

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090121\
 Data File : BN016128.D
 Acq On : 01 Sep 2021 15:45
 Operator : CG/JU
 Sample : M3458-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 C0AW4

Manual Integrations
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Quant Time: Sep 01 16:22:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 01 12:00:46 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	4156	0.400	ng/ul	0.00
4) Naphthalene-d8	10.661	136	16669	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.497	164	9656	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.246	188	18961	0.400	ng/ul	0.00
17) Chrysene-d12	21.439	240	16944	0.400	ng/ul #	0.00
23) Perylene-d12	23.833	264	16477	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	12039	2.489	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.250	152	4334	0.185	ng/ul	0.00
18) Fluoranthene-d10	19.276	212	9637	0.212	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.710	128	33185	0.748	ng/ul	99
7) 2-Methylnaphthalene	12.322	142	13367	0.462	ng/ul	99
8) 1-Methylnaphthalene	12.542	142	12423	0.430	ng/ul	100
10) Acenaphthylene	14.219	152	35663	0.976	ng/ul	100
11) Acenaphthene	14.562	153	15251	0.499	ng/ul	99
12) Fluorene	15.547	166	25782	0.737	ng/ul	99
14) Pentachlorophenol	16.896	266	150	0.049	ng/ul	93
15) Phenanthrene	17.288	178	658462	12.050	ng/ul	98
16) Anthracene	17.377	178	149060	3.158	ng/ul	98
19) Fluoranthene	19.308	202	868294	15.385	ng/ul	99
20) Pyrene	19.671	202	634096	11.092	ng/ul	96
21) Benzo(a)anthracene	21.422	228	412522	7.961	ng/ul	98
22) Chrysene	21.474	228	382078	6.526	ng/ul	97
24) Benzo(b)fluoranthene	23.105	252	583755m	9.416	ng/ul	
25) Benzo(k)fluoranthene	23.146	252	193212m	3.098	ng/ul	
26) Benzo(a)pyrene	23.725	252	316997	6.028	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.307	276	273025	4.018	ng/ul	91
28) Dibenzo(a,h)anthracene	26.317	278	83407	1.490	ng/ul#	90
29) Benzo(g,h,i)perylene	27.071	276	45542	0.772	ng/ul#	86

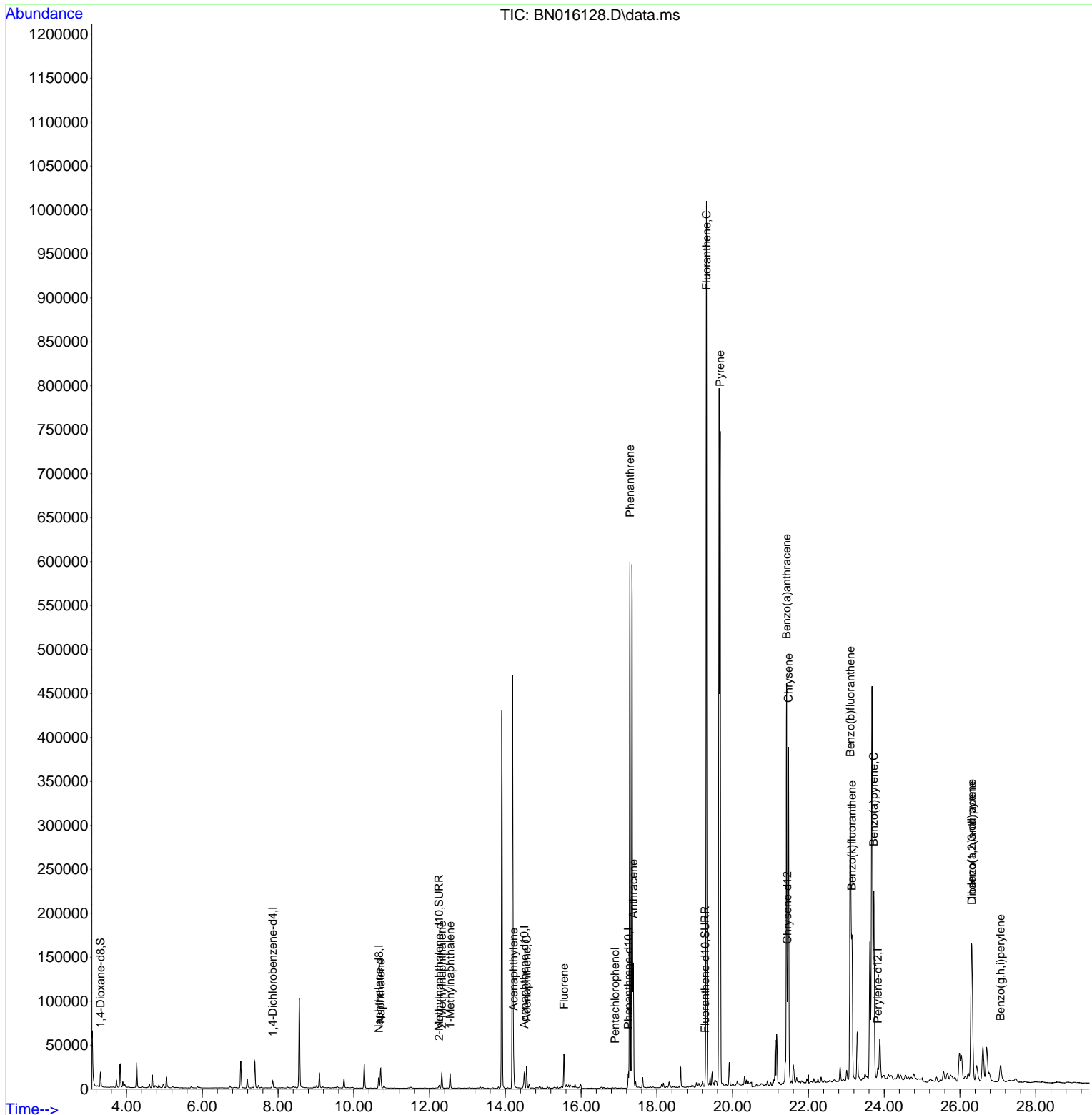
(#) = qualifier out of range (m) = manual integration (+) = signals summed

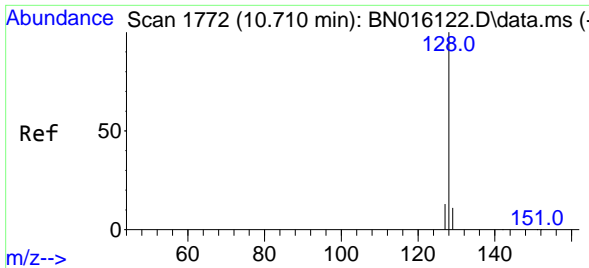
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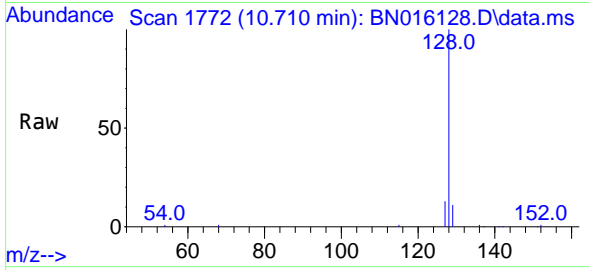
Quant Time: Sep 01 16:22:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
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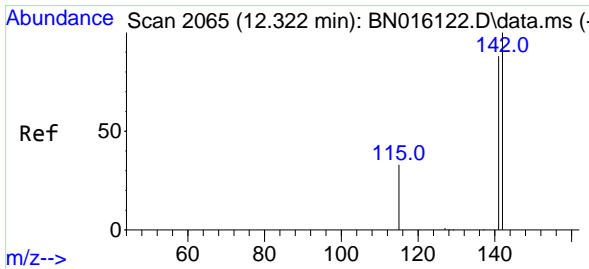
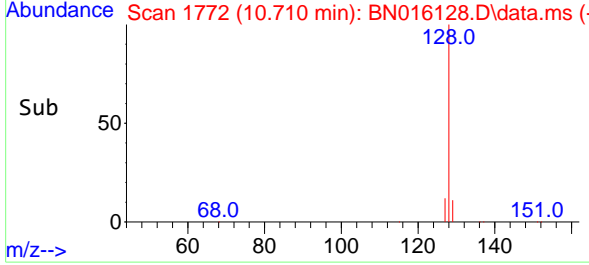
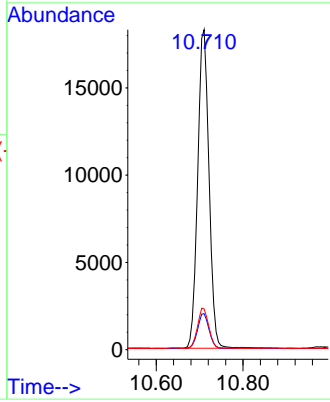
#5
 Naphthalene
 Concen: 0.748 ng/u1
 RT: 10.710 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: BN016128.D
 Acq: 01 Sep 2021 15:45

Instrument :
 BNA_N
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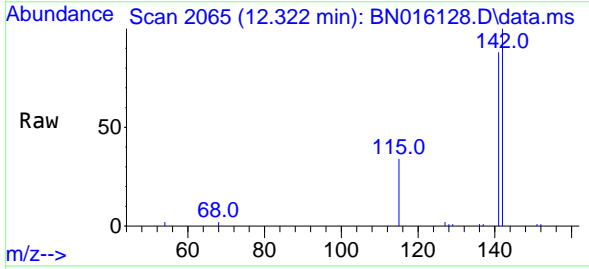


Tgt Ion:128 Resp: 33185
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.4 14.2
 127 12.8 10.6 15.8

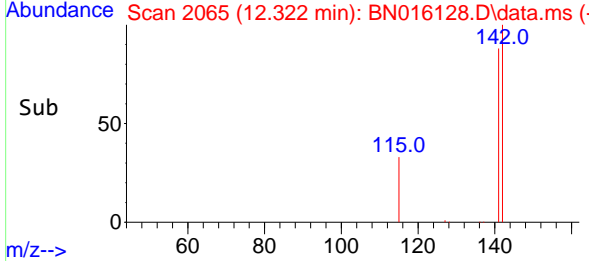
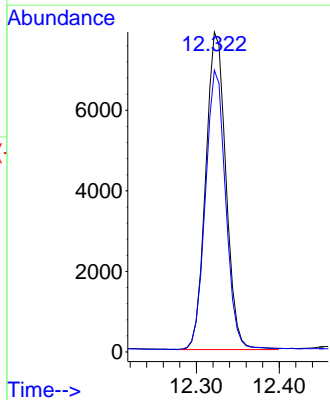
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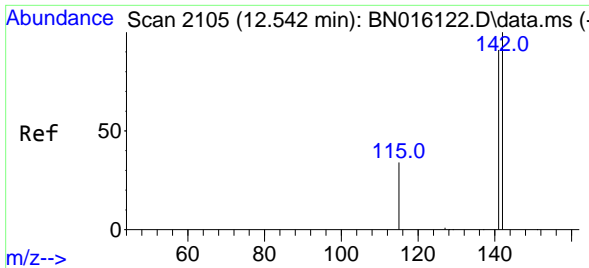


#7
 2-Methylnaphthalene
 Concen: 0.462 ng/u1
 RT: 12.322 min Scan# 2065
 Delta R.T. -0.000 min
 Lab File: BN016128.D
 Acq: 01 Sep 2021 15:45



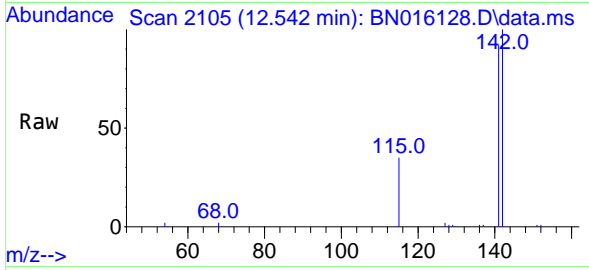
Tgt Ion:142 Resp: 13367
 Ion Ratio Lower Upper
 142 100
 141 87.6 69.5 104.3





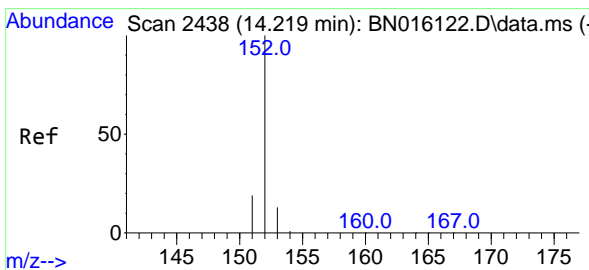
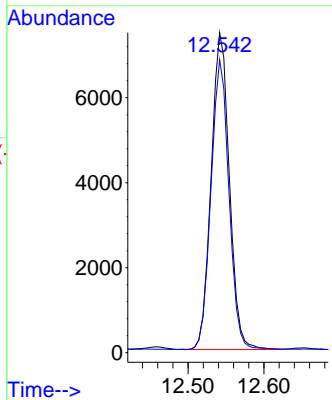
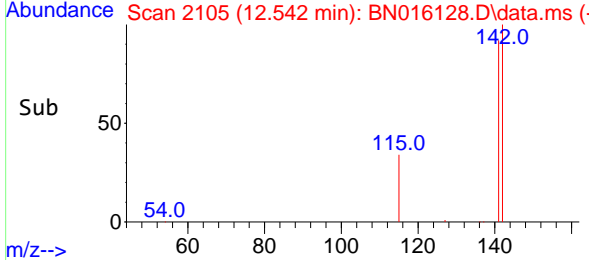
#8
 1-Methylnaphthalene
 Concen: 0.430 ng/u1
 RT: 12.542 min Scan# 2105
 Delta R.T. -0.000 min
 Lab File: BN016128.D
 Acq: 01 Sep 2021 15:45

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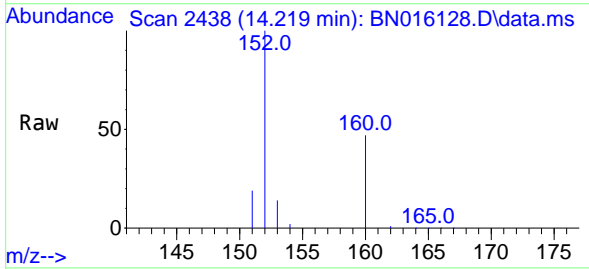


Tgt Ion:142 Resp: 12423
 Ion Ratio Lower Upper
 142 100
 141 90.3 72.2 108.4

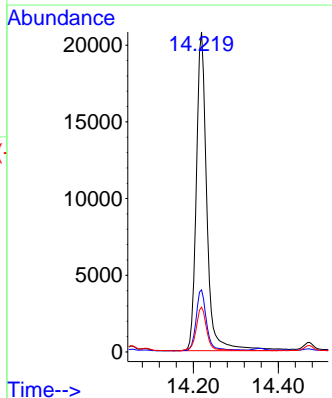
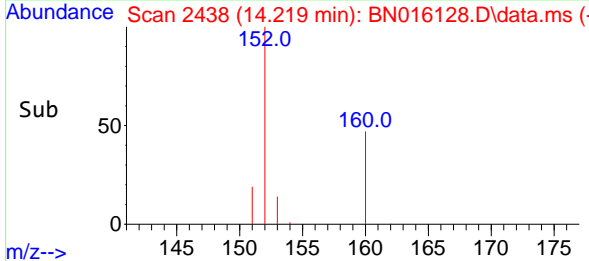
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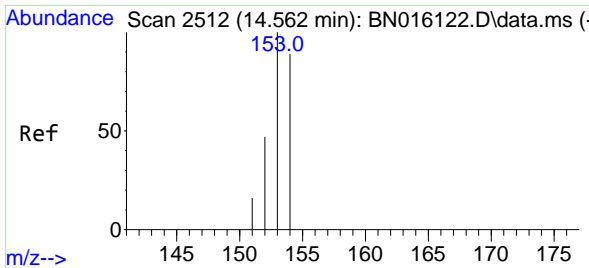


#10
 Acenaphthylene
 Concen: 0.976 ng/u1
 RT: 14.219 min Scan# 2438
 Delta R.T. -0.000 min
 Lab File: BN016128.D
 Acq: 01 Sep 2021 15:45



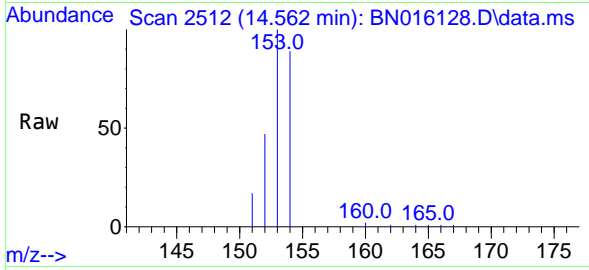
Tgt Ion:152 Resp: 35663
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.8 23.6
 153 14.0 11.2 16.8





#11
 Acenaphthene
 Concen: 0.499 ng/u1
 RT: 14.562 min Scan# 2512
 Delta R.T. -0.000 min
 Lab File: BN016128.D
 Acq: 01 Sep 2021 15:45

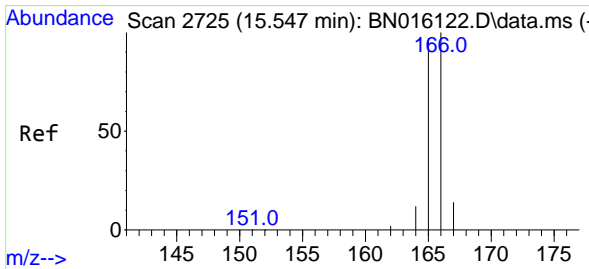
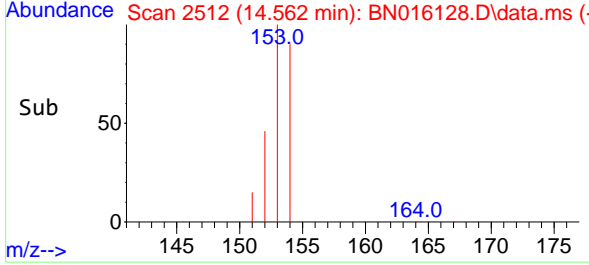
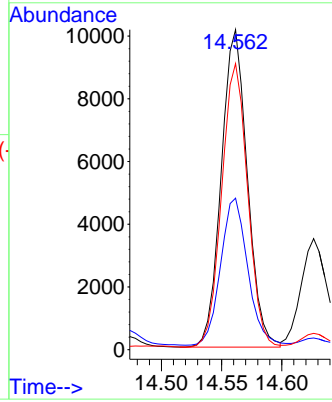
Instrument :
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ClientSampled :
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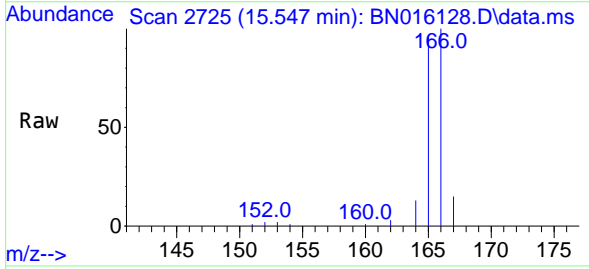
Tgt Ion:153 Resp: 15251

Ion	Ratio	Lower	Upper
153	100		
152	47.3	38.5	57.7
154	89.4	71.3	106.9

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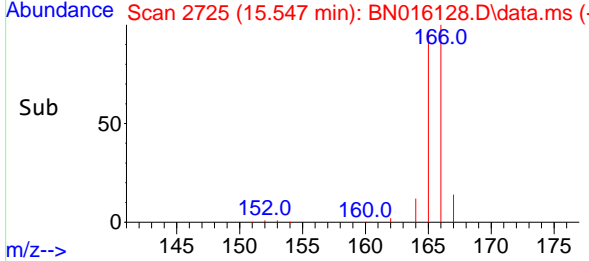
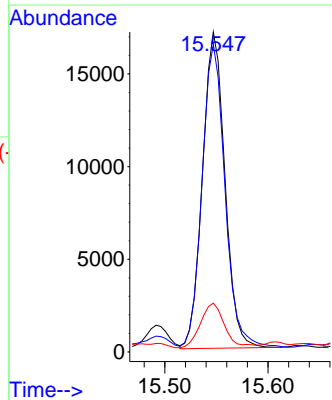


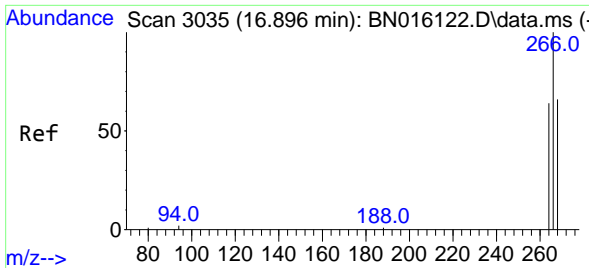
#12
 Fluorene
 Concen: 0.737 ng/u1
 RT: 15.547 min Scan# 2725
 Delta R.T. -0.000 min
 Lab File: BN016128.D
 Acq: 01 Sep 2021 15:45



Tgt Ion:166 Resp: 25782

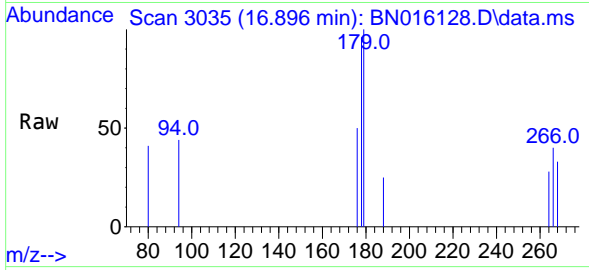
Ion	Ratio	Lower	Upper
166	100		
165	96.2	77.9	116.9
167	15.3	11.8	17.8





#14
 Pentachlorophenol
 Concen: 0.049 ng/u1
 RT: 16.896 min Scan# 3035
 Delta R.T. -0.000 min
 Lab File: BN016128.D
 Acq: 01 Sep 2021 15:45

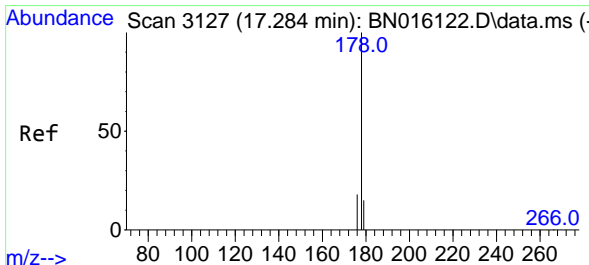
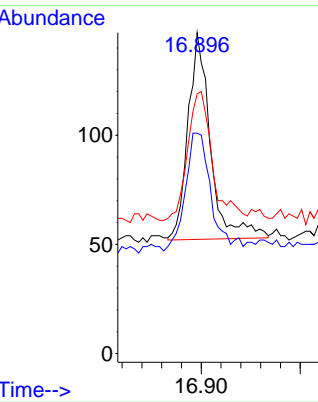
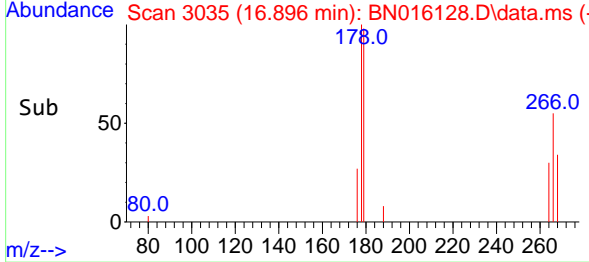
Instrument :
 BNA_N
ClientSampled :
 C0AW4



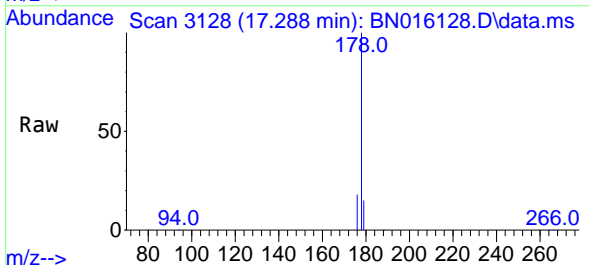
Tgt Ion: 266 Resp: 150

Ion	Ratio	Lower	Upper
266	100		
264	67.3	50.3	75.5
268	70.0	51.4	77.2

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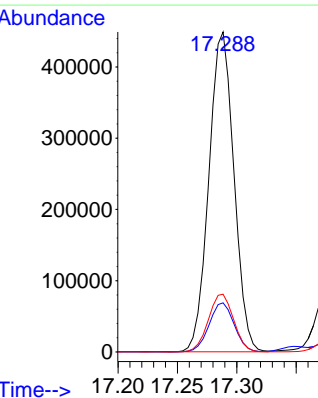
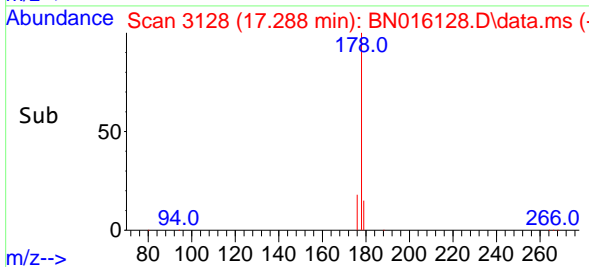


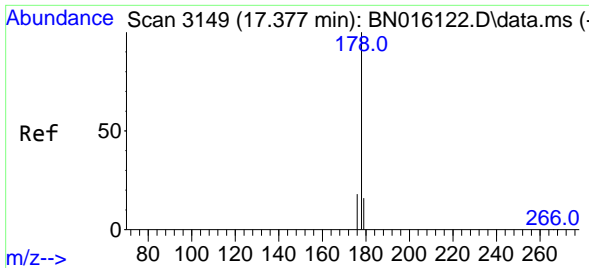
#15
 Phenanthrene
 Concen: 12.050 ng/u1
 RT: 17.288 min Scan# 3128
 Delta R.T. 0.004 min
 Lab File: BN016128.D
 Acq: 01 Sep 2021 15:45



Tgt Ion: 178 Resp: 658462

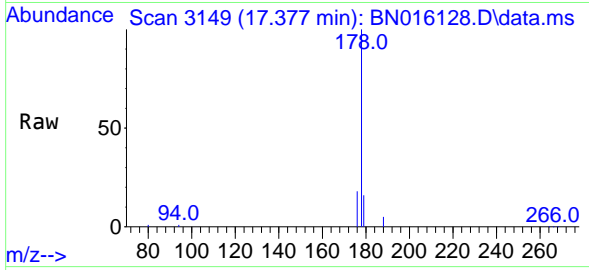
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.9	19.3
176	18.0	15.2	22.8





#16
 Anthracene
 Concen: 3.158 ng/u1
 RT: 17.377 min Scan# 3149
 Delta R.T. -0.000 min
 Lab File: BN016128.D
 Acq: 01 Sep 2021 15:45

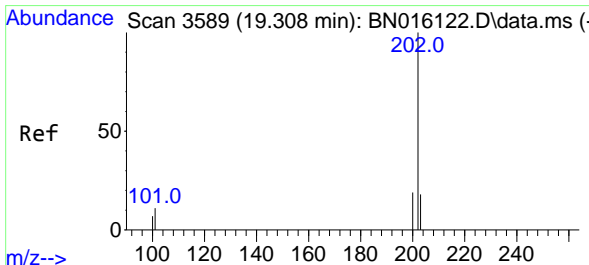
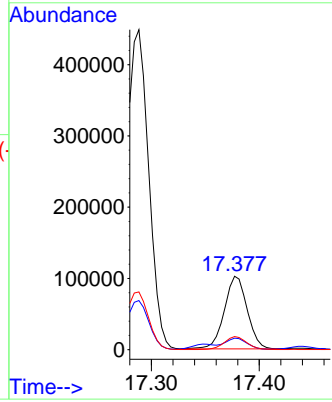
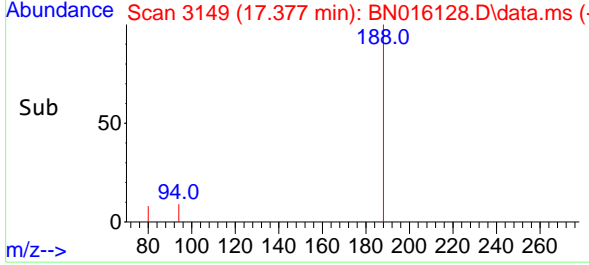
Instrument :
 BNA_N
ClientSampled :
 C0AW4



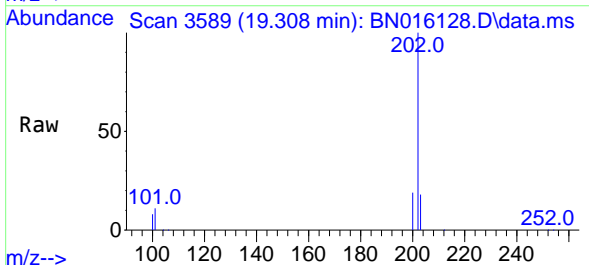
Tgt Ion:178 Resp: 149060

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.3	19.9
176	17.8	14.9	22.3

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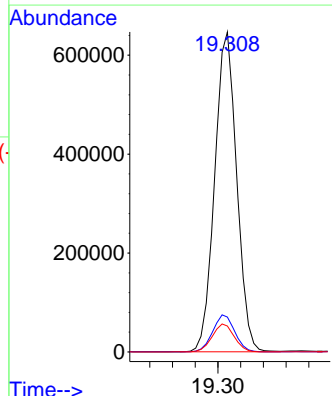
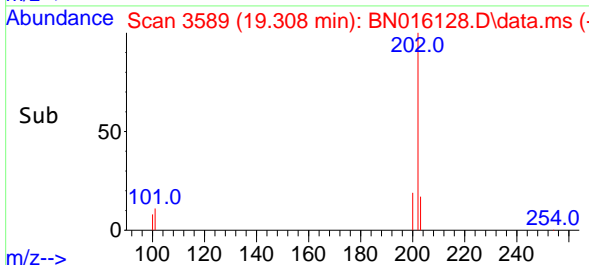


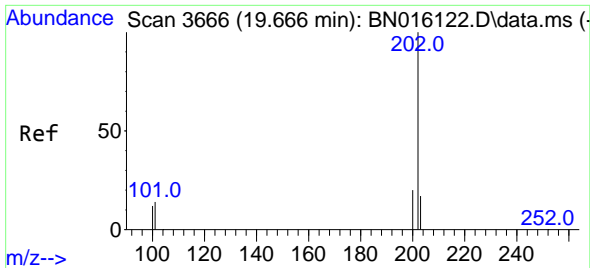
#19
 Fluoranthene
 Concen: 15.385 ng/u1
 RT: 19.308 min Scan# 3589
 Delta R.T. -0.000 min
 Lab File: BN016128.D
 Acq: 01 Sep 2021 15:45



Tgt Ion:202 Resp: 868294

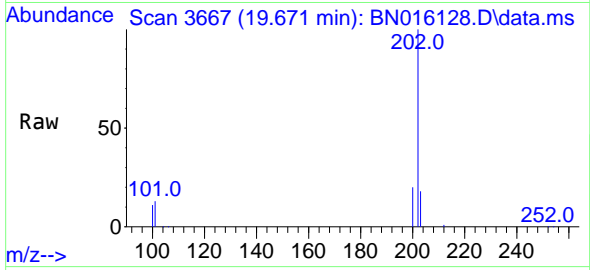
Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.2	13.8
100	8.1	6.7	10.1





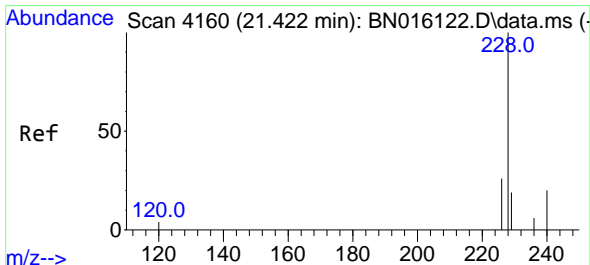
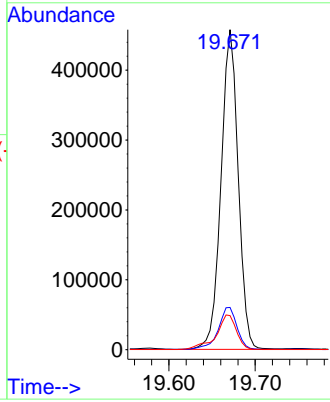
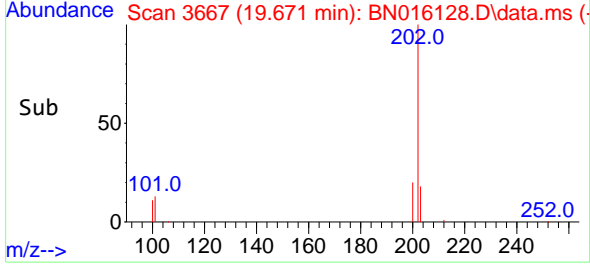
#20
 Pyrene
 Concen: 11.092 ng/u1
 RT: 19.671 min Scan# 3667
 Delta R.T. 0.005 min
 Lab File: BN016128.D
 Acq: 01 Sep 2021 15:45

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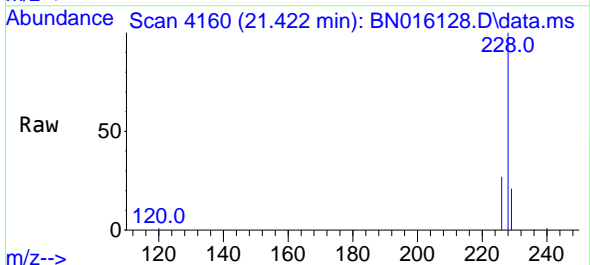


Tgt Ion:202 Resp: 634096
 Ion Ratio Lower Upper
 202 100
 101 13.2 11.5 17.3
 100 10.7 9.8 14.8

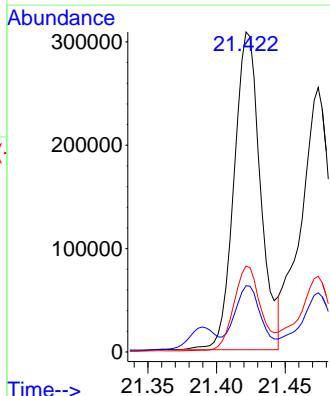
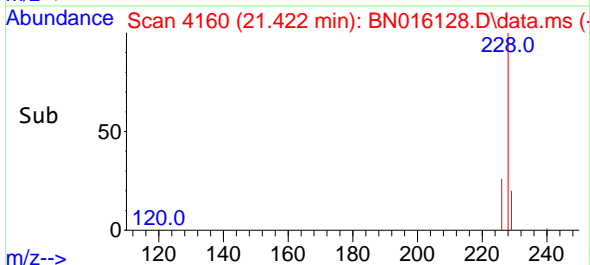
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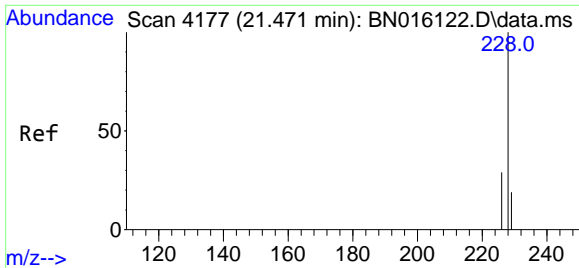


#21
 Benzo(a)anthracene
 Concen: 7.961 ng/u1
 RT: 21.422 min Scan# 4160
 Delta R.T. -0.000 min
 Lab File: BN016128.D
 Acq: 01 Sep 2021 15:45



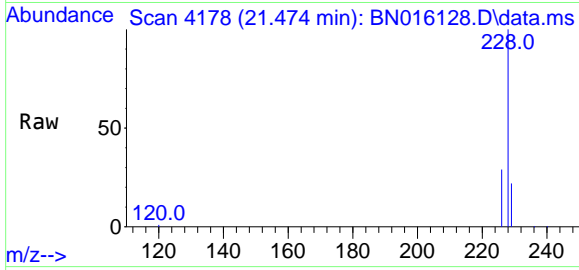
Tgt Ion:228 Resp: 412522
 Ion Ratio Lower Upper
 228 100
 229 20.7 15.7 23.5
 226 26.8 20.8 31.2





#22
 Chrysene
 Concen: 6.526 ng/u1
 RT: 21.474 min Scan# 4178
 Delta R.T. 0.003 min
 Lab File: BN016128.D
 Acq: 01 Sep 2021 15:45

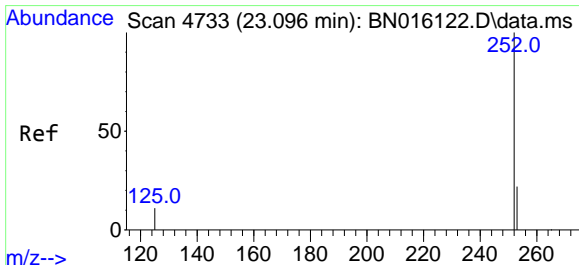
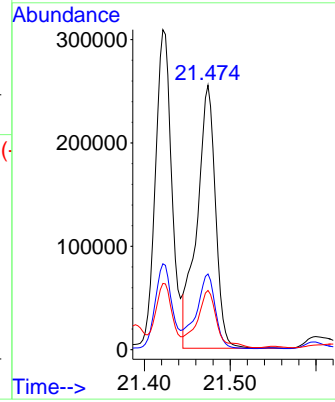
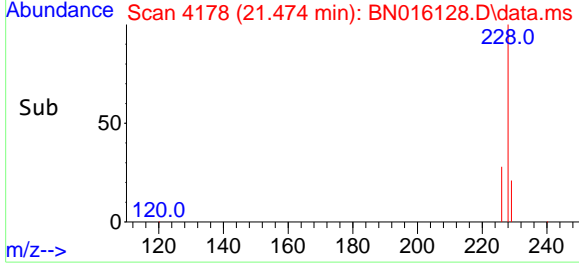
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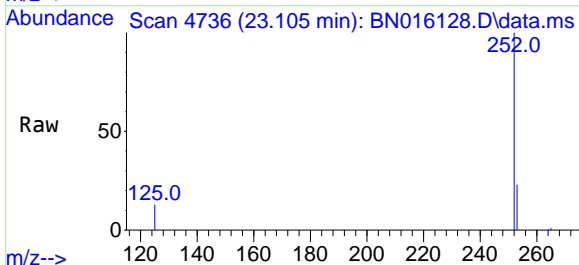
Tgt Ion:228 Resp: 382078

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.2	34.8
229	22.4	15.6	23.4

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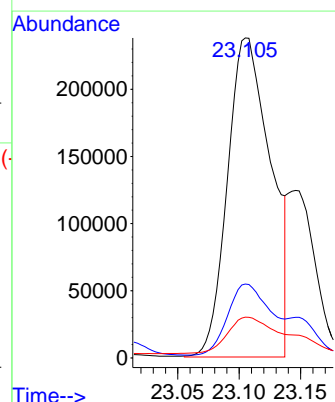
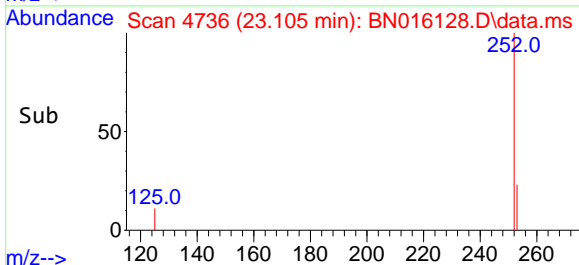


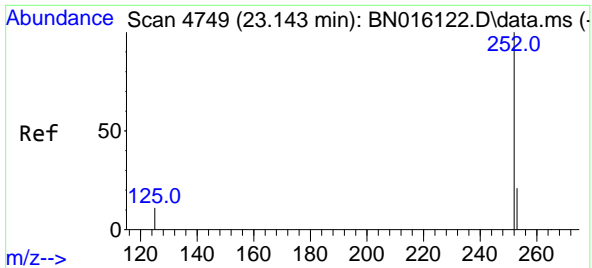
#24
 Benzo(b)fluoranthene
 Concen: 9.416 ng/u1 m
 RT: 23.105 min Scan# 4736
 Delta R.T. 0.009 min
 Lab File: BN016128.D
 Acq: 01 Sep 2021 15:45



Tgt Ion:252 Resp: 583755

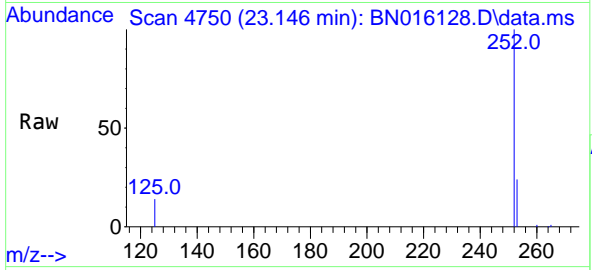
Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	49.4
125	12.8	0.0	27.0





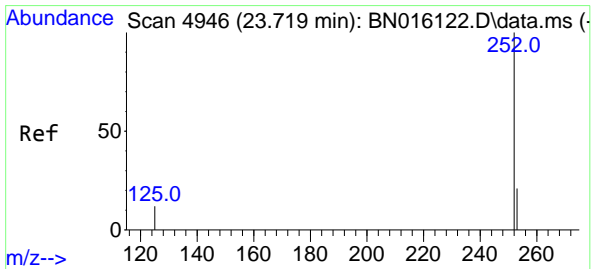
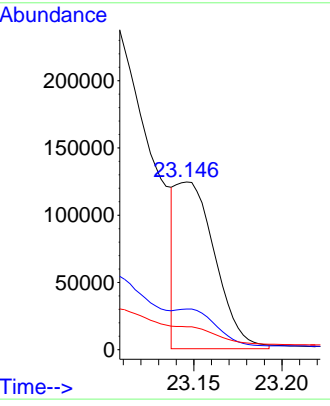
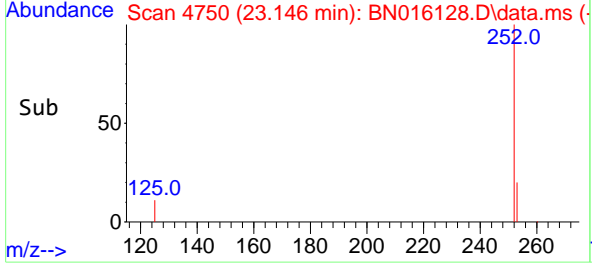
#25
 Benzo(k)fluoranthene
 Concen: 3.098 ng/u1 m
 RT: 23.146 min Scan# 4750
 Delta R.T. 0.003 min
 Lab File: BN016128.D
 Acq: 01 Sep 2021 15:45

Instrument :
 BNA_N
ClientSampled :
 C0AW4

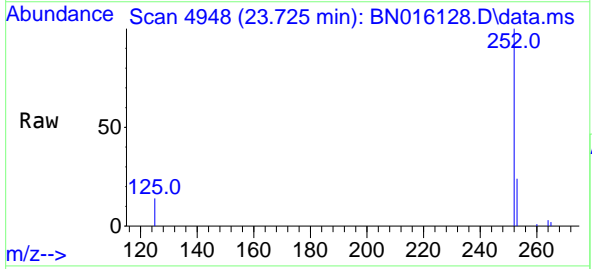


Tgt Ion:252 Resp: 193212
 Ion Ratio Lower Upper
 252 100
 253 24.3 19.4 29.0
 125 13.7 10.9 16.3

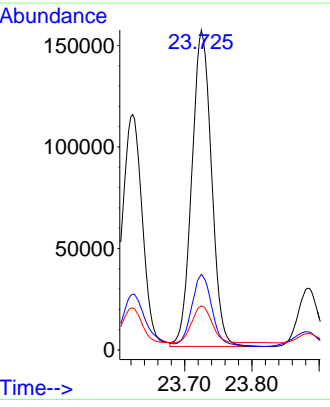
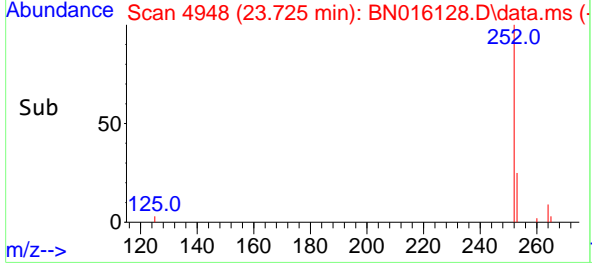
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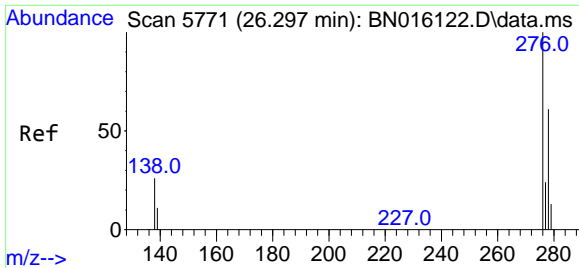


#26
 Benzo(a)pyrene
 Concen: 6.028 ng/u1
 RT: 23.725 min Scan# 4948
 Delta R.T. 0.006 min
 Lab File: BN016128.D
 Acq: 01 Sep 2021 15:45



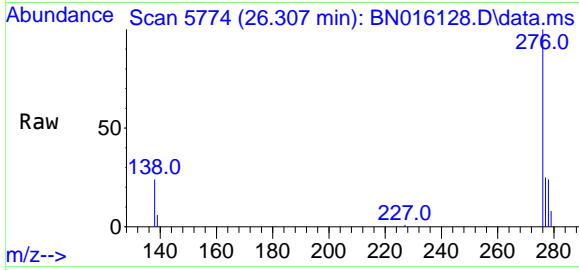
Tgt Ion:252 Resp: 316997
 Ion Ratio Lower Upper
 252 100
 253 23.7 20.2 30.2
 125 13.7 12.6 18.8





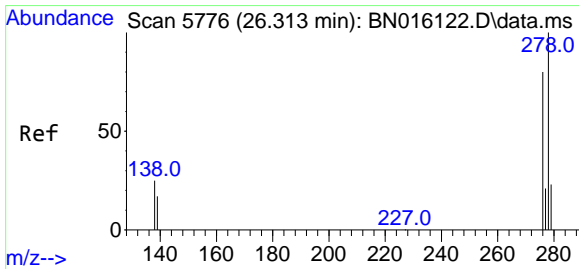
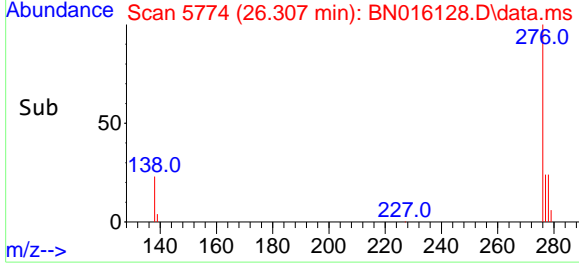
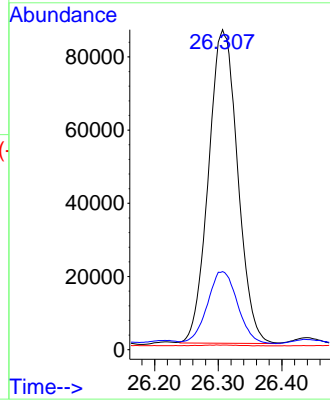
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 4.018 ng/u1
 RT: 26.307 min Scan# 5774
 Delta R.T. 0.010 min
 Lab File: BN016128.D
 Acq: 01 Sep 2021 15:45

Instrument :
 BNA_N
ClientSampled :
 C0AW4

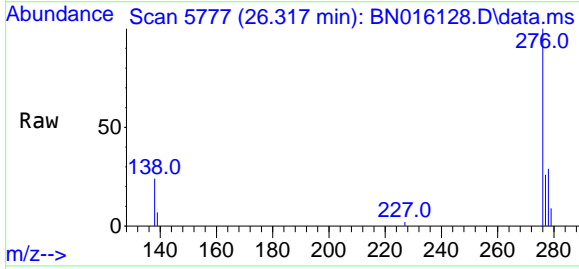


Tgt Ion:276 Resp: 273025
 Ion Ratio Lower Upper
 276 100
 138 23.8 22.7 34.1
 227 0.2 0.2 0.2

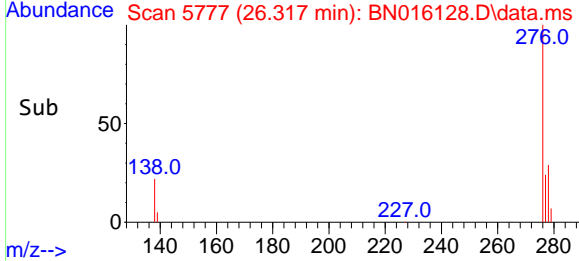
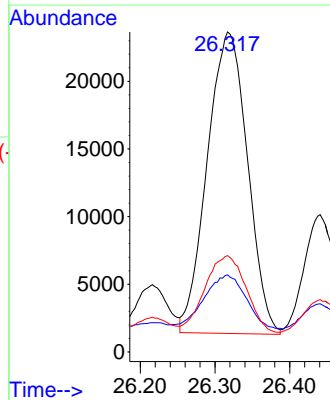
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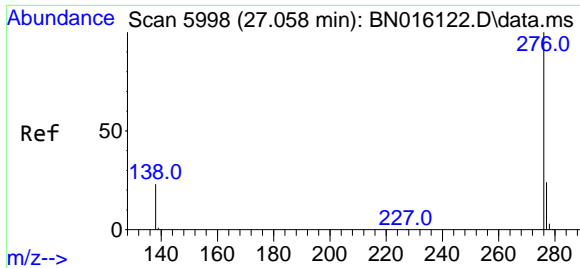


#28
 Dibenzo(a,h)anthracene
 Concen: 1.490 ng/u1
 RT: 26.317 min Scan# 5777
 Delta R.T. 0.003 min
 Lab File: BN016128.D
 Acq: 01 Sep 2021 15:45



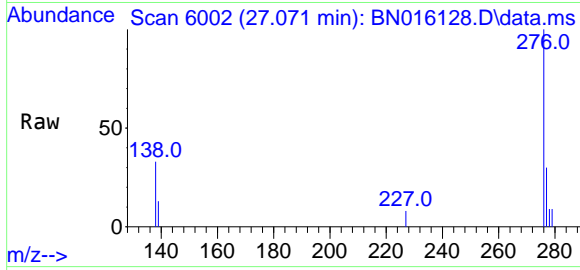
Tgt Ion:278 Resp: 83407
 Ion Ratio Lower Upper
 278 100
 139 24.1 15.1 22.7#
 279 30.1 20.5 30.7





#29
 Benzo(g,h,i)perylene
 Concen: 0.772 ng/ul
 RT: 27.071 min Scan# 6002
 Delta R.T. 0.013 min
 Lab File: BN016128.D
 Acq: 01 Sep 2021 15:45

Instrument :
 BNA_N
ClientSampled :
 C0AW4



Tgt Ion: 276 Resp: 45542

Ion	Ratio	Lower	Upper
276	100		
138	32.8	19.3	28.9#
277	29.6	19.8	29.8

Manual Integrations
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