

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033197.D
 Acq On : 02 Aug 2024 09:59
 Operator : MA/JU
 Sample : PB162329BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS329

Quant Time: Aug 02 10:38:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

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

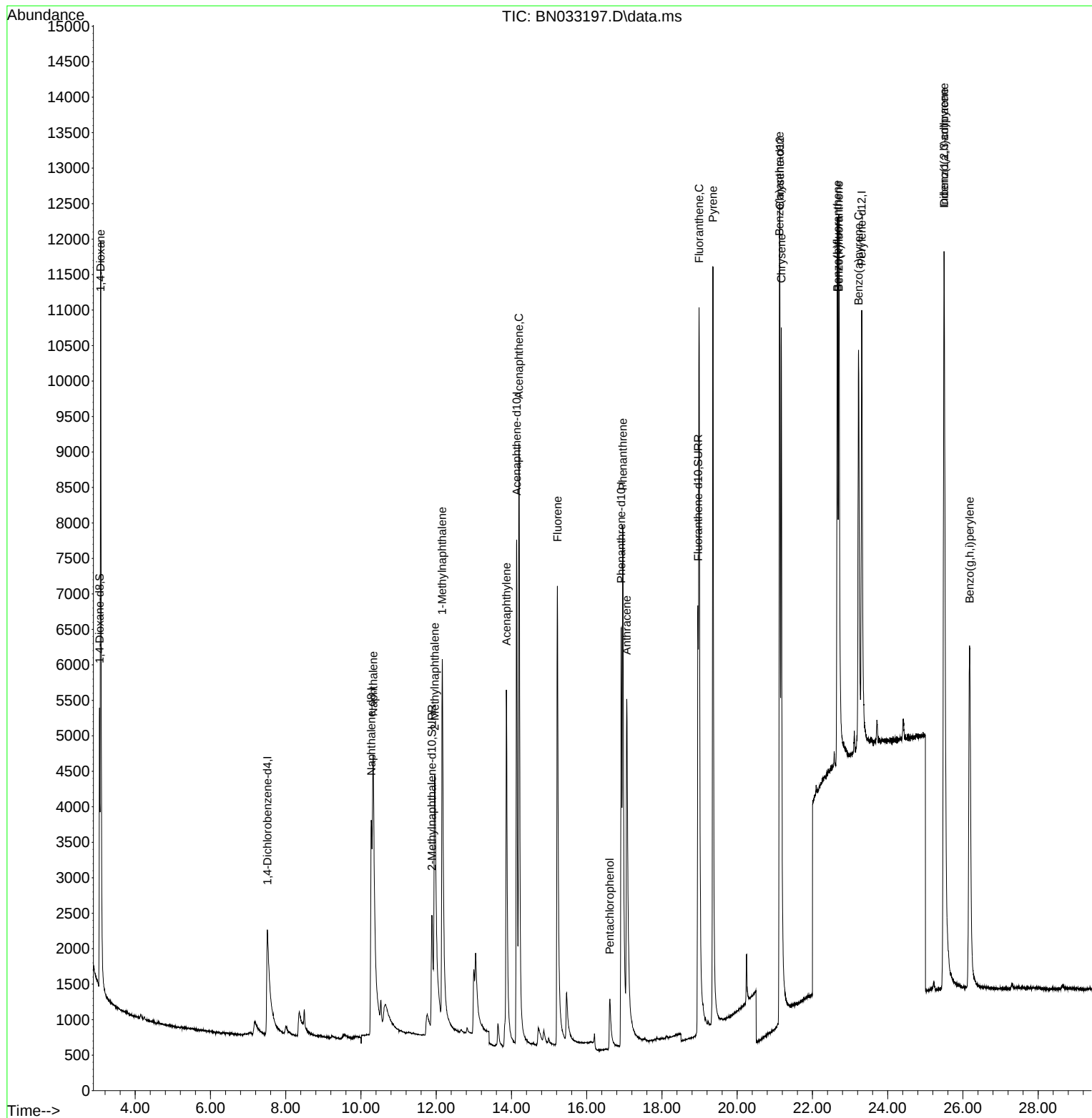
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.512	152	2819	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.273	136	9969	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.138	164	5804	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.920	188	11676	0.400	ng/ul	-0.02
17) Chrysene-d12	21.134	240	7921	0.400	ng/ul	-0.02
23) Perylene-d12	23.311	264	9656	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	2730	0.766	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.884	152	5146	0.316	ng/ul	-0.04
18) Fluoranthene-d10	18.958	212	10434	0.465	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.081	88	8038	1.977	ng/ul#	66
5) Naphthalene	10.328	128	10255	0.401	ng/ul	98
7) 2-Methylnaphthalene	11.961	142	5813	0.335	ng/ul	98
8) 1-Methylnaphthalene	12.159	142	6042	0.322	ng/ul	98
10) Acenaphthylene	13.866	152	9350	0.394	ng/ul	99
11) Acenaphthene	14.199	153	7437	0.416	ng/ul	99
12) Fluorene	15.221	166	7717	0.371	ng/ul	100
14) Pentachlorophenol	16.616	266	1119	0.471	ng/ul	99
15) Phenanthrene	16.962	178	11185	0.357	ng/ul	99
16) Anthracene	17.063	178	9832	0.349	ng/ul	98
19) Fluoranthene	18.986	202	12901	0.495	ng/ul	100
20) Pyrene	19.358	202	13305	0.476	ng/ul	97
21) Benzo(a)anthracene	21.122	228	9433	0.349	ng/ul	99
22) Chrysene	21.172	228	12334	0.391	ng/ul	99
24) Benzo(b)fluoranthene	22.662	252	10720	0.380	ng/ul	96
25) Benzo(k)fluoranthene	22.703	252	12677	0.375	ng/ul	95
26) Benzo(a)pyrene	23.226	252	11059	0.417	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.500	276	15020	0.372	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.497	278	11648	0.364	ng/ul	99
29) Benzo(g,h,i)perylene	26.181	276	11976	0.373	ng/ul	97

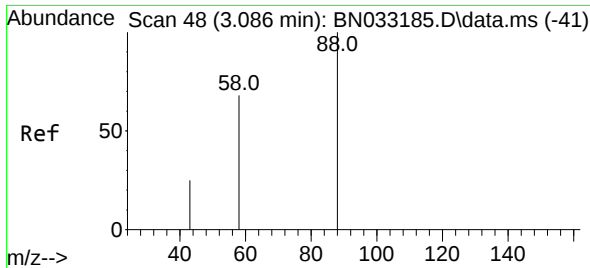
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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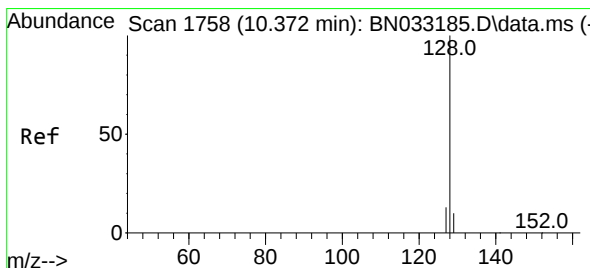
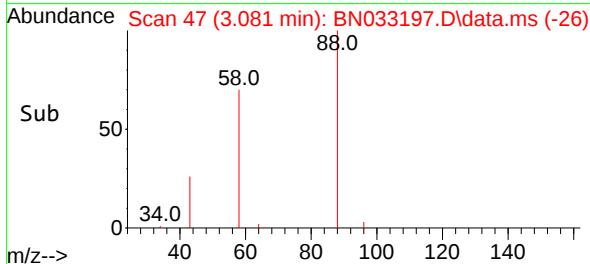
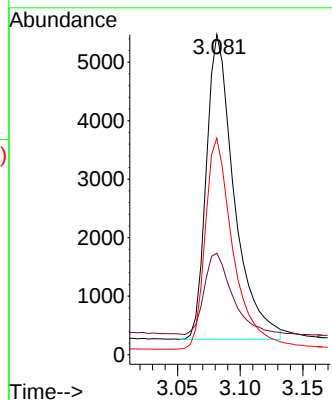
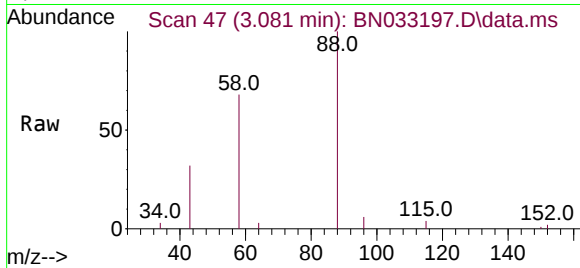




#2
1,4-Dioxane
Concen: 1.977 ng/ul
RT: 3.081 min Scan# 41
Delta R.T. -0.012 min
Lab File: BN033197.D
Acq: 02 Aug 2024 09:59

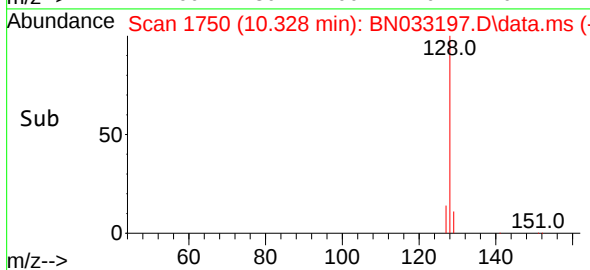
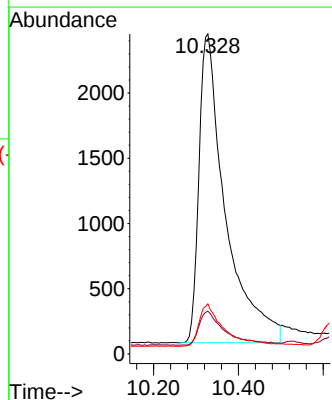
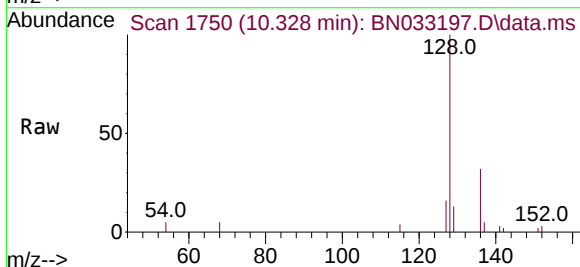
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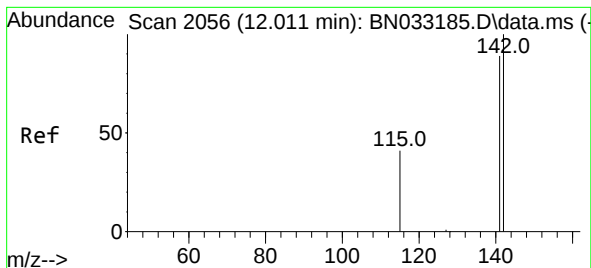
Tgt Ion: 88 Resp: 8038
Ion Ratio Lower Upper
88 100
43 31.7 63.4 95.2#
58 67.7 49.4 74.0



#5
Naphthalene
Concen: 0.401 ng/ul
RT: 10.328 min Scan# 1750
Delta R.T. -0.049 min
Lab File: BN033197.D
Acq: 02 Aug 2024 09:59

Tgt Ion:128 Resp: 10255
Ion Ratio Lower Upper
128 100
129 13.3 12.0 18.0
127 15.6 12.7 19.1

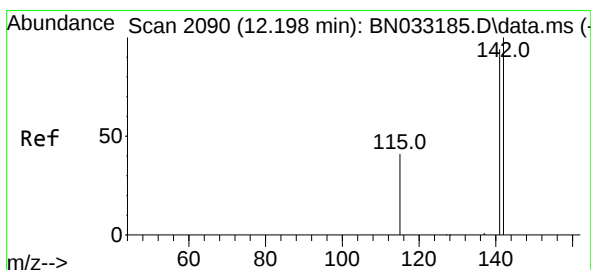
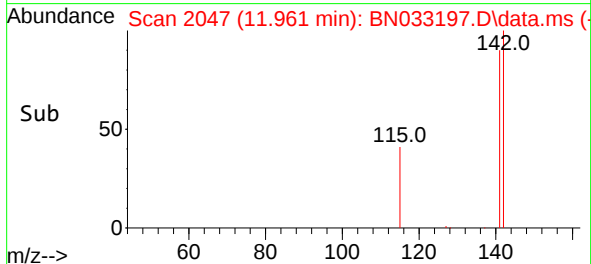
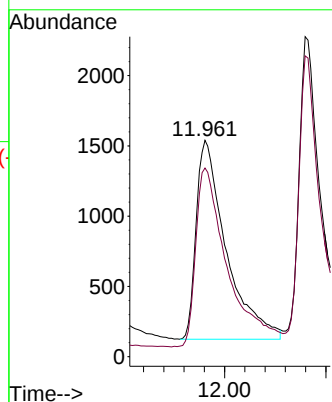
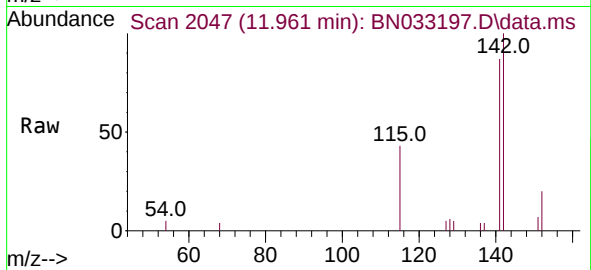




#7
2-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 11.961 min Scan# 2056
Delta R.T. -0.044 min
Lab File: BN033197.D
Acq: 02 Aug 2024 09:59

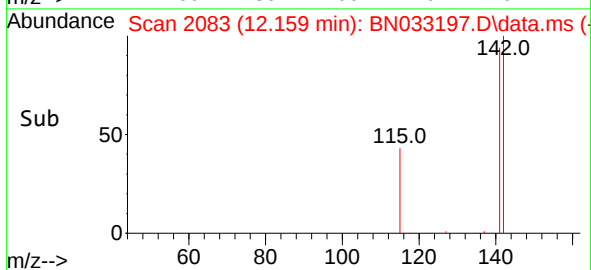
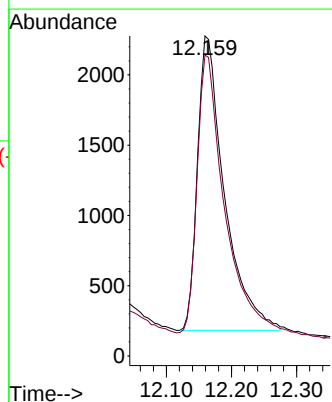
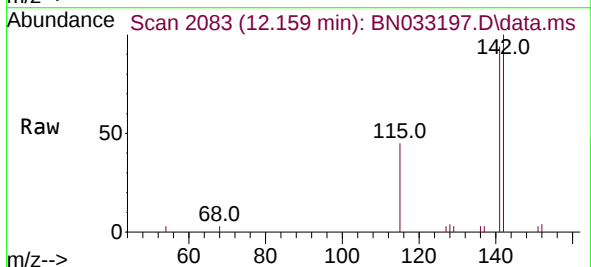
Instrument :
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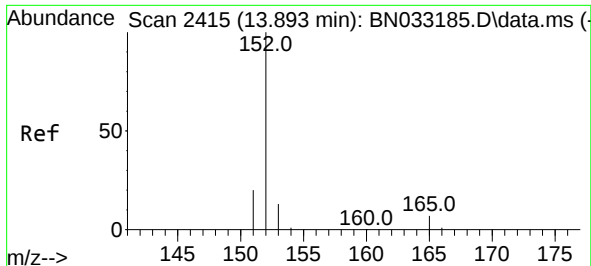
Tgt Ion:142 Resp: 5813
Ion Ratio Lower Upper
142 100
141 95.9 75.2 112.8



#8
1-Methylnaphthalene
Concen: 0.322 ng/ul
RT: 12.159 min Scan# 2083
Delta R.T. -0.038 min
Lab File: BN033197.D
Acq: 02 Aug 2024 09:59

Tgt Ion:142 Resp: 6042
Ion Ratio Lower Upper
142 100
141 95.2 74.3 111.5

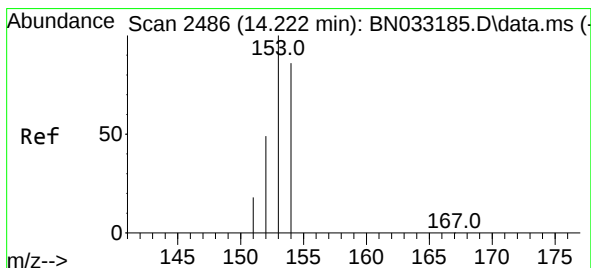
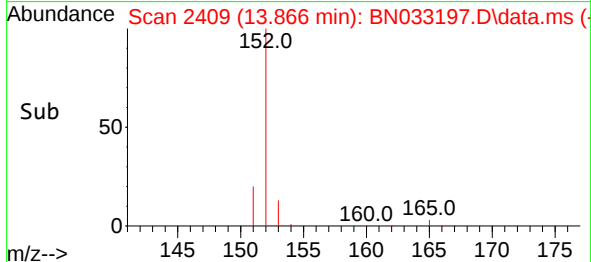
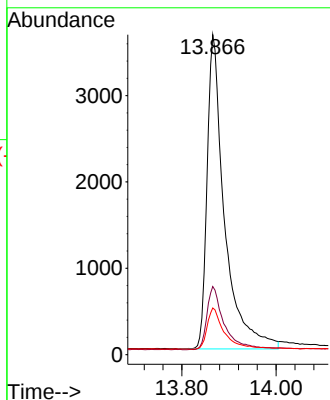
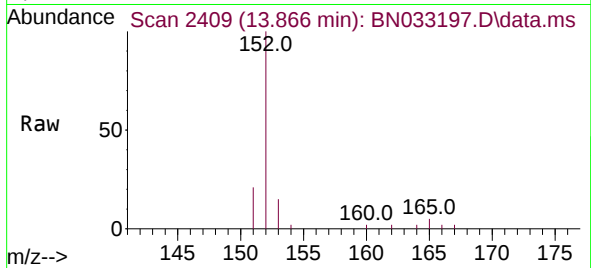




#10
Acenaphthylene
Concen: 0.394 ng/ul
RT: 13.866 min Scan# 2409
Delta R.T. -0.032 min
Lab File: BN033197.D
Acq: 02 Aug 2024 09:59

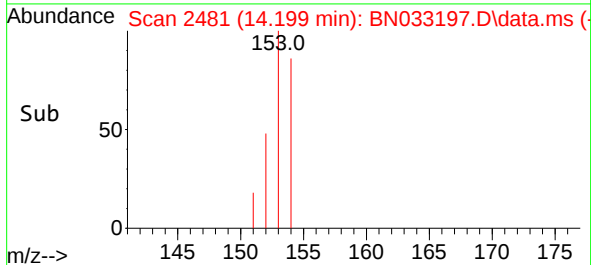
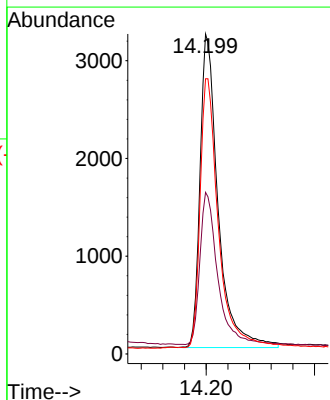
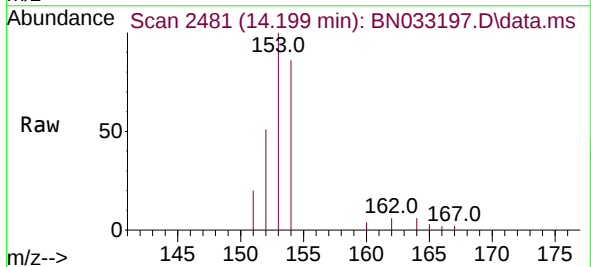
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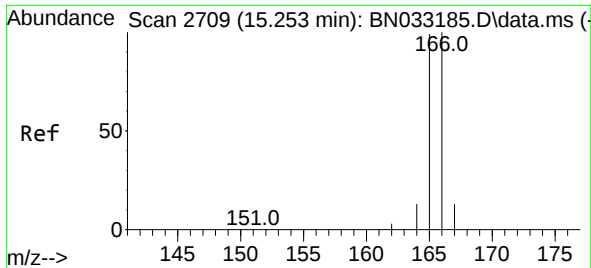
Tgt Ion:152 Resp: 9350
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2
153 14.6 11.9 17.9



#11
Acenaphthene
Concen: 0.416 ng/ul
RT: 14.199 min Scan# 2481
Delta R.T. -0.028 min
Lab File: BN033197.D
Acq: 02 Aug 2024 09:59

Tgt Ion:153 Resp: 7437
Ion Ratio Lower Upper
153 100
152 50.5 40.0 60.0
154 86.0 70.1 105.1

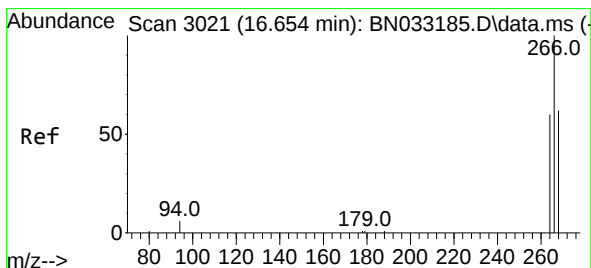
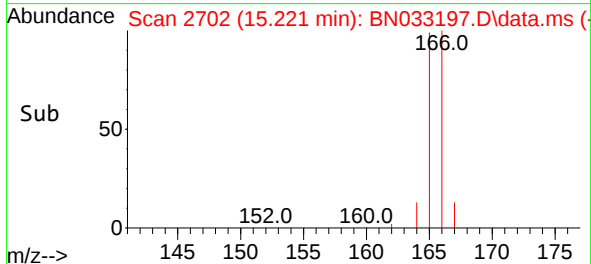
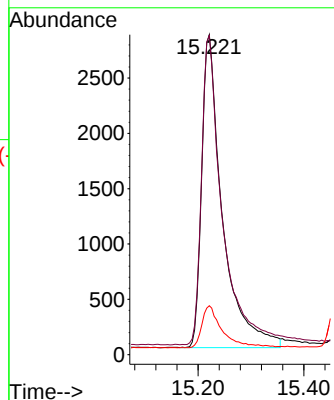
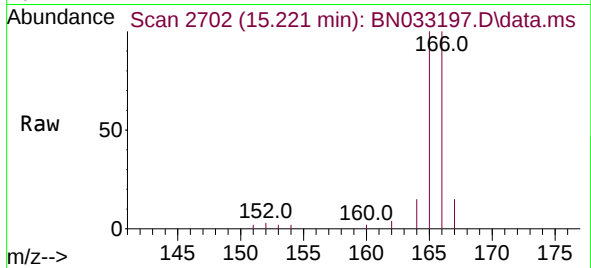




#12
 Fluorene
 Concen: 0.371 ng/ul
 RT: 15.221 min Scan# 21
 Delta R.T. -0.028 min
 Lab File: BN033197.D
 Acq: 02 Aug 2024 09:59

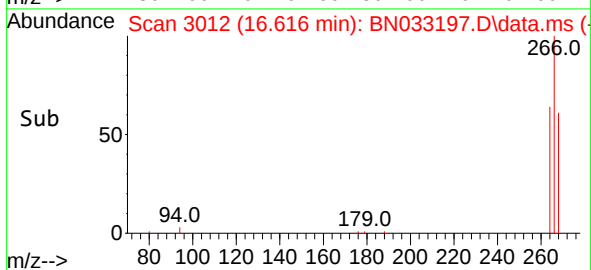
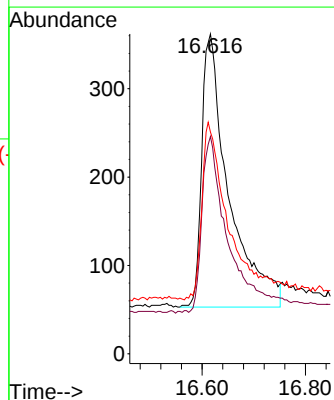
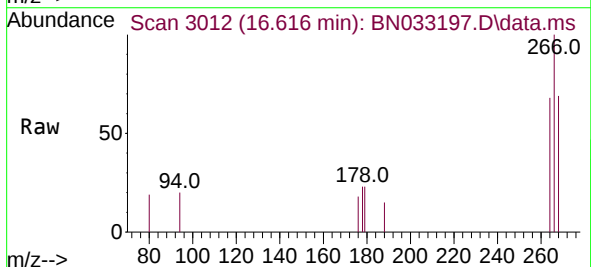
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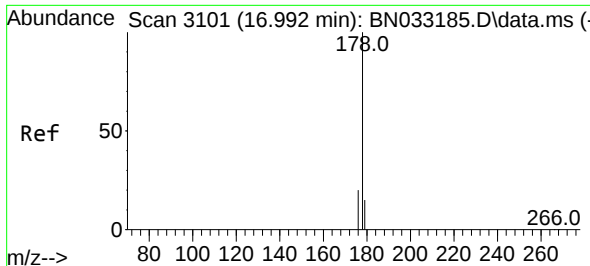
Tgt Ion:166 Resp: 7717
 Ion Ratio Lower Upper
 166 100
 165 99.8 79.6 119.4
 167 15.3 12.2 18.4



#14
 Pentachlorophenol
 Concen: 0.471 ng/ul
 RT: 16.616 min Scan# 3012
 Delta R.T. -0.025 min
 Lab File: BN033197.D
 Acq: 02 Aug 2024 09:59

Tgt Ion:266 Resp: 1119
 Ion Ratio Lower Upper
 266 100
 264 62.3 49.3 73.9
 268 65.9 51.8 77.8

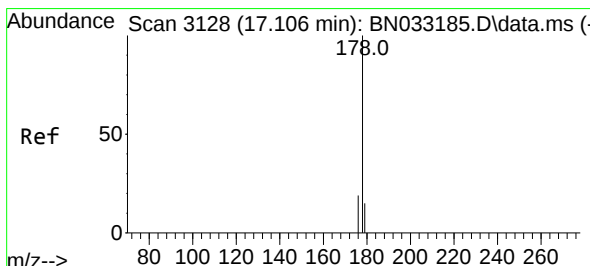
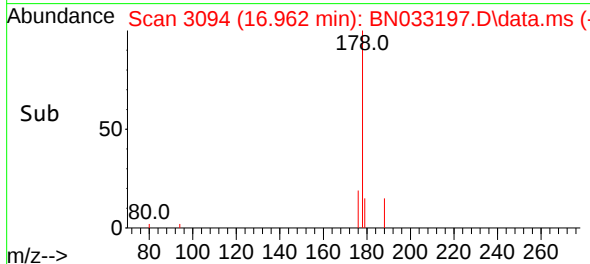
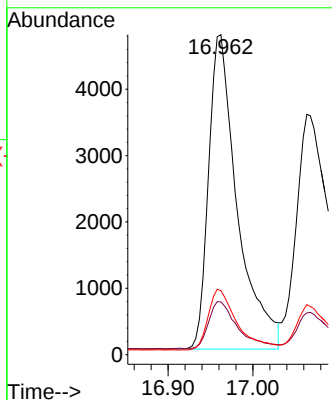
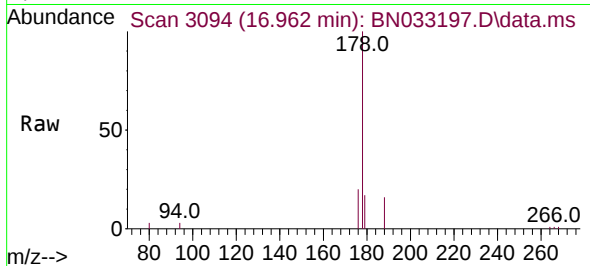




#15
Phenanthrene
Concen: 0.357 ng/ul
RT: 16.962 min Scan# 3101
Delta R.T. -0.021 min
Lab File: BN033197.D
Acq: 02 Aug 2024 09:59

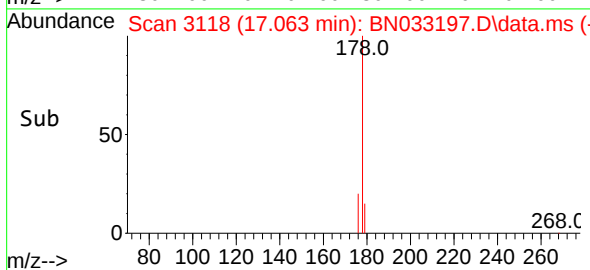
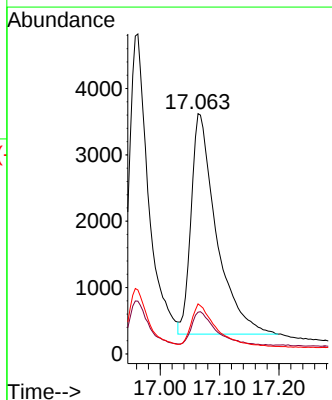
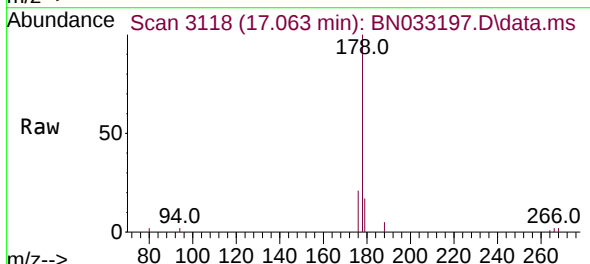
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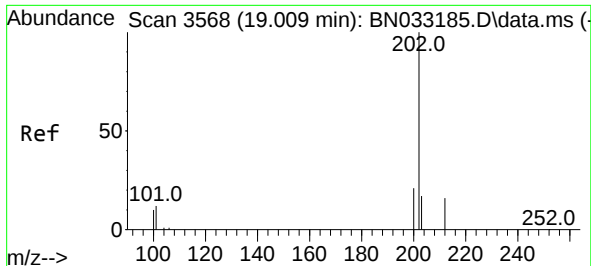
Tgt Ion:178 Resp: 11185
Ion Ratio Lower Upper
178 100
179 16.5 13.7 20.5
176 20.0 15.9 23.9



#16
Anthracene
Concen: 0.349 ng/ul
RT: 17.063 min Scan# 3118
Delta R.T. -0.025 min
Lab File: BN033197.D
Acq: 02 Aug 2024 09:59

Tgt Ion:178 Resp: 9832
Ion Ratio Lower Upper
178 100
179 17.3 14.3 21.5
176 20.8 15.8 23.8

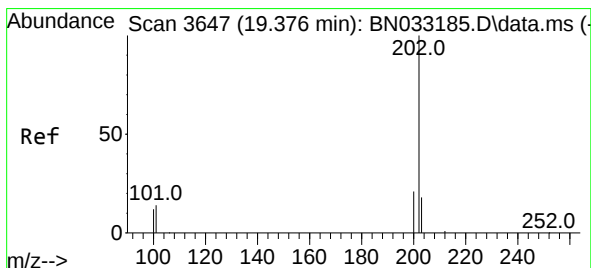
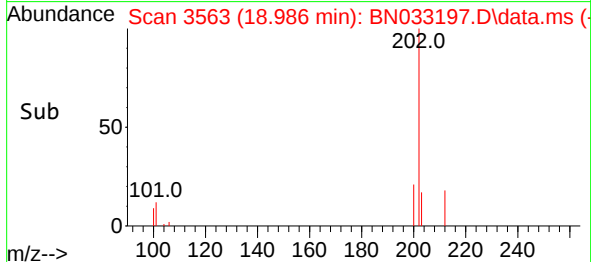
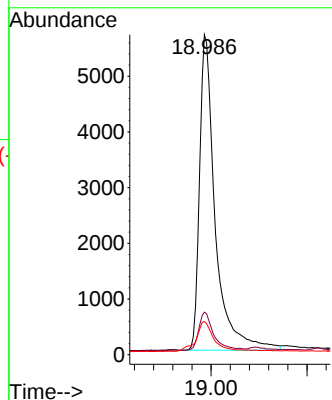
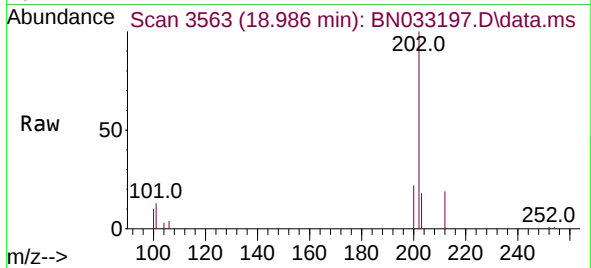




#19
Fluoranthene
Concen: 0.495 ng/ul
RT: 18.986 min Scan# 3563
Delta R.T. -0.018 min
Lab File: BN033197.D
Acq: 02 Aug 2024 09:59

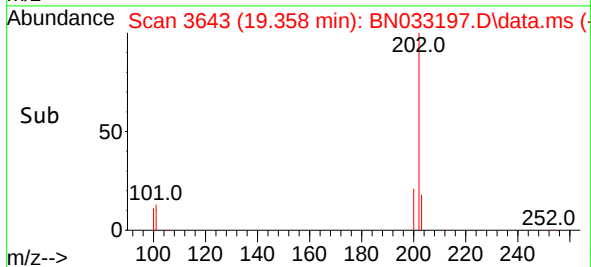
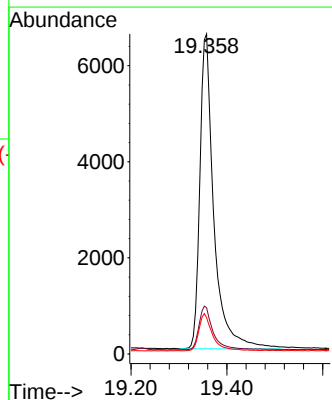
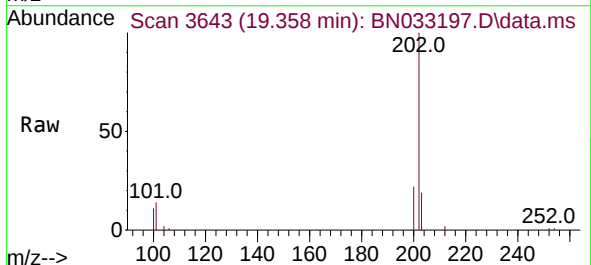
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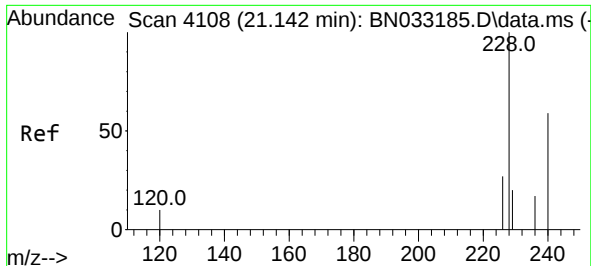
Tgt Ion:	202	Resp:	12901
Ion Ratio	Lower	Upper	
202	100		
101	13.3	10.7	16.1
100	10.3	8.3	12.5



#20
Pyrene
Concen: 0.476 ng/ul
RT: 19.358 min Scan# 3643
Delta R.T. -0.014 min
Lab File: BN033197.D
Acq: 02 Aug 2024 09:59

Tgt Ion:	202	Resp:	13305
Ion Ratio	Lower	Upper	
202	100		
101	14.4	12.6	18.8
100	11.3	9.9	14.9

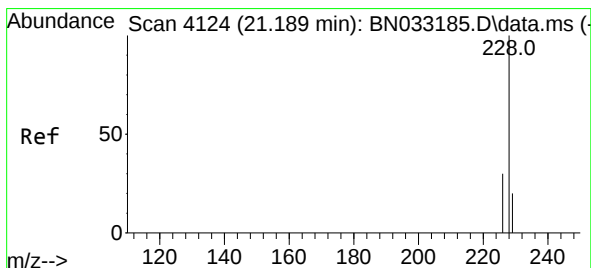
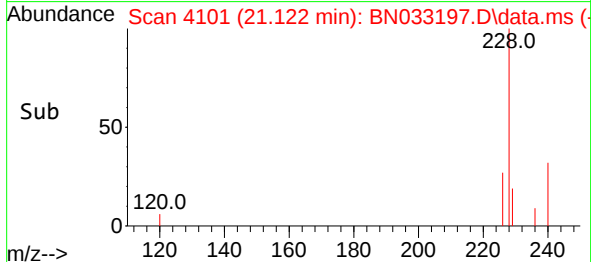
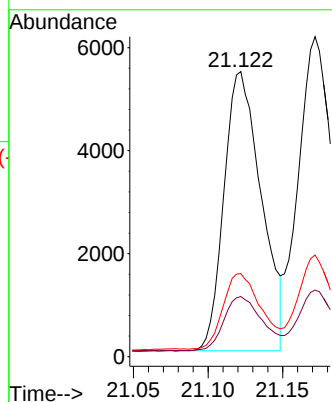
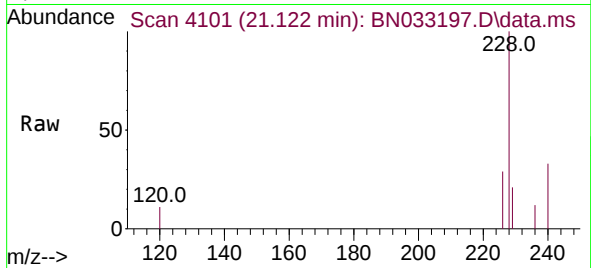




#21
Benzo(a)anthracene
Concen: 0.349 ng/ul
RT: 21.122 min Scan# 4110
Delta R.T. -0.014 min
Lab File: BN033197.D
Acq: 02 Aug 2024 09:59

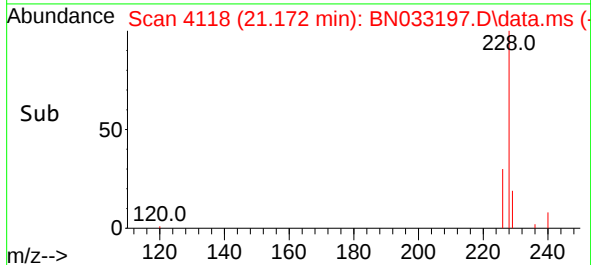
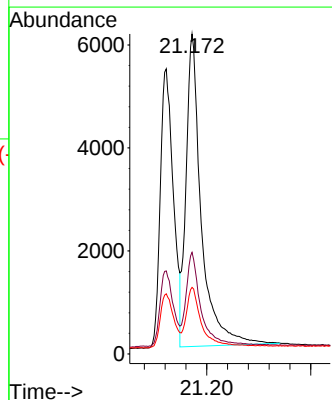
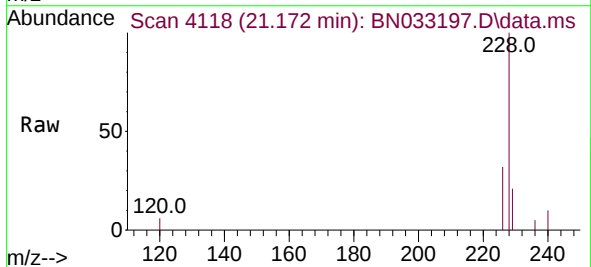
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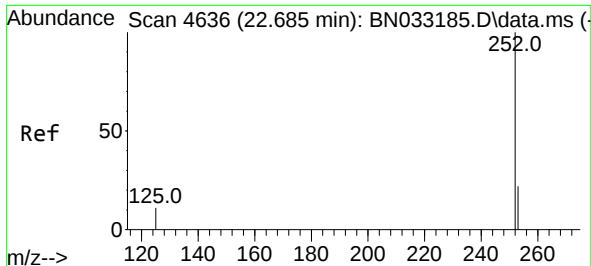
Tgt Ion:228 Resp: 9433
Ion Ratio Lower Upper
228 100
229 21.1 17.1 25.7
226 29.1 22.4 33.6



#22
Chrysene
Concen: 0.391 ng/ul
RT: 21.172 min Scan# 4118
Delta R.T. -0.017 min
Lab File: BN033197.D
Acq: 02 Aug 2024 09:59

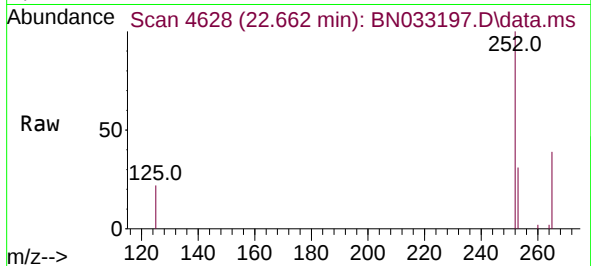
Tgt Ion:228 Resp: 12334
Ion Ratio Lower Upper
228 100
226 31.7 24.7 37.1
229 20.8 17.0 25.6



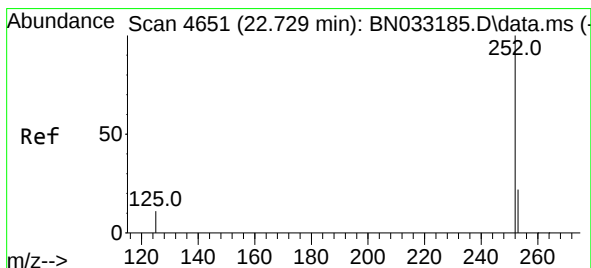
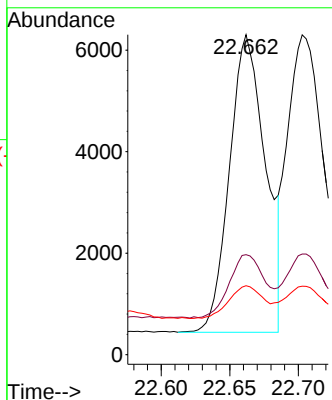


#24
Benzo(b)fluoranthene
Concen: 0.380 ng/ul
RT: 22.662 min Scan# 4628
Delta R.T. -0.020 min
Lab File: BN033197.D
Acq: 02 Aug 2024 09:59

Instrument :
BNA_N
ClientSampleId :
SLCS329

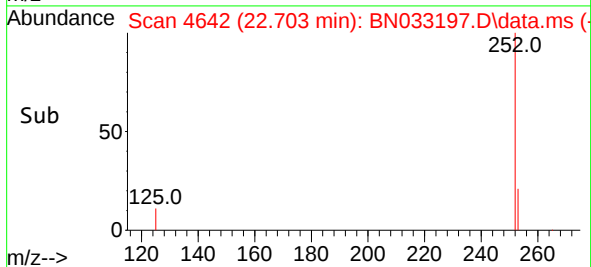
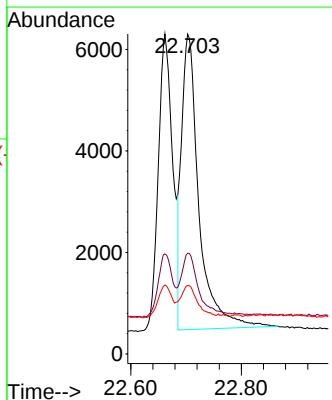
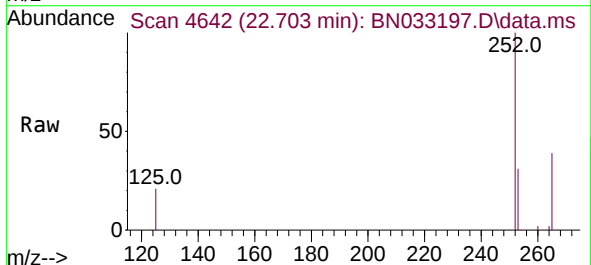


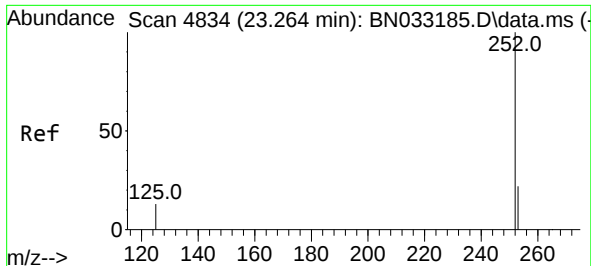
Tgt Ion:252 Resp: 10720
Ion Ratio Lower Upper
252 100
253 31.2 0.0 60.6
125 21.6 0.0 51.0



#25
Benzo(k)fluoranthene
Concen: 0.375 ng/ul
RT: 22.703 min Scan# 4642
Delta R.T. -0.023 min
Lab File: BN033197.D
Acq: 02 Aug 2024 09:59

Tgt Ion:252 Resp: 12677
Ion Ratio Lower Upper
252 100
253 31.4 24.9 37.3
125 21.4 20.9 31.3

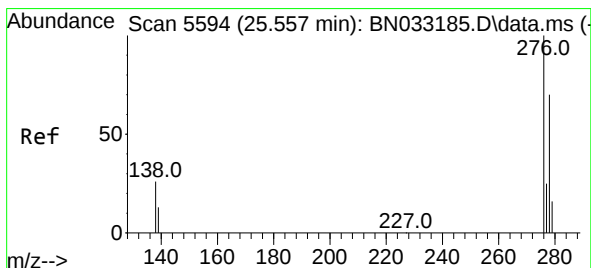
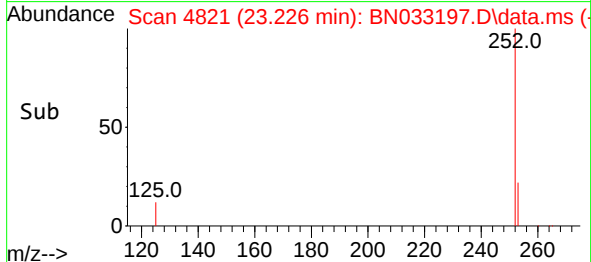
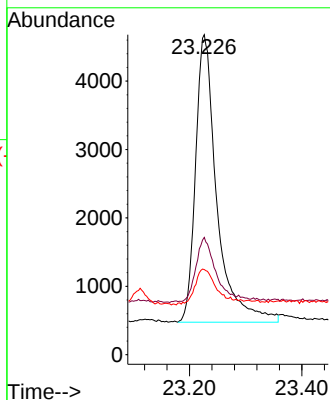
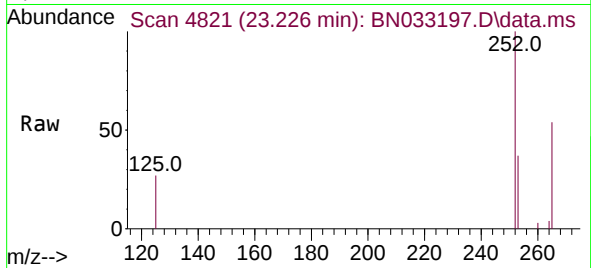




#26
Benzo(a)pyrene
Concen: 0.417 ng/ul
RT: 23.226 min Scan# 4821
Delta R.T. -0.023 min
Lab File: BN033197.D
Acq: 02 Aug 2024 09:59

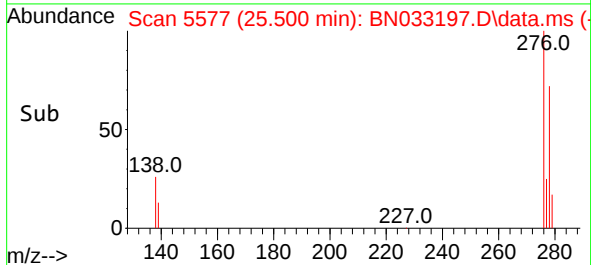
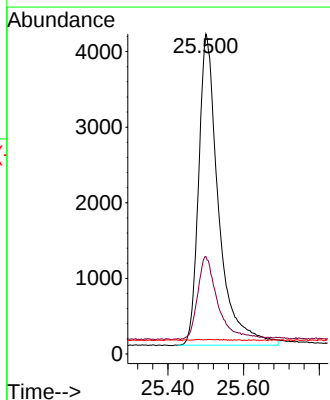
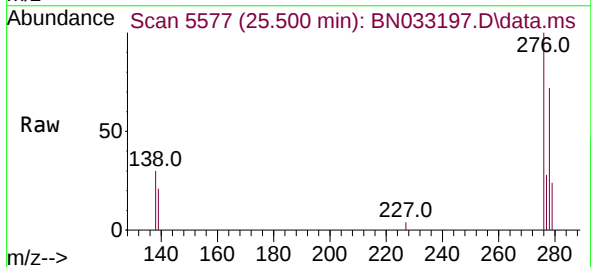
Instrument :
BNA_N
ClientSampleId :
SLCS329

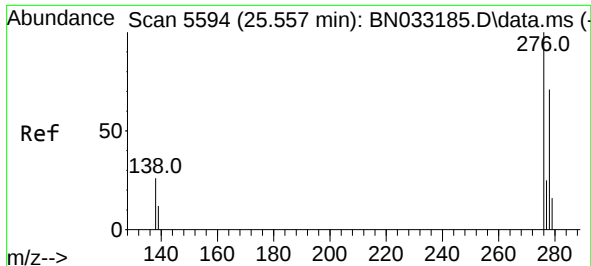
Tgt Ion:252 Resp: 11059
Ion Ratio Lower Upper
252 100
253 36.7 27.5 41.3
125 26.6 27.0 40.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.372 ng/ul
RT: 25.500 min Scan# 5577
Delta R.T. -0.040 min
Lab File: BN033197.D
Acq: 02 Aug 2024 09:59

Tgt Ion:276 Resp: 15020
Ion Ratio Lower Upper
276 100
138 27.3 21.8 32.8
227 0.0 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.364 ng/ul

RT: 25.497 min Scan# 51

Delta R.T. -0.043 min

Lab File: BN033197.D

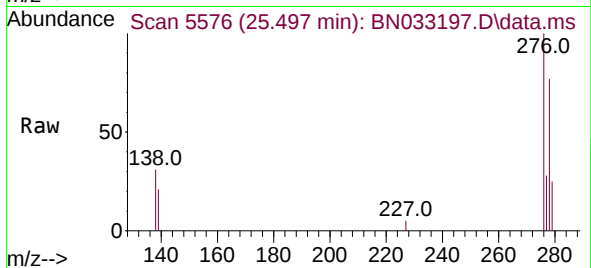
Acq: 02 Aug 2024 09:59

Instrument :

BNA_N

ClientSampleId :

SLCS329



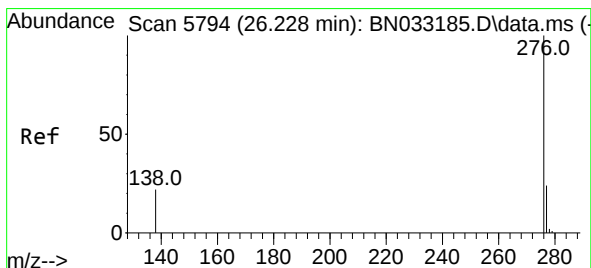
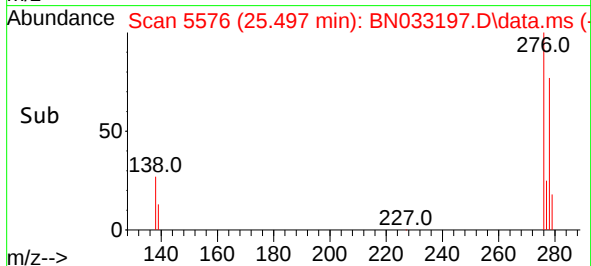
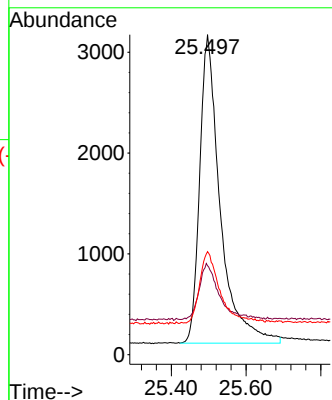
Tgt Ion:278 Resp: 11648

Ion Ratio Lower Upper

278 100

139 27.8 22.5 33.7

279 32.2 25.5 38.3



#29

Benzo(g,h,i)perylene

Concen: 0.373 ng/ul

RT: 26.181 min Scan# 5780

Delta R.T. -0.037 min

Lab File: BN033197.D

Acq: 02 Aug 2024 09:59

Tgt Ion:276 Resp: 11976

Ion Ratio Lower Upper

276 100

138 28.8 24.6 37.0

277 26.9 22.6 34.0

