

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082622\
 Data File : BM036429.D
 Acq On : 26 Aug 2022 17:13
 Operator : CG/JU
 Sample : N4349-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGN64

Quant Time: Aug 26 23:08:40 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM082622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 14:26:34 2022
 Response via : Initial Calibration

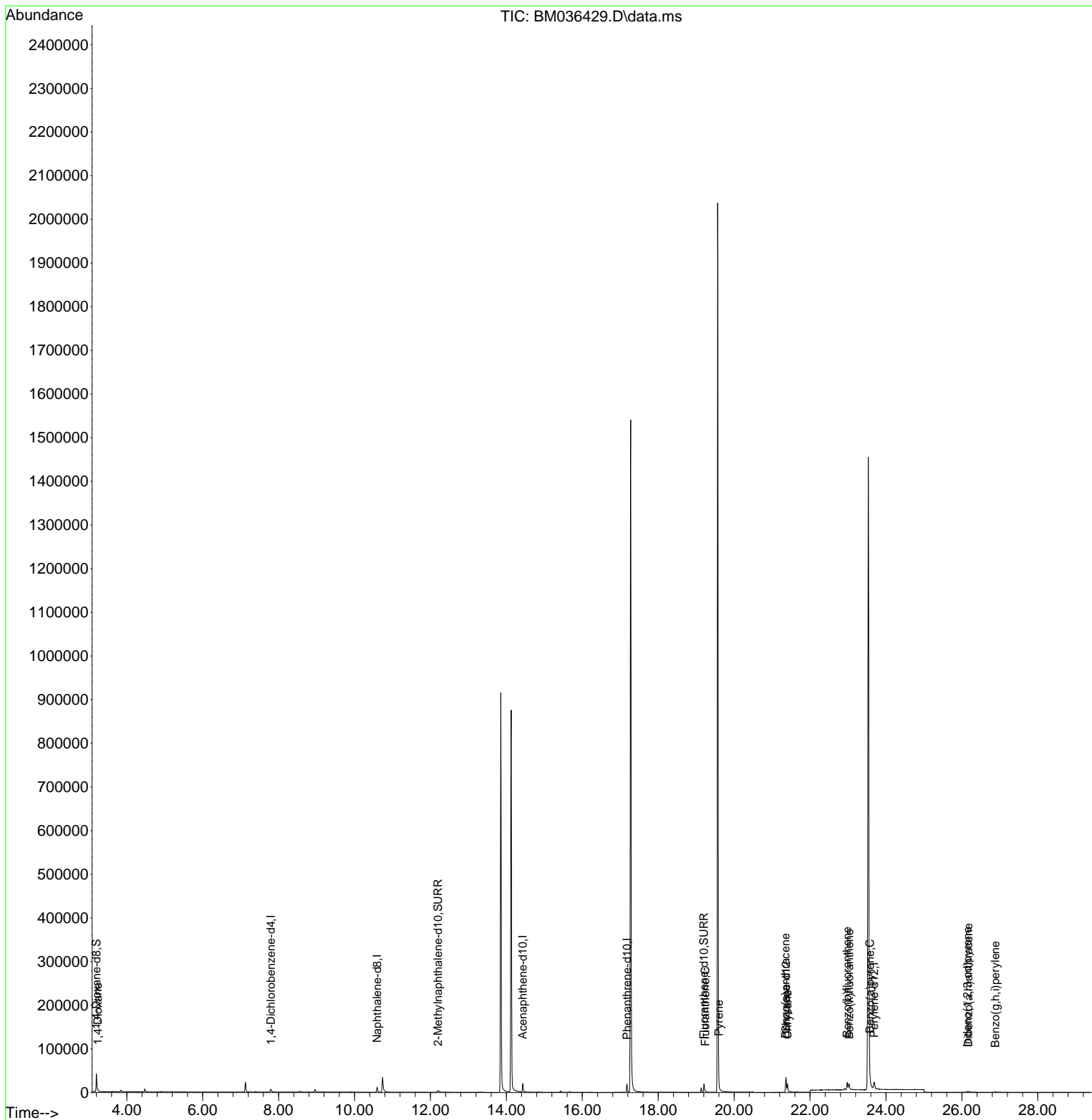
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.795	152	4270	0.400	ng/ul	0.00
4) Naphthalene-d8	10.594	136	17049	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.432	164	10472	0.400	ng/ul #	0.00
13) Phenanthrene-d10	17.178	188	22559	0.400	ng/ul	0.00
17) Chrysene-d12	21.368	240	31587	0.400	ng/ul #	0.00
23) Perylene-d12	23.689	264	23978	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.201	96	25196	4.382	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	7600	0.279	ng/ul	0.01
18) Fluoranthene-d10	19.205	212	21510	0.551	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.238	88	1963	0.362	ng/ul#	81
19) Fluoranthene	19.238	202	2899	0.026	ng/ul#	92
20) Pyrene	19.600	202	3129	0.027	ng/ul#	79
21) Benzo(a)anthracene	21.357	228	9259	0.071	ng/ul	99
22) Chrysene	21.406	228	18765	0.104	ng/ul	99
24) Benzo(b)fluoranthene	22.979	252	22600	0.129	ng/ul	95
25) Benzo(k)fluoranthene	23.028	252	20223	0.115	ng/ul	93
26) Benzo(a)pyrene	23.584	252	5680	0.051	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	26.148	276	3681	0.044	ng/ul	95
28) Dibenzo(a,h)anthracene	26.172	278	2625	0.037	ng/ul#	51
29) Benzo(g,h,i)perylene	26.883	276	2291	0.030	ng/ul#	67

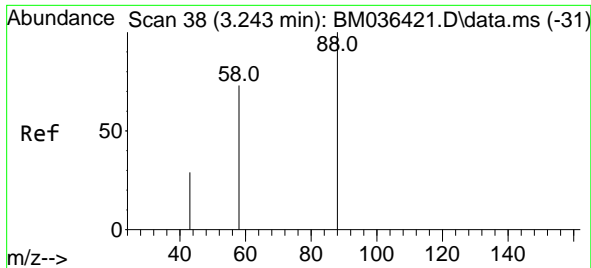
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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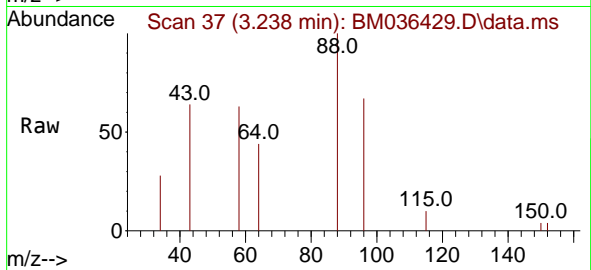
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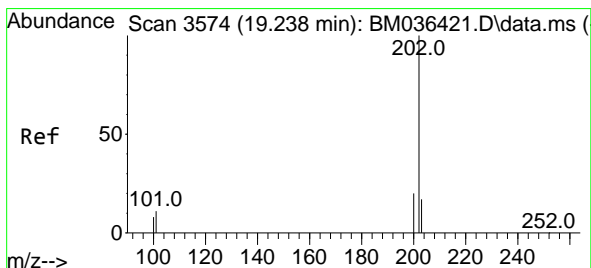
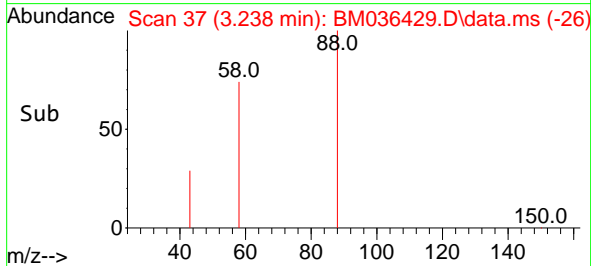
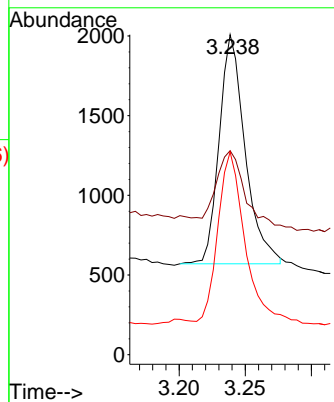


#2
 1,4-Dioxane
 Concen: 0.362 ng/u1
 RT: 3.238 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BM036429.D
 Acq: 26 Aug 2022 17:13

Instrument :
 BNA_M
 ClientSampleId :
 BGN64

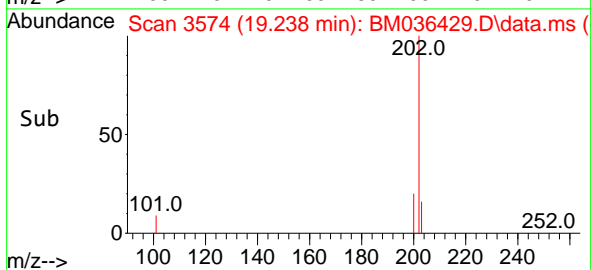
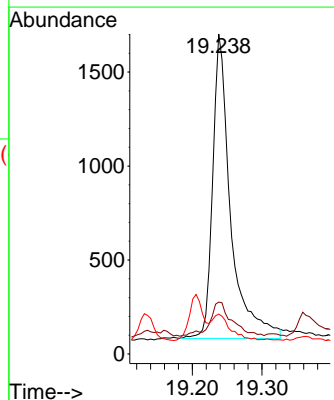
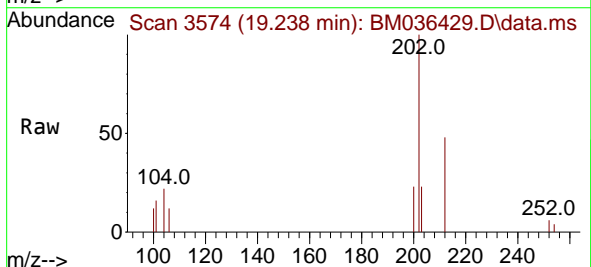


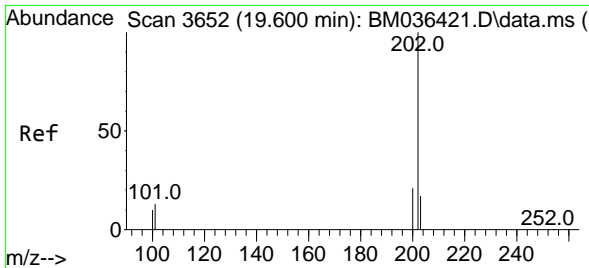
Tgt Ion: 88 Resp: 1963
 Ion Ratio Lower Upper
 88 100
 43 63.7 37.8 56.6#
 58 63.3 42.6 63.8



#19
 Fluoranthene
 Concen: 0.026 ng/u1
 RT: 19.238 min Scan# 3574
 Delta R.T. 0.000 min
 Lab File: BM036429.D
 Acq: 26 Aug 2022 17:13

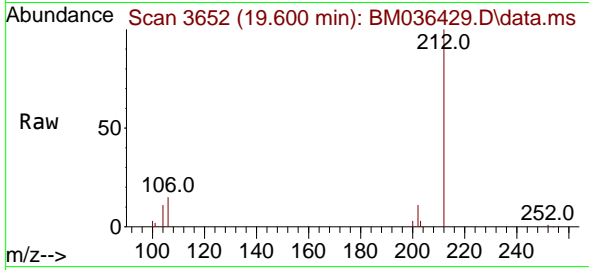
Tgt Ion: 202 Resp: 2899
 Ion Ratio Lower Upper
 202 100
 101 16.2 10.1 15.1#
 100 12.4 7.9 11.9#



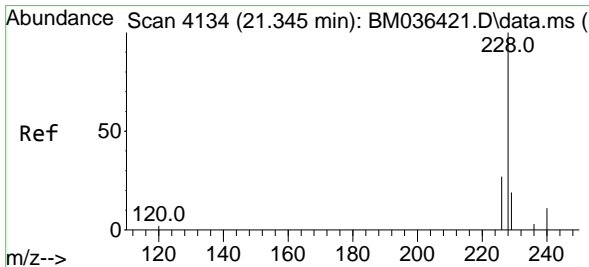
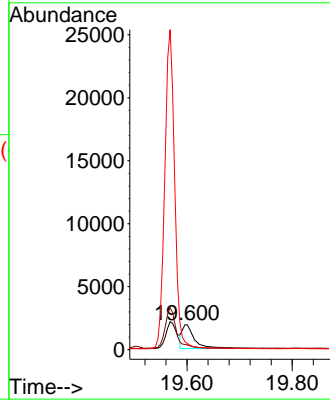
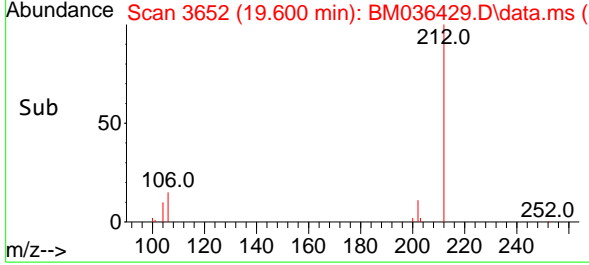


#20
 Pyrene
 Concen: 0.027 ng/u1
 RT: 19.600 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BM036429.D
 Acq: 26 Aug 2022 17:13

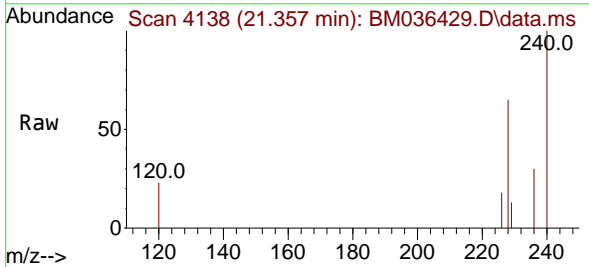
Instrument :
 BNA_M
 ClientSampleId :
 BGN64



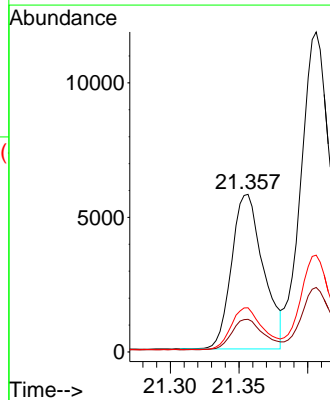
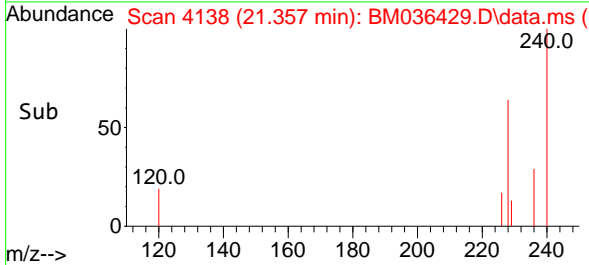
Tgt Ion:202 Resp: 3129
 Ion Ratio Lower Upper
 202 100
 101 19.5 12.0 18.0#
 100 25.2 9.8 14.6#

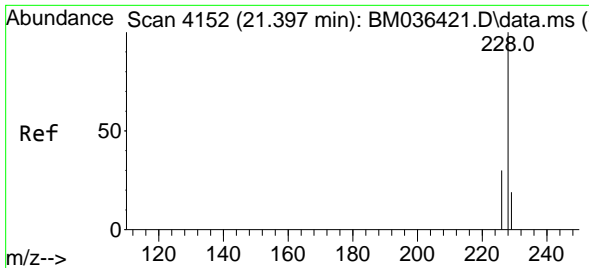


#21
 Benzo(a)anthracene
 Concen: 0.071 ng/u1
 RT: 21.357 min Scan# 4138
 Delta R.T. 0.012 min
 Lab File: BM036429.D
 Acq: 26 Aug 2022 17:13



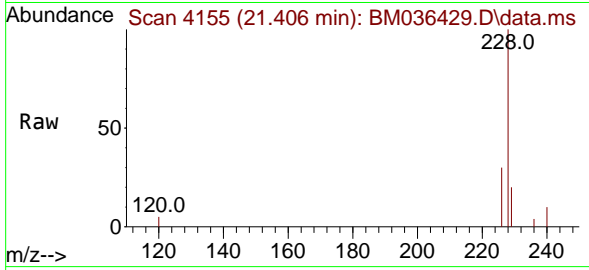
Tgt Ion:228 Resp: 9259
 Ion Ratio Lower Upper
 228 100
 229 20.7 16.2 24.2
 226 28.0 22.5 33.7



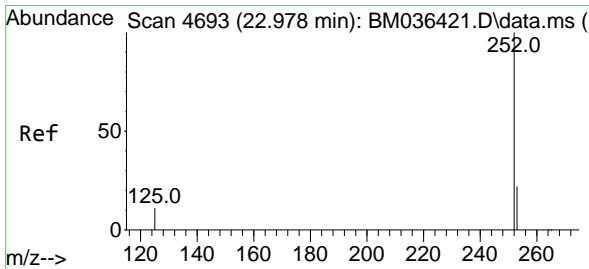
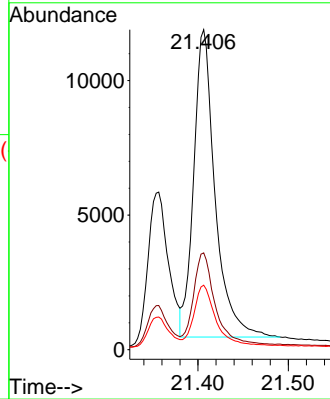
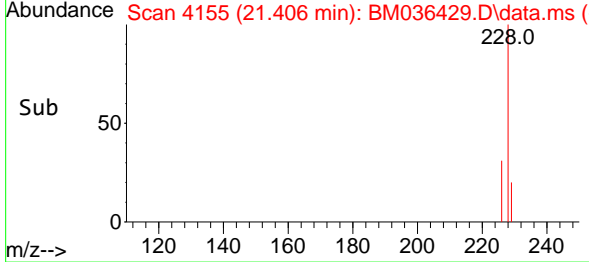


#22
 Chrysene
 Concen: 0.104 ng/u1
 RT: 21.406 min Scan# 41
 Delta R.T. 0.009 min
 Lab File: BM036429.D
 Acq: 26 Aug 2022 17:13

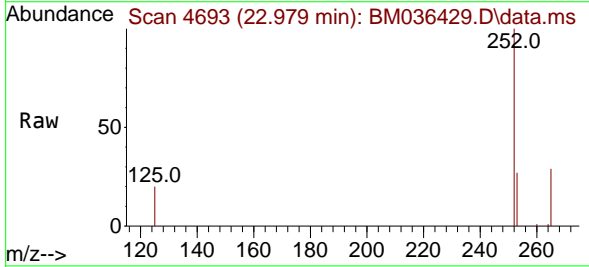
Instrument :
 BNA_M
 ClientSampleId :
 BGN64



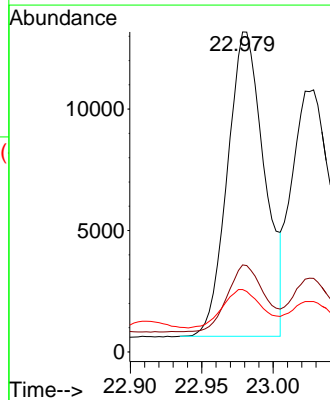
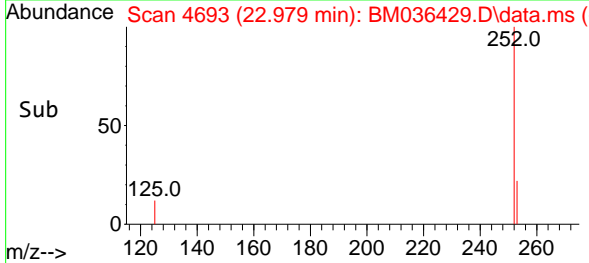
Tgt Ion:228 Resp: 18765
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.6 37.0
 229 20.1 16.4 24.6

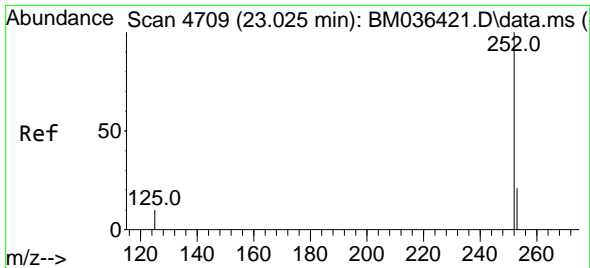


#24
 Benzo(b)fluoranthene
 Concen: 0.129 ng/u1
 RT: 22.979 min Scan# 4693
 Delta R.T. 0.000 min
 Lab File: BM036429.D
 Acq: 26 Aug 2022 17:13



Tgt Ion:252 Resp: 22600
 Ion Ratio Lower Upper
 252 100
 253 27.2 0.0 61.4
 125 19.5 0.0 42.6



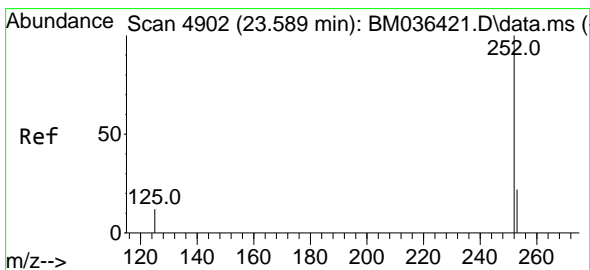
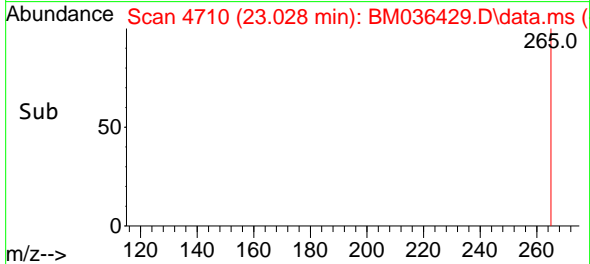
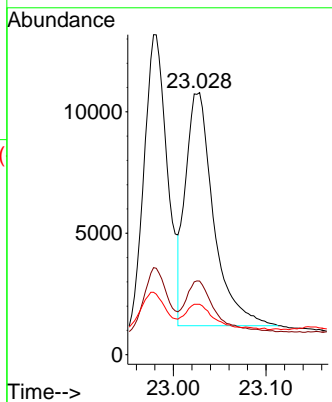
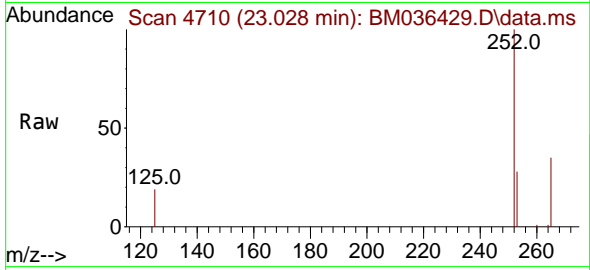


#25
 Benzo(k)fluoranthene
 Concen: 0.115 ng/u1
 RT: 23.028 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: BM036429.D
 Acq: 26 Aug 2022 17:13

Instrument : BNA_M
 ClientSampleId : BGN64

Tgt Ion:252 Resp: 20223

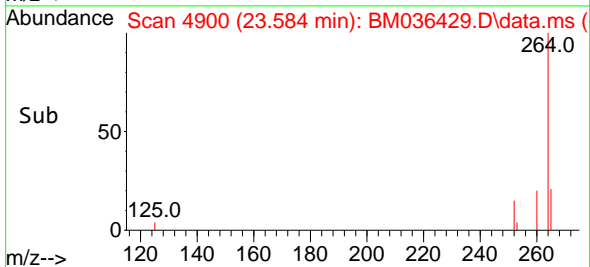
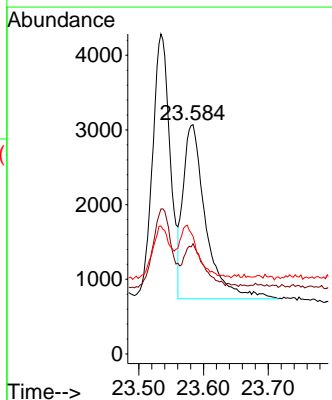
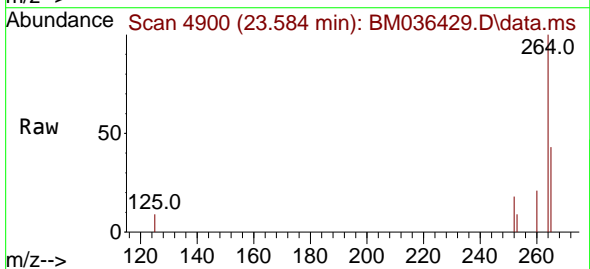
Ion	Ratio	Lower	Upper
252	100		
253	28.1	25.2	37.8
125	19.2	18.3	27.5

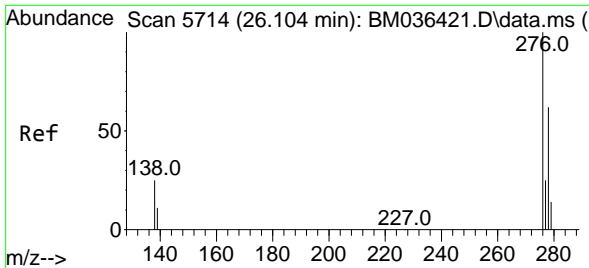


#26
 Benzo(a)pyrene
 Concen: 0.051 ng/u1
 RT: 23.584 min Scan# 4900
 Delta R.T. -0.006 min
 Lab File: BM036429.D
 Acq: 26 Aug 2022 17:13

Tgt Ion:252 Resp: 5680

Ion	Ratio	Lower	Upper
252	100		
253	48.1	29.7	44.5#
125	51.3	23.6	35.4#



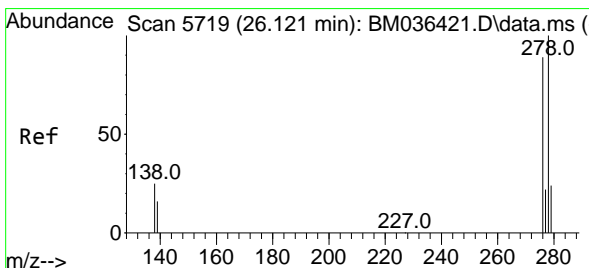
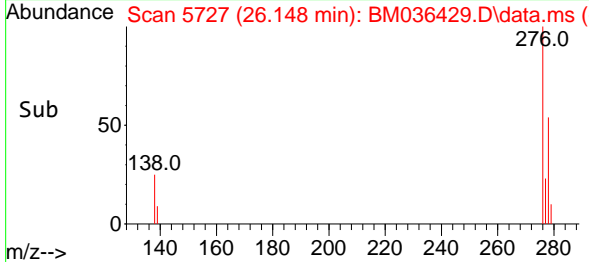
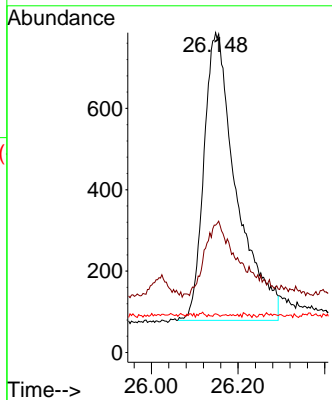
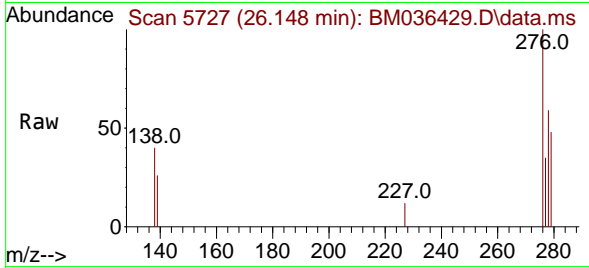


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.044 ng/uI
 RT: 26.148 min Scan# 5714
 Delta R.T. 0.044 min
 Lab File: BM036429.D
 Acq: 26 Aug 2022 17:13

Instrument :
 BNA_M
 ClientSampleId :
 BGN64

Tgt Ion:276 Resp: 3681

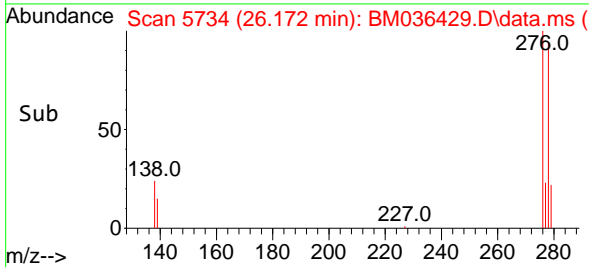
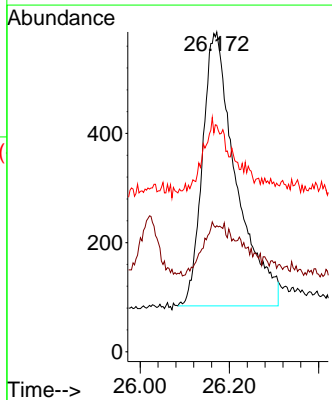
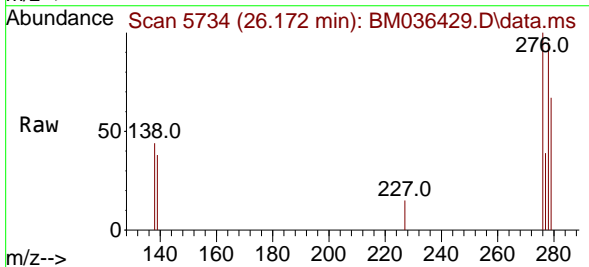
Ion	Ratio	Lower	Upper
276	100		
138	27.0	23.9	35.9
227	0.1	0.1	0.1

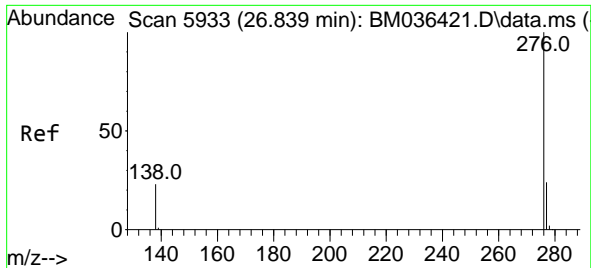


#28
 Dibenzo(a,h)anthracene
 Concen: 0.037 ng/uI
 RT: 26.172 min Scan# 5734
 Delta R.T. 0.050 min
 Lab File: BM036429.D
 Acq: 26 Aug 2022 17:13

Tgt Ion:278 Resp: 2625

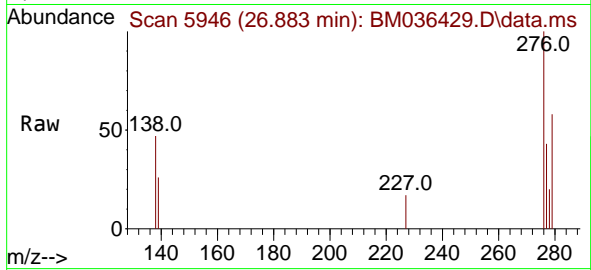
Ion	Ratio	Lower	Upper
278	100		
139	39.4	19.8	29.6#
279	70.8	27.7	41.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.030 ng/ul
 RT: 26.883 min Scan# 5946
 Delta R.T. 0.044 min
 Lab File: BM036429.D
 Acq: 26 Aug 2022 17:13

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Tgt Ion: 276 Resp: 2291

Ion	Ratio	Lower	Upper
276	100		
138	46.8	23.4	35.0#
277	42.8	21.0	31.4#

