 Sep 2022 15:17

Instrument :

BNA_N

ClientSampleId :

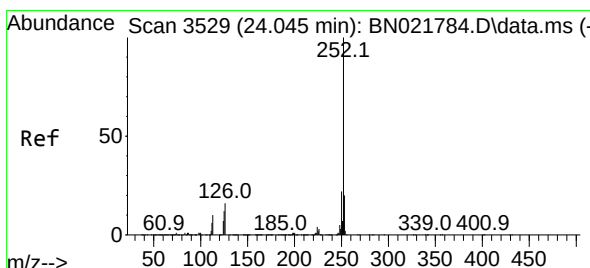
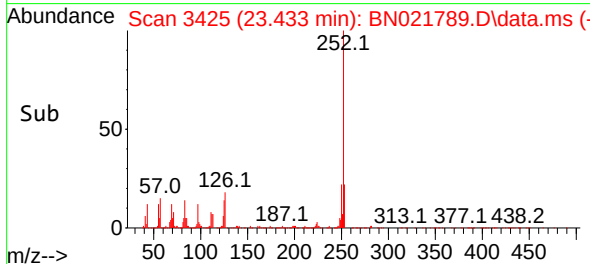
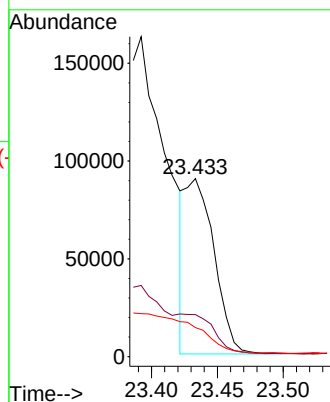
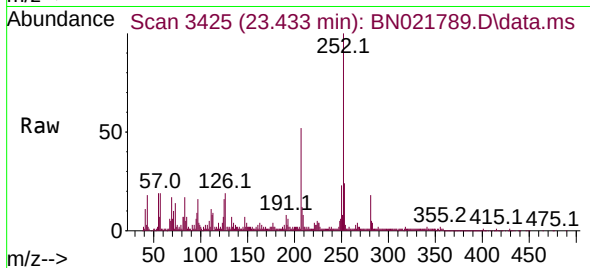
A5745

Tgt Ion:	252	Resp:	135936
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.2	27.4
125	16.3	8.2	12.4

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#93

Benzo(a)pyrene

Concen: 7.875 ng/ul

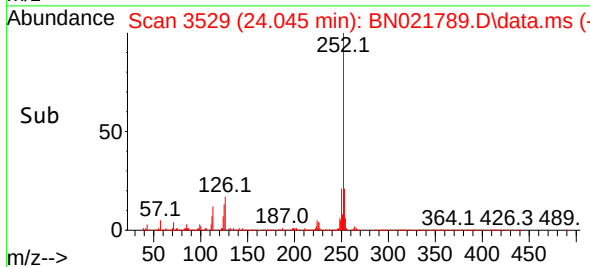
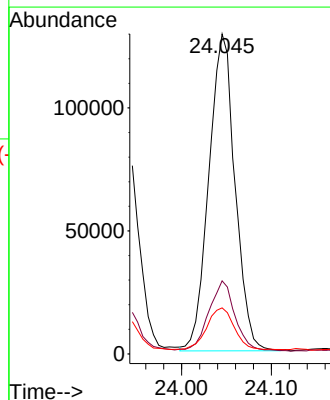
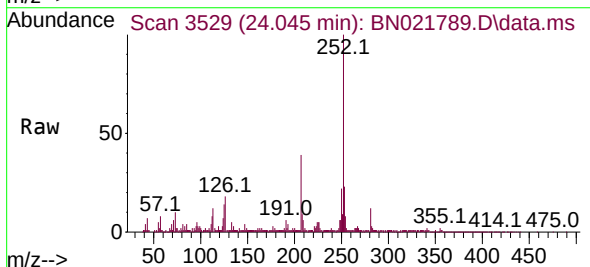
RT: 24.045 min Scan# 3529

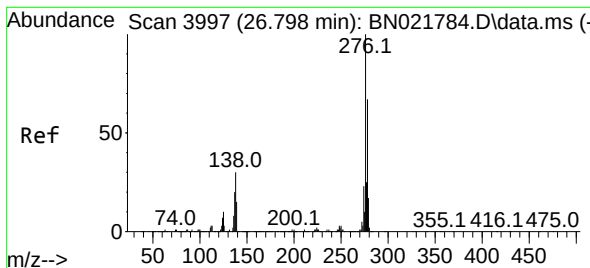
Delta R.T. 0.000 min

Lab File: BN021789.D

Acq: 16 Sep 2022 15:17

Tgt Ion:	252	Resp:	261537
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.7	28.1
125	14.4	9.2	13.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.688 ng/ul

RT: 26.792 min Scan# 3996

Delta R.T. -0.006 min

Lab File: BN021789.D

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ClientSampleId :

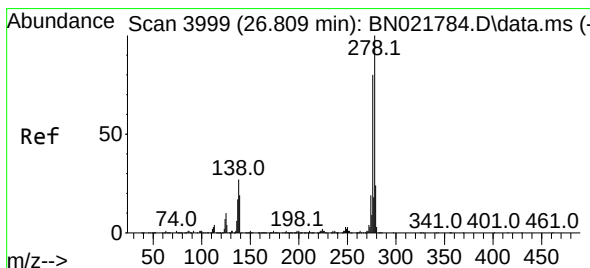
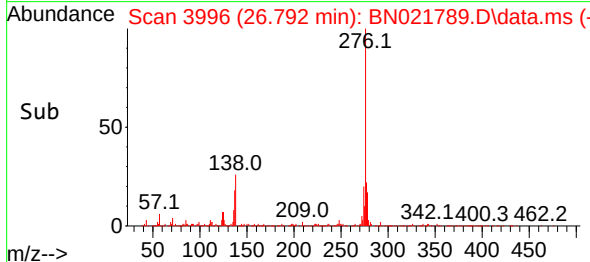
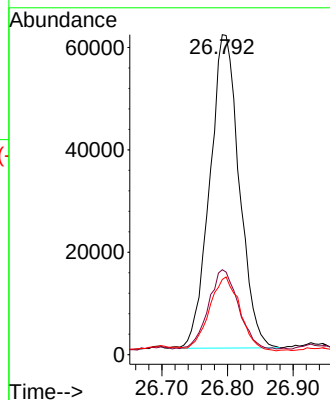
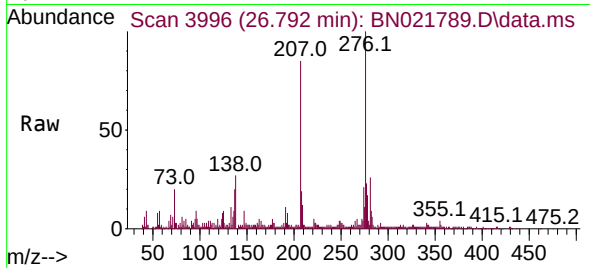
A5745

Tgt Ion:	276	Resp:	191146
Ion Ratio	Lower	Upper	
276	100		
138	26.5	19.5	29.3
277	23.5	21.4	32.0

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#95

Dibenzo(a,h)anthracene

Concen: 1.290 ng/ul

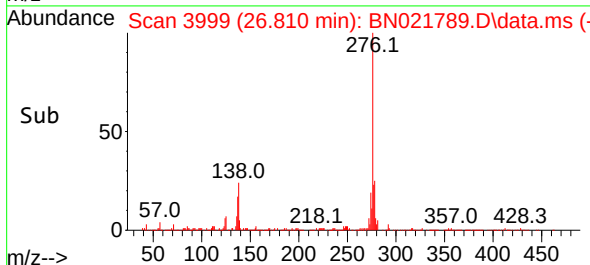
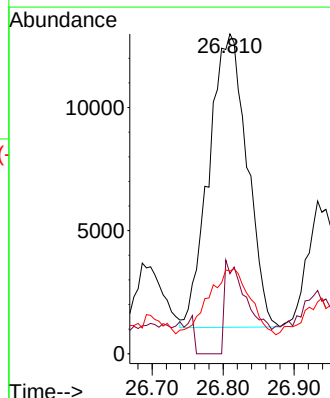
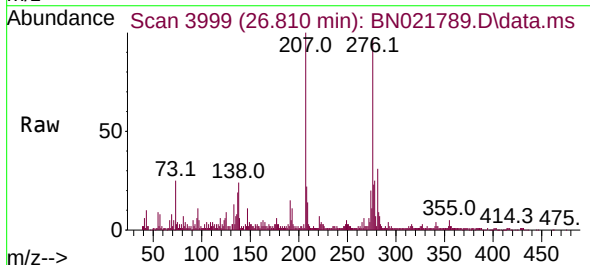
RT: 26.810 min Scan# 3999

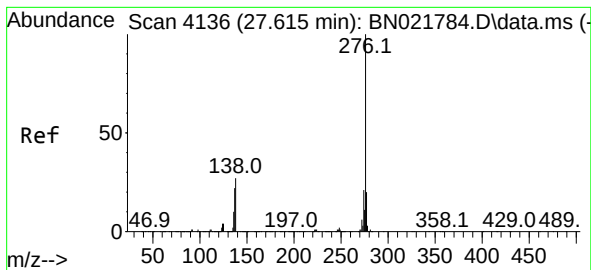
Delta R.T. 0.000 min

Lab File: BN021789.D

Acq: 16 Sep 2022 15:17

Tgt Ion:	278	Resp:	44392
Ion Ratio	Lower	Upper	
278	100		
139	28.9	13.8	20.8
279	25.9	18.3	27.5





#96

Benzo(g,h,i)perylene

Concen: 4.366 ng/ul

RT: 27.615 min Scan# 41

Delta R.T. 0.000 min

Lab File: BN021789.D

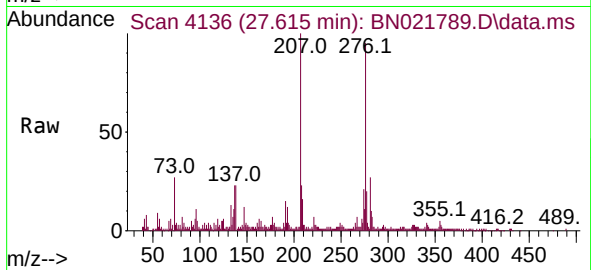
Acq: 16 Sep 2022 15:17

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Tgt Ion:276 Resp: 155324

Ion Ratio Lower Upper

276 100

138 23.9 17.0 25.6

277 21.6 17.8 26.6

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