

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013004.D
 Acq On : 09 Dec 2022 02:47
 Operator : CG/JU
 Sample : N5832-09DL2 30X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 09 04:08:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 00:35:07 2022
 Response via : Initial Calibration

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

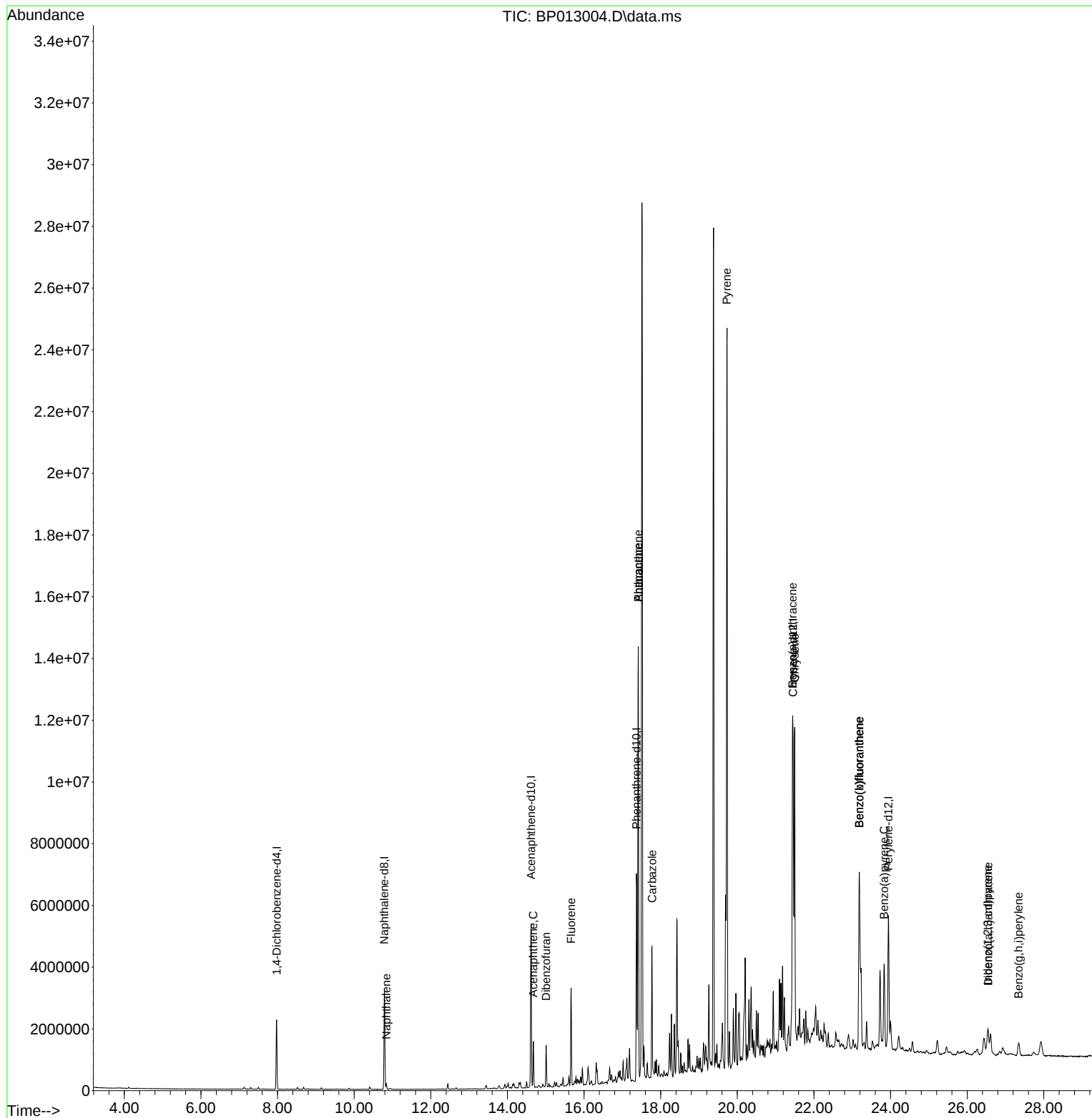
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	632070	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	2787665	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	1891632	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	4239681	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	3740901	20.000	ng/ul	0.00
88) Perylene-d12	23.945	264	3542170	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	1758	0.119	ng/uL	0.00
4) Pyridine-d5	3.775	84	559	0.013	ng/ul	-0.01
7) Phenol-d5	7.128	99	34944	0.679	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	23669	0.762	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	28161	0.695	ng/ul	-0.01
15) 4-Methylphenol-d8	8.681	113	27612	0.655	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	12832	0.627	ng/ul	0.00
24) 2-Nitrophenol-d4	9.869	143	13331	0.578	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	30165	0.674	ng/ul	0.00
31) 4-Chloroaniline-d4	10.928	131	17504	0.277	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	119082	0.819	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	116499	0.729	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	5952	0.228	ng/ul	0.00
60) Fluorene-d10	15.604	176	112849	0.918	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	8684	0.318	ng/ul	0.00
73) Anthracene-d10	17.469	188	180973	0.946	ng/ul	0.00
81) Pyrene-d10	19.698	212	211438	0.985	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.780	264	161848	0.917	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.840	128	147921	1.015	ng/ul	99
52) Acenaphthene	14.675	153	602826	5.065	ng/ul	100
56) Dibenzofuran	15.010	168	819510	4.843	ng/ul	99
61) Fluorene	15.663	166	1463054	10.781	ng/ul	98
72) Phenanthrene	17.416	178	8909780	40.347	ng/ul	99
74) Anthracene	17.416	178	8909780	40.408	ng/ul	98
77) Carbazole	17.775	167	2562408	13.799	ng/ul	100
82) Pyrene	19.727	202	14382379	57.209	ng/ul#	92
85) Benzo(a)anthracene	21.439	228	5463983	22.002	ng/ul	99
87) Chrysene	21.498	228	6477101	27.580	ng/ul	98
90) Benzo(b)fluoranthene	23.186	252	5625560	24.906	ng/ul	99
91) Benzo(k)fluoranthene	23.186	252	5625560	25.116	ng/ul	99
93) Benzo(a)pyrene	23.833	252	2134140	10.851	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.539	276	891770	3.640	ng/ul	97
95) Dibenzo(a,h)anthracene	26.551	278	236475	1.166	ng/ul#	86
96) Benzo(g,h,i)perylene	27.345	276	617148	3.138	ng/ul	99

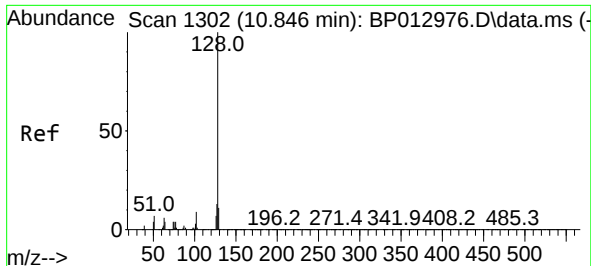
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

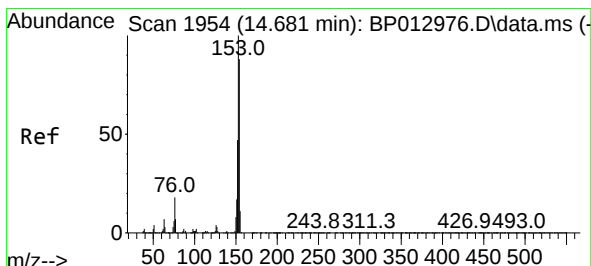
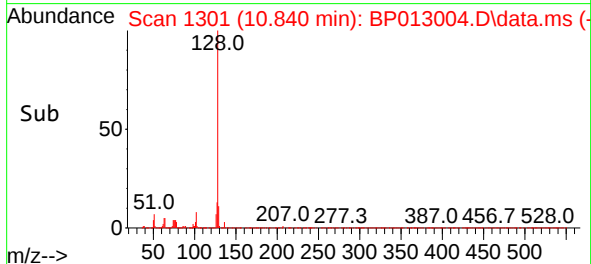
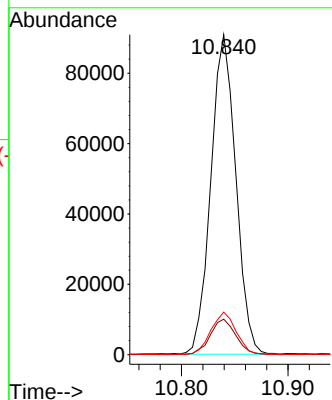
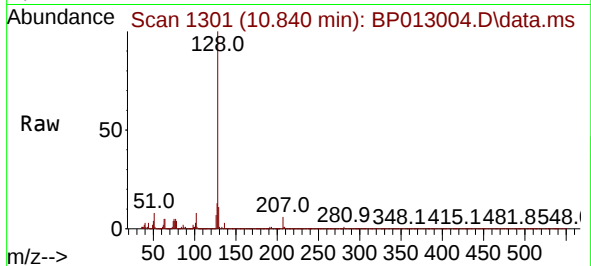




#30
Naphthalene
Concen: 1.015 ng/ul
RT: 10.840 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013004.D
Acq: 09 Dec 2022 02:47

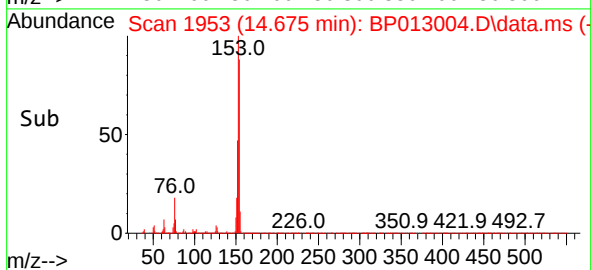
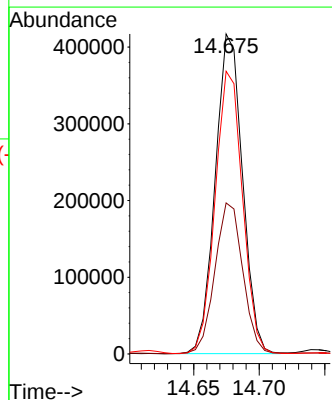
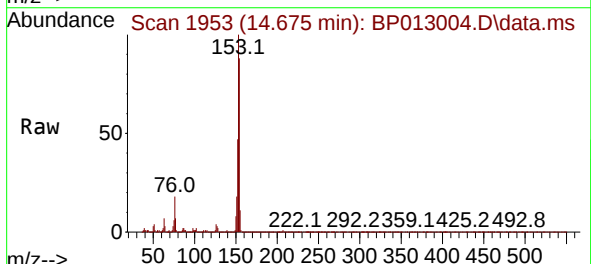
Instrument :
BNA_P
ClientSampleId :

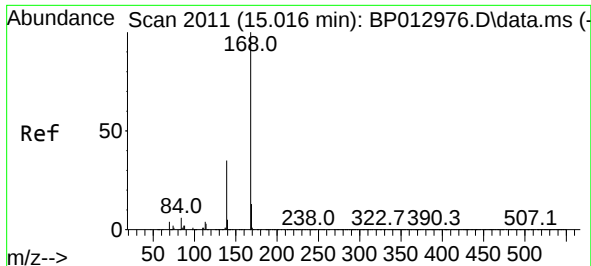
Tgt Ion:128 Resp: 147921
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.3 10.4 15.6



#52
Acenaphthene
Concen: 5.065 ng/ul
RT: 14.675 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP013004.D
Acq: 09 Dec 2022 02:47

Tgt Ion:153 Resp: 602826
Ion Ratio Lower Upper
153 100
152 47.2 38.2 57.4
154 88.4 70.8 106.2

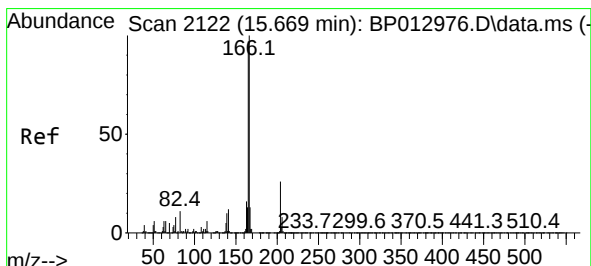
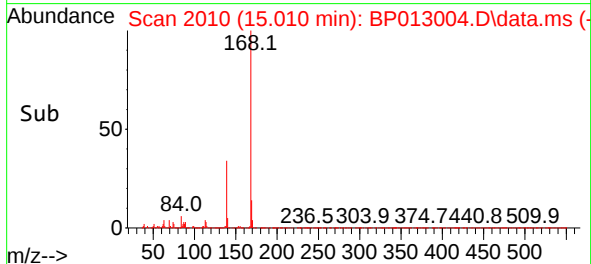
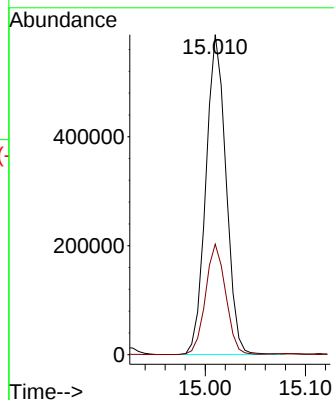
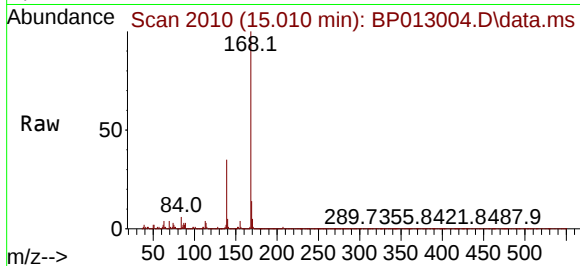




#56
Dibenzenofuran
Concen: 4.843 ng/ul
RT: 15.010 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP013004.D
Acq: 09 Dec 2022 02:47

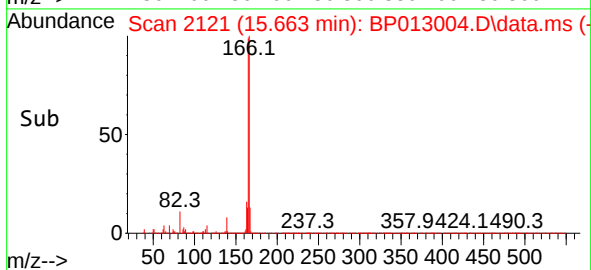
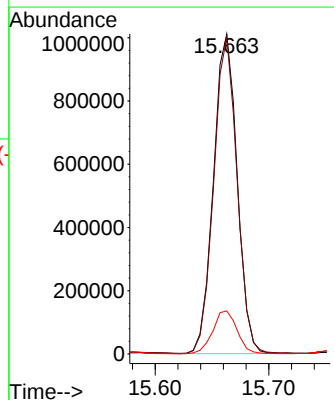
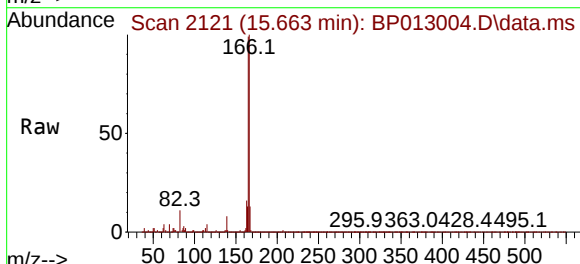
Instrument :
BNA_P
ClientSampleId :

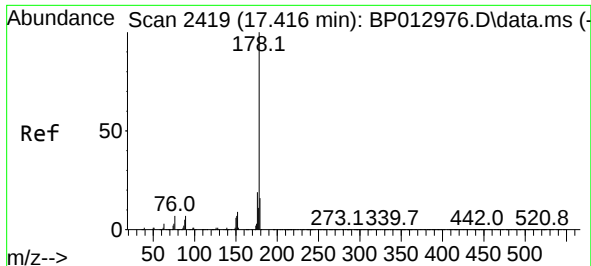
Tgt Ion:168 Resp: 819510
Ion Ratio Lower Upper
168 100
139 34.6 27.9 41.9



#61
Fluorene
Concen: 10.781 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP013004.D
Acq: 09 Dec 2022 02:47

Tgt Ion:166 Resp: 1463054
Ion Ratio Lower Upper
166 100
165 99.0 77.4 116.2
167 13.4 10.6 16.0

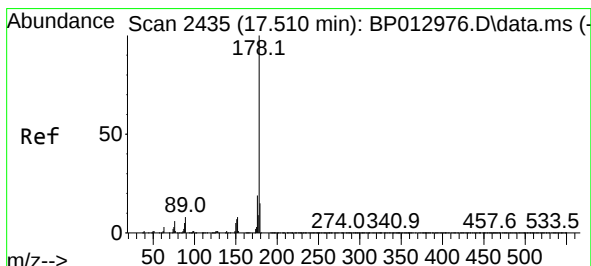
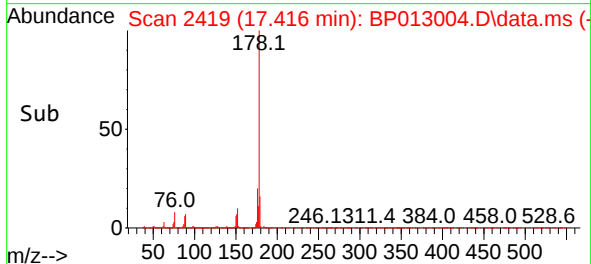
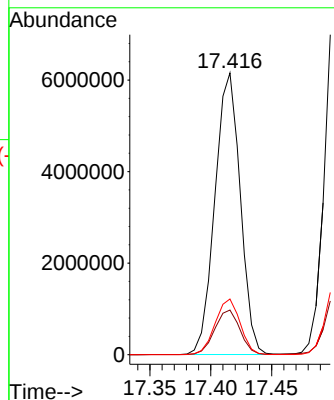
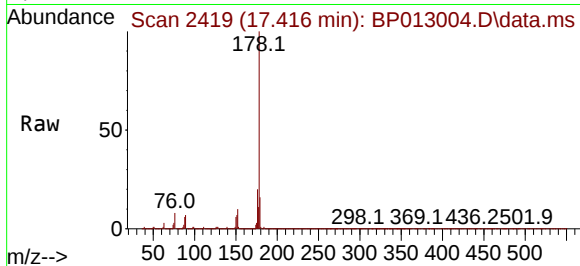




#72
Phenanthrene
Concen: 40.347 ng/ul
RT: 17.416 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BP013004.D
Acq: 09 Dec 2022 02:47

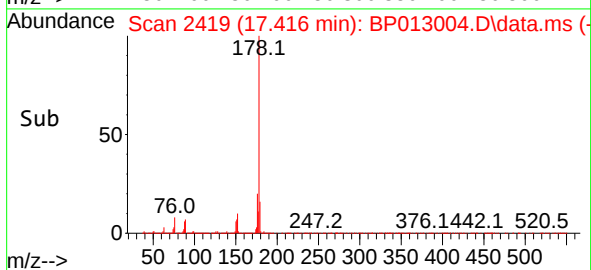
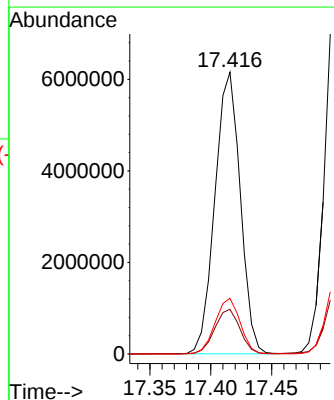
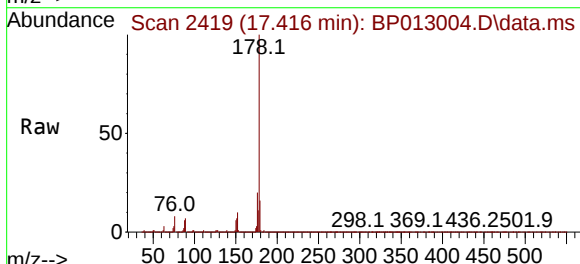
Instrument :
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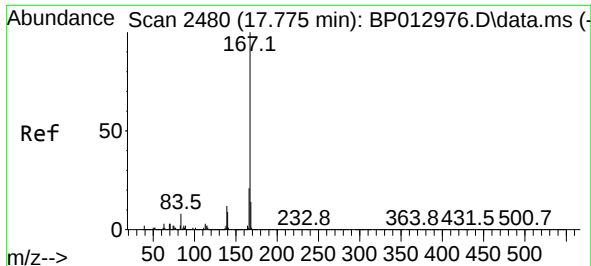
Tgt Ion:178 Resp: 8909780
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 19.7 15.4 23.0



#74
Anthracene
Concen: 40.408 ng/ul
RT: 17.416 min Scan# 2419
Delta R.T. -0.094 min
Lab File: BP013004.D
Acq: 09 Dec 2022 02:47

Tgt Ion:178 Resp: 8909780
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 19.7 14.8 22.2

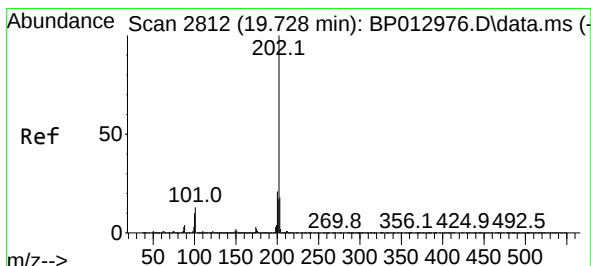
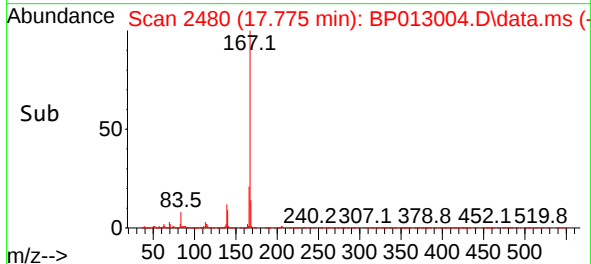
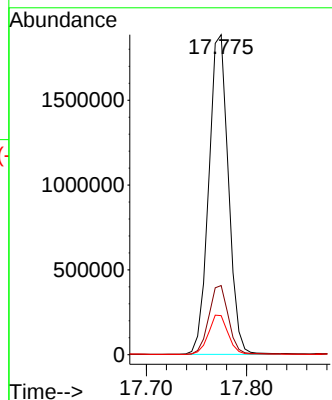
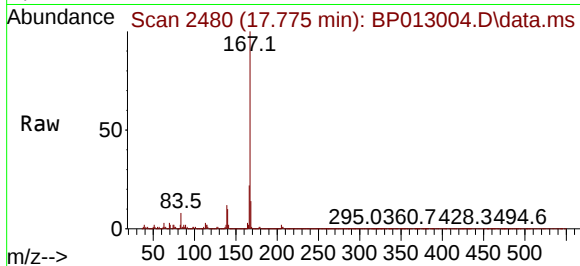




#77
 Carbazole
 Concen: 13.799 ng/ul
 RT: 17.775 min Scan# 2480
 Delta R.T. 0.000 min
 Lab File: BP013004.D
 Acq: 09 Dec 2022 02:47

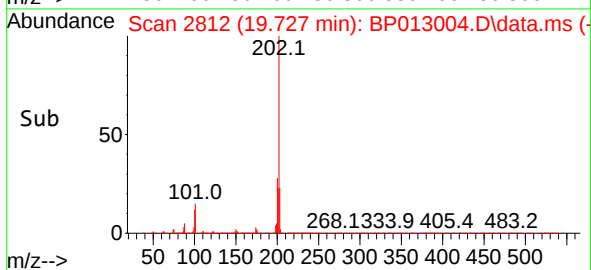
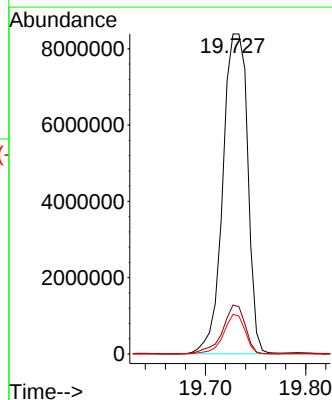
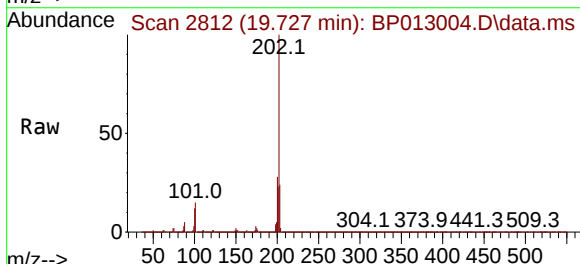
Instrument :
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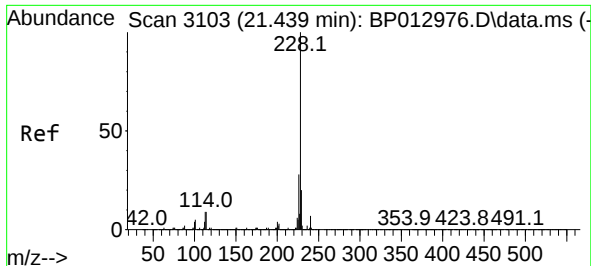
Tgt Ion:167 Resp: 2562408
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 12.2 9.4 14.2



#82
 Pyrene
 Concen: 57.209 ng/ul
 RT: 19.727 min Scan# 2812
 Delta R.T. 0.000 min
 Lab File: BP013004.D
 Acq: 09 Dec 2022 02:47

Tgt Ion:202 Resp:14382379
 Ion Ratio Lower Upper
 202 100
 101 15.3 9.4 14.2#
 100 12.4 7.8 11.8#

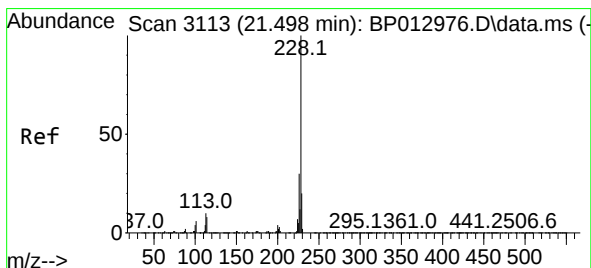
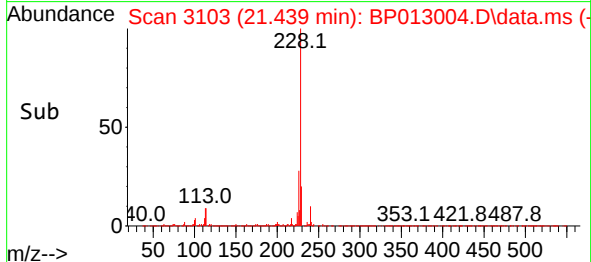
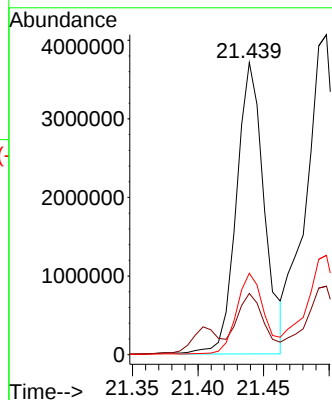
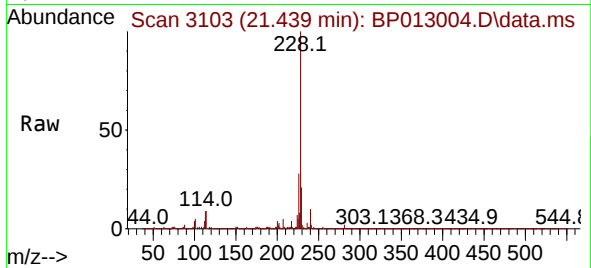




#85
Benzo(a)anthracene
Concen: 22.002 ng/ul
RT: 21.439 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP013004.D
Acq: 09 Dec 2022 02:47

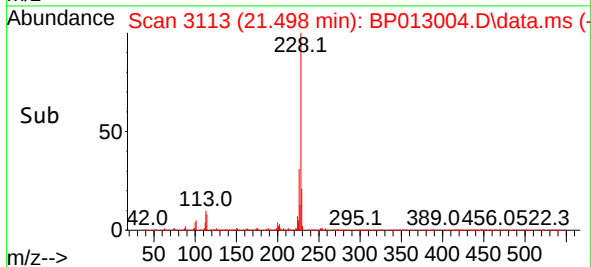
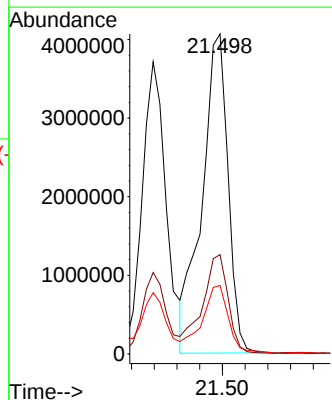
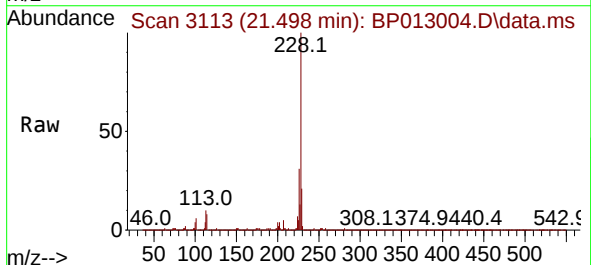
Instrument :
BNA_P
ClientSampleId :

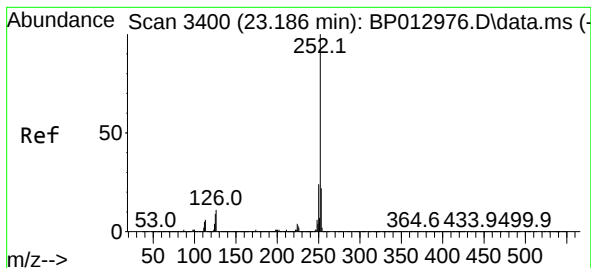
Tgt Ion:228 Resp: 5463983
Ion Ratio Lower Upper
228 100
229 21.0 16.1 24.1
226 27.9 22.0 33.0



#87
Chrysene
Concen: 27.580 ng/ul
RT: 21.498 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BP013004.D
Acq: 09 Dec 2022 02:47

Tgt Ion:228 Resp: 6477101
Ion Ratio Lower Upper
228 100
226 31.0 24.5 36.7
229 21.4 16.0 24.0





#90

Benzo(b)fluoranthene

Concen: 24.906 ng/ul

RT: 23.186 min Scan# 3400

Delta R.T. 0.000 min

Lab File: BP013004.D

Acq: 09 Dec 2022 02:47

Instrument :

BNA_P

ClientSampleId :

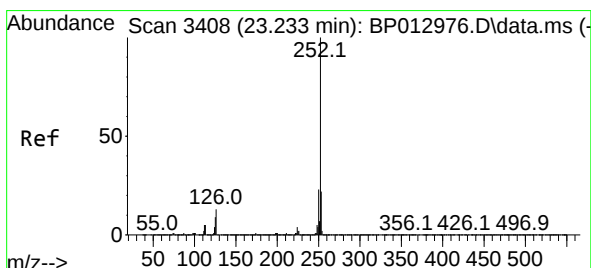
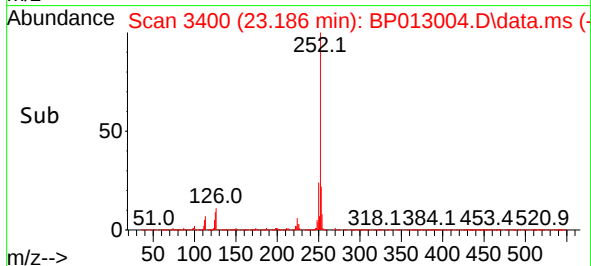
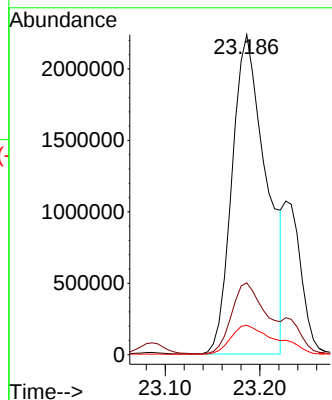
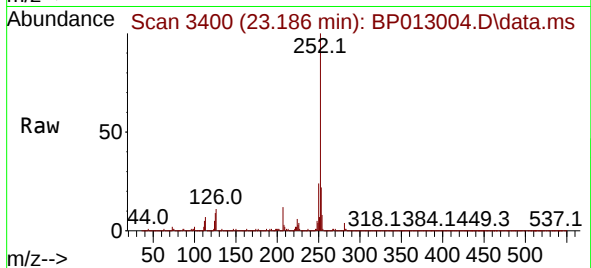
Tgt Ion:252 Resp: 5625560

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 9.2 6.8 10.2



#91

Benzo(k)fluoranthene

Concen: 25.116 ng/ul

RT: 23.186 min Scan# 3400

Delta R.T. -0.047 min

Lab File: BP013004.D

Acq: 09 Dec 2022 02:47

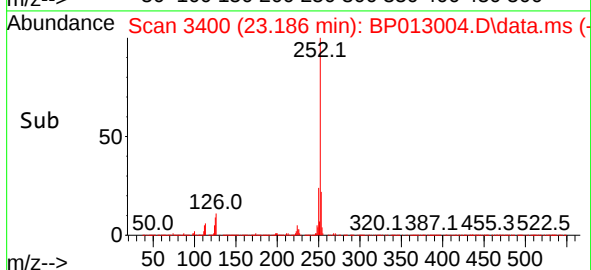
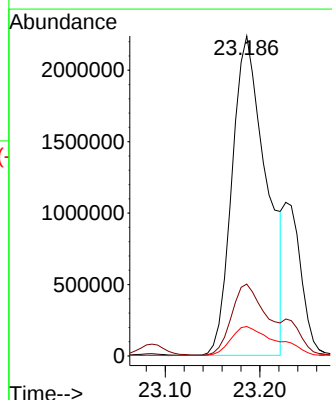
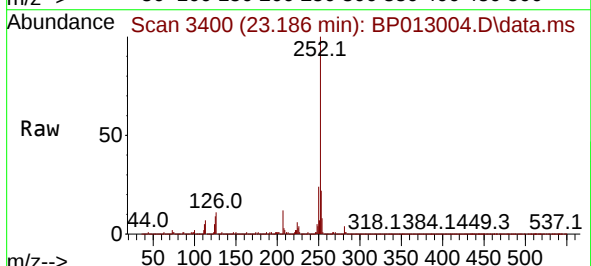
Tgt Ion:252 Resp: 5625560

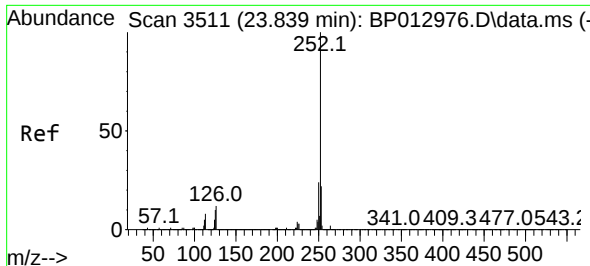
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 9.2 6.8 10.2

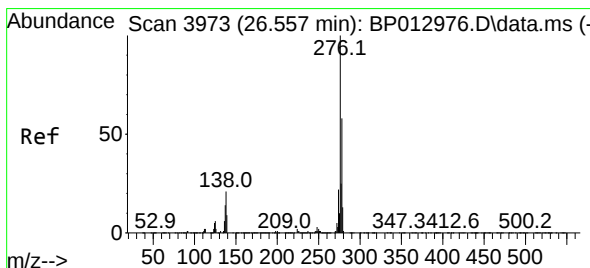
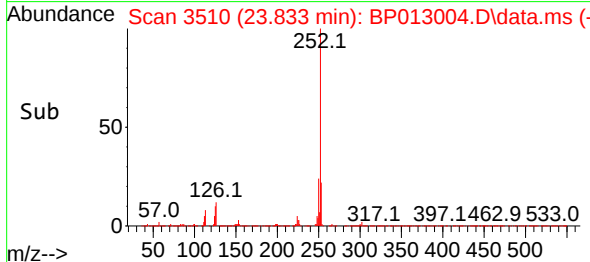
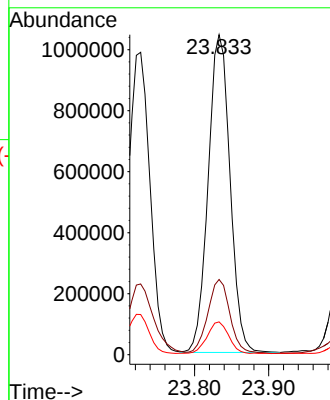
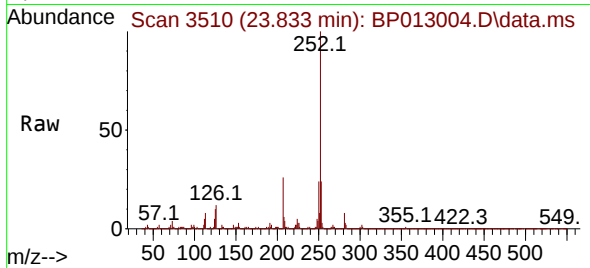




#93
Benzo(a)pyrene
Concen: 10.851 ng/ul
RT: 23.833 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP013004.D
Acq: 09 Dec 2022 02:47

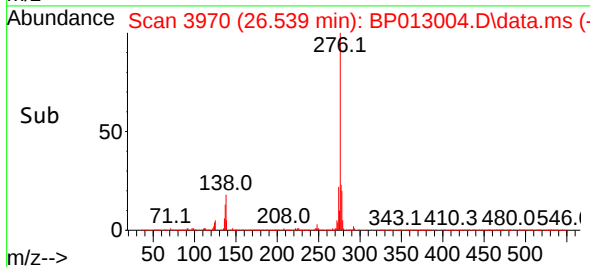
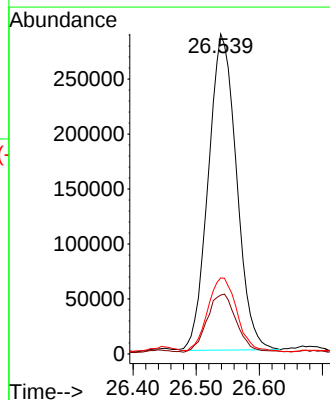
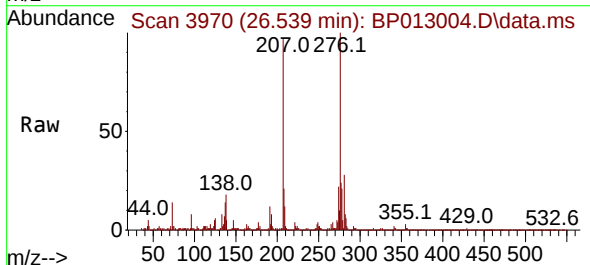
Instrument :
BNA_P
ClientSampleId :

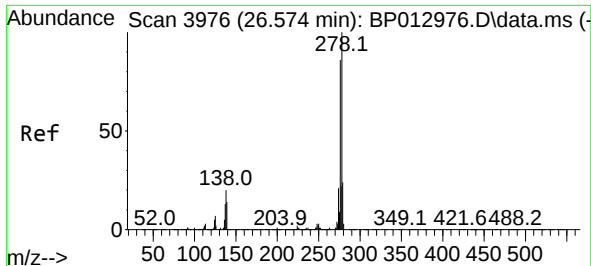
Tgt Ion:252 Resp: 2134140
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 10.3 7.5 11.3



#94
Indeno(1,2,3-cd)pyrene
Concen: 3.640 ng/ul
RT: 26.539 min Scan# 3970
Delta R.T. -0.018 min
Lab File: BP013004.D
Acq: 09 Dec 2022 02:47

Tgt Ion:276 Resp: 891770
Ion Ratio Lower Upper
276 100
138 23.3 17.1 25.7
277 23.8 20.0 30.0

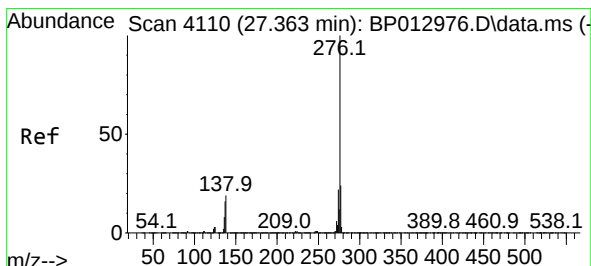
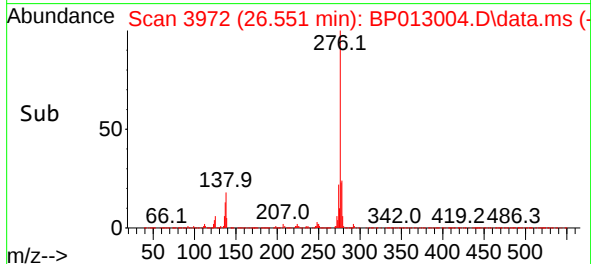
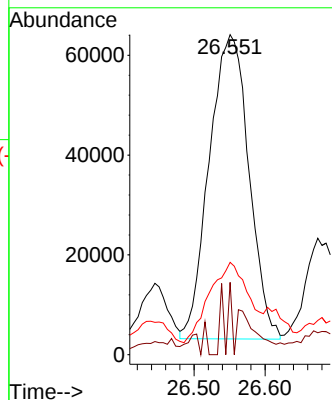
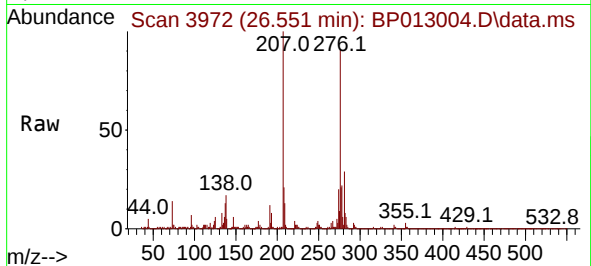




#95
 Dibenzo(a,h)anthracene
 Concen: 1.166 ng/ul
 RT: 26.551 min Scan# 3976
 Delta R.T. -0.018 min
 Lab File: BP013004.D
 Acq: 09 Dec 2022 02:47

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:278 Resp: 236475
 Ion Ratio Lower Upper
 278 100
 139 22.6 11.1 16.7#
 279 28.8 19.0 28.6#



#96
 Benzo(g,h,i)perylene
 Concen: 3.138 ng/ul
 RT: 27.345 min Scan# 4107
 Delta R.T. -0.006 min
 Lab File: BP013004.D
 Acq: 09 Dec 2022 02:47

Tgt Ion:276 Resp: 617148
 Ion Ratio Lower Upper
 276 100
 138 19.9 15.4 23.2
 277 23.3 19.1 28.7

