

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
 Data File : BM039516.D
 Acq On : 20 Apr 2023 04:17
 Operator : CG/JU
 Sample : 02296-15DL2 300X
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCBM0DL2

Quant Time: Apr 20 05:32:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 19 08:18:41 2023
 Response via : Initial Calibration

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

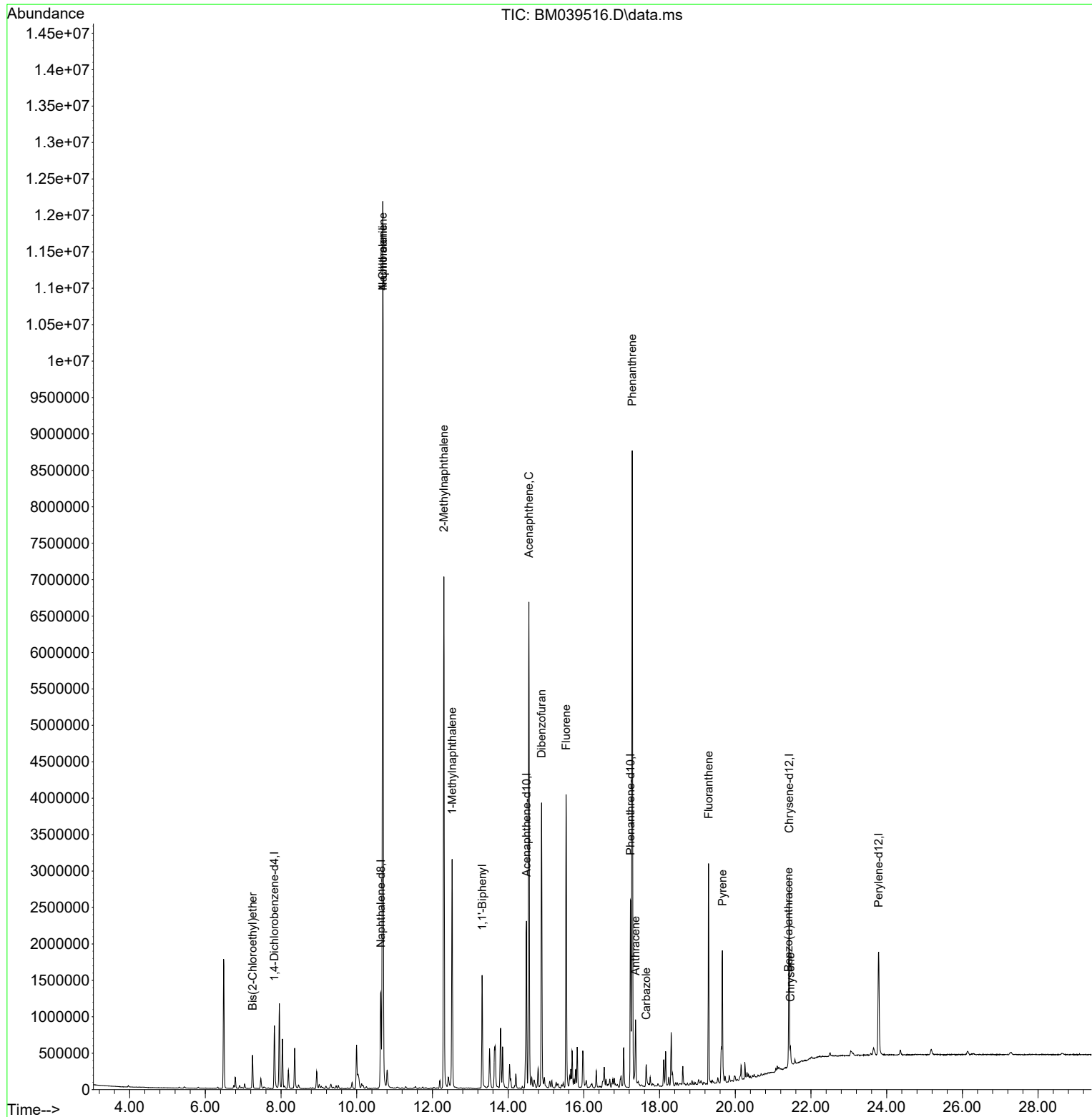
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	238920	20.000	ng/ul	0.00
20) Naphthalene-d8	10.636	136	1189337	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.483	164	773848	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.230	188	1625452	20.000	ng/ul	0.00
79) Chrysene-d12	21.424	240	1185833	20.000	ng/ul	0.00
88) Perylene-d12	23.789	264	1147907	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.225	96	190	0.031	ng/uL	0.00
4) Pyridine-d5	3.643	84	355	0.020	ng/ul	0.00
7) Phenol-d5	7.184	99	430	0.020	ng/ul	0.17
9) Bis-(2-Chloroethyl)eth...	7.154	67	71	0.005	ng/ul	0.00
11) 2-Chlorophenol-d4	7.384	132	293	0.017	ng/ul	0.02
15) 4-Methylphenol-d8	8.613	113	68	0.004	ng/ul	0.05
21) Nitrobenzene-d5	9.013	128	2015	0.211	ng/ul	0.01
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	10.331	165	487	0.026	ng/ul	0.06
31) 4-Chloroaniline-d4	10.742	131	4069	0.147	ng/ul	-0.04
46) Dimethylphthalate-d6	13.901	166	7680	0.123	ng/ul	0.00
49) Acenaphthylene-d8	14.177	160	6372	0.091	ng/ul	0.00
54) 4-Nitrophenol-d4	14.724	143	153	0.016	ng/ul	0.00
60) Fluorene-d10	15.477	176	6268	0.123	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul	
73) Anthracene-d10	17.330	188	12886	0.165	ng/ul	0.00
81) Pyrene-d10	19.630	212	9443	0.120	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.636	264	6413	0.103	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Bis(2-Chloroethyl)ether	7.248	93	165867	8.738	ng/ul#	23
30) Naphthalene	10.689	128	10150200	154.247	ng/ul	99
32) 4-Chloroaniline	10.689	127	1343937	49.397	ng/ul#	6
36) 2-Methylnaphthalene	12.301	142	3313755	75.118	ng/ul	99
37) 1-Methylnaphthalene	12.519	142	1437113	32.418	ng/ul	98
43) 1,1'-Biphenyl	13.313	154	835574	13.972	ng/ul	99
52) Acenaphthene	14.548	153	2690712	52.109	ng/ul	100
56) Dibenzofuran	14.883	168	2466224	35.139	ng/ul	99
61) Fluorene	15.530	166	1831784	31.551	ng/ul	99
72) Phenanthrene	17.277	178	5042241	55.875	ng/ul	99
74) Anthracene	17.365	178	569249	6.288	ng/ul	97
77) Carbazole	17.648	167	214695	2.669	ng/ul	99
80) Fluoranthene	19.295	202	1735740	18.793	ng/ul	97
82) Pyrene	19.659	202	1129850	11.817	ng/ul	97
85) Benzo(a)anthracene	21.406	228	151307	1.764	ng/ul	97
87) Chrysene	21.459	228	119950	1.466	ng/ul	97

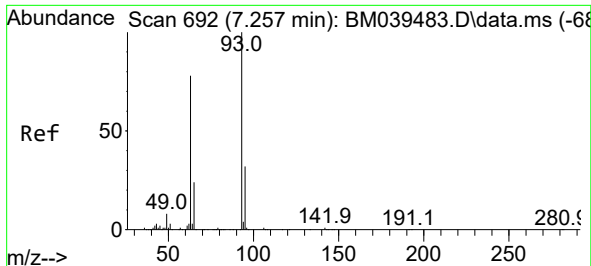
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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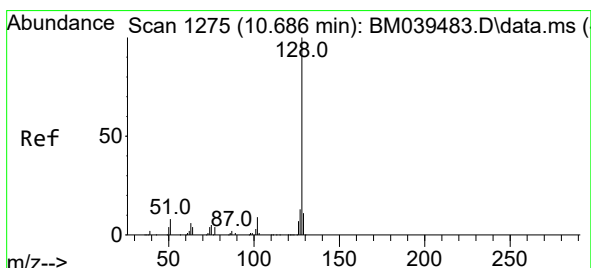
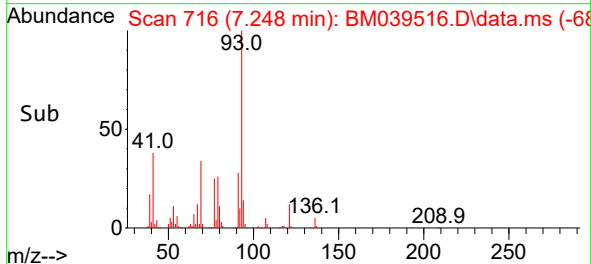
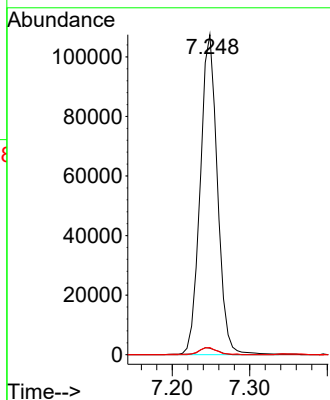
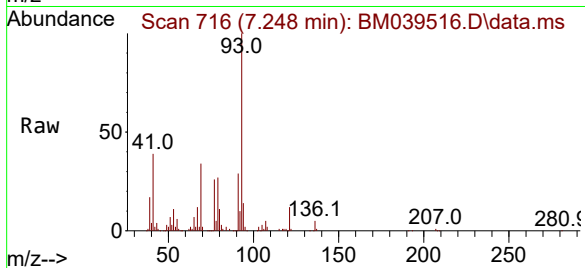




#10
Bis(2-Chloroethyl)ether
Concen: 8.738 ng/ul
RT: 7.248 min Scan# 716
Delta R.T. -0.009 min
Lab File: BM039516.D
Acq: 20 Apr 2023 04:17

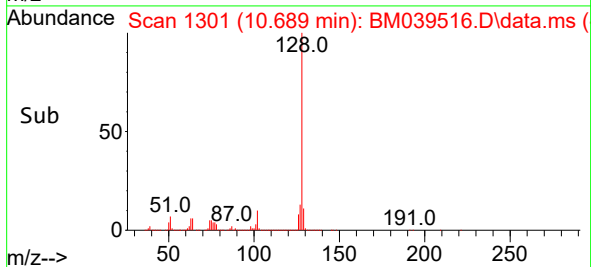
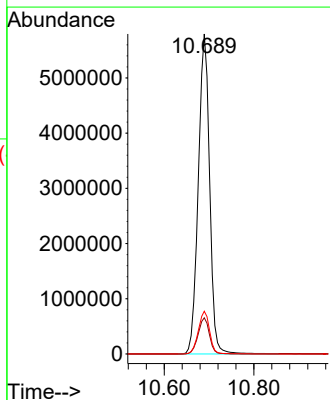
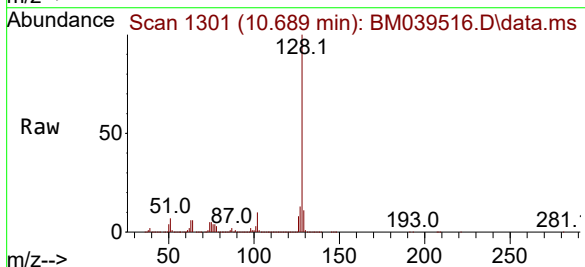
Instrument :
BNA_N
ClientSampleId :
DCBM0DL2

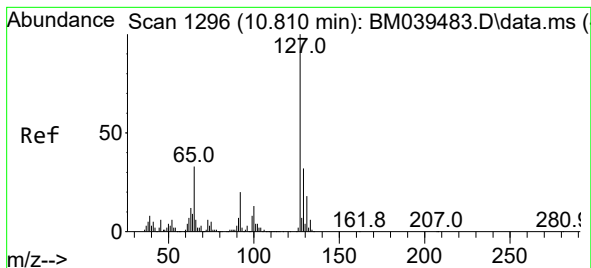
Tgt Ion: 93 Resp: 165867
Ion Ratio Lower Upper
93 100
63 2.0 61.9 92.9#
95 2.2 25.8 38.8#



#30
Naphthalene
Concen: 154.247 ng/ul
RT: 10.689 min Scan# 1301
Delta R.T. 0.003 min
Lab File: BM039516.D
Acq: 20 Apr 2023 04:17

Tgt Ion:128 Resp:10150200
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.5 15.7

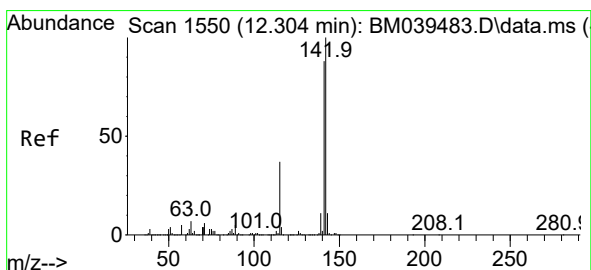
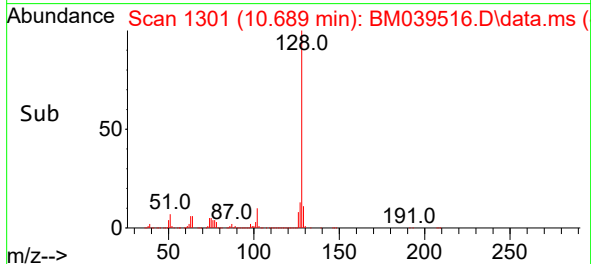
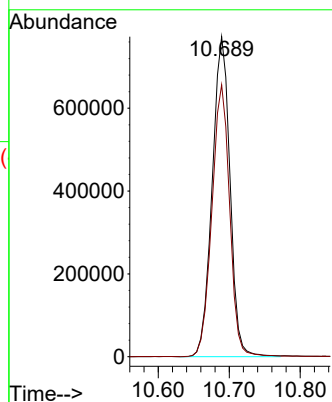
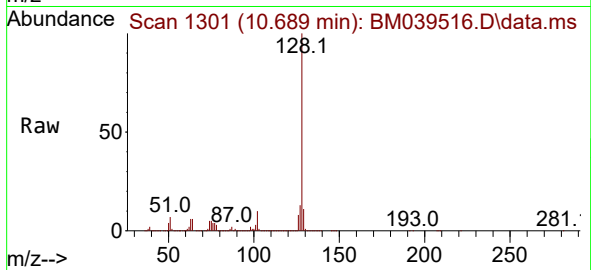




#32
4-Chloroaniline
Concen: 49.397 ng/ul
RT: 10.689 min Scan# 11
Delta R.T. -0.121 min
Lab File: BM039516.D
Acq: 20 Apr 2023 04:17

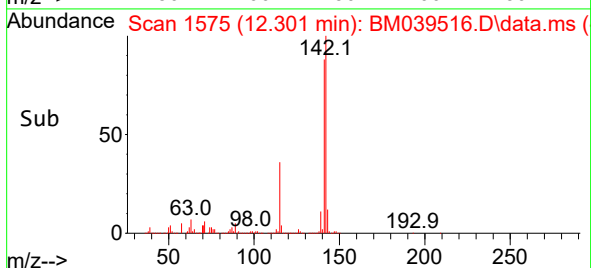
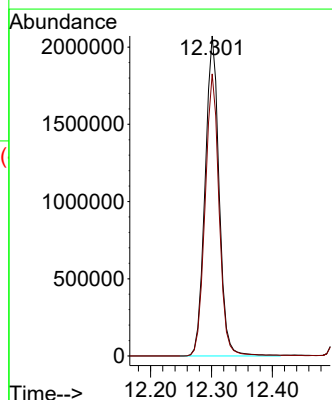
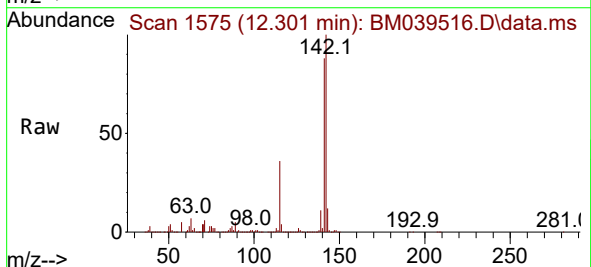
Instrument :
BNA_N
ClientSampleId :
DCBM0DL2

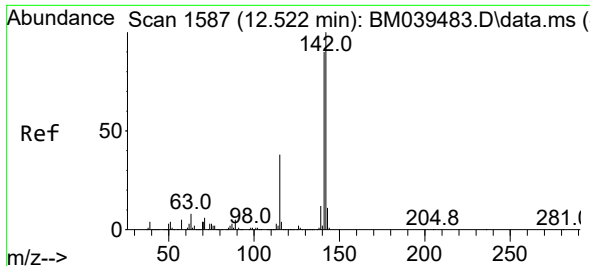
Tgt Ion:127 Resp: 1343937
Ion Ratio Lower Upper
127 100
129 85.0 25.8 38.8#



#36
2-Methylnaphthalene
Concen: 75.118 ng/ul
RT: 12.301 min Scan# 1575
Delta R.T. -0.003 min
Lab File: BM039516.D
Acq: 20 Apr 2023 04:17

Tgt Ion:142 Resp: 3313755
Ion Ratio Lower Upper
142 100
141 88.1 71.1 106.7





#37

1-Methylnaphthalene

Concen: 32.418 ng/ul

RT: 12.519 min Scan# 1

Delta R.T. -0.003 min

Lab File: BM039516.D

Acq: 20 Apr 2023 04:17

Instrument :

BNA_N

ClientSampleId :

DCBM0DL2

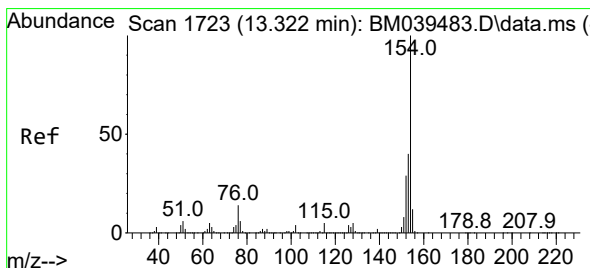
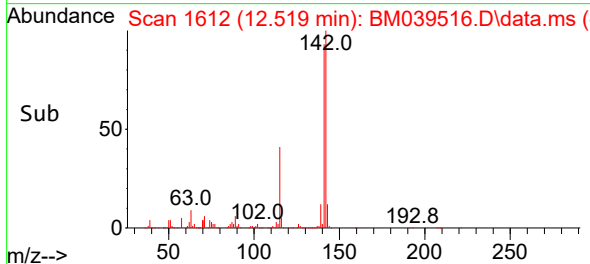
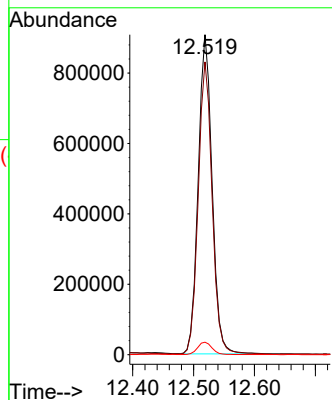
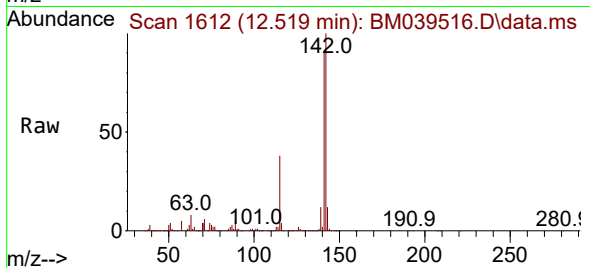
Tgt Ion:142 Resp: 1437113

Ion Ratio Lower Upper

142 100

141 91.5 72.0 108.0

116 3.9 3.2 4.8



#43

1,1'-Biphenyl

Concen: 13.972 ng/ul

RT: 13.313 min Scan# 1747

Delta R.T. -0.009 min

Lab File: BM039516.D

Acq: 20 Apr 2023 04:17

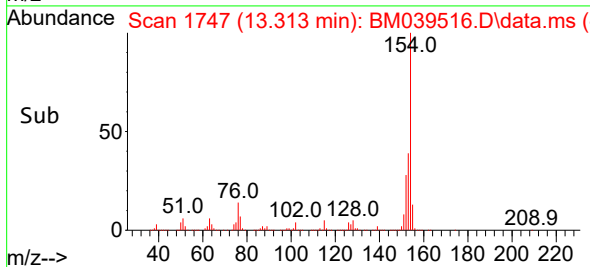
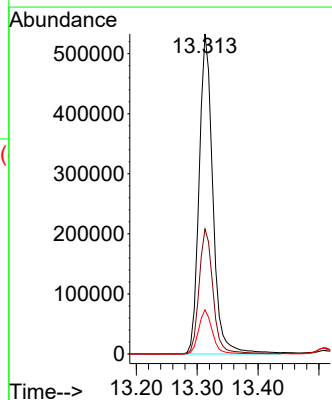
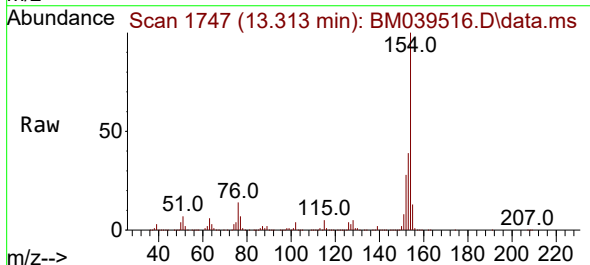
Tgt Ion:154 Resp: 835574

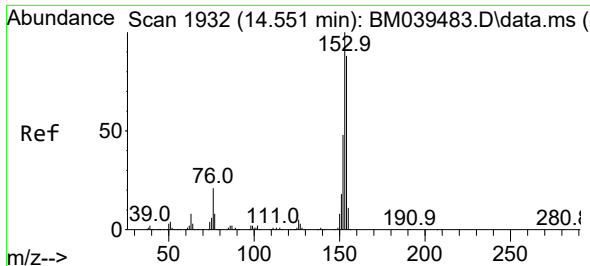
Ion Ratio Lower Upper

154 100

153 39.0 31.9 47.9

76 13.8 11.5 17.3

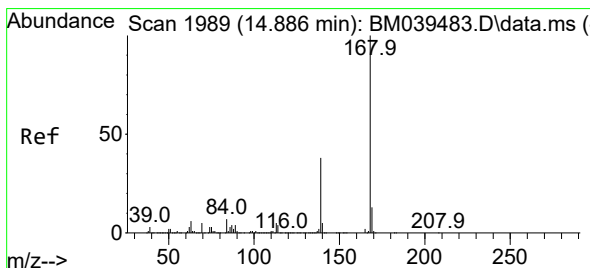
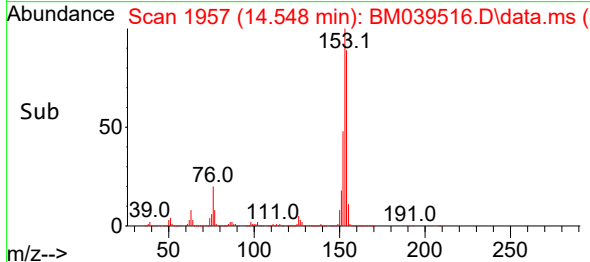
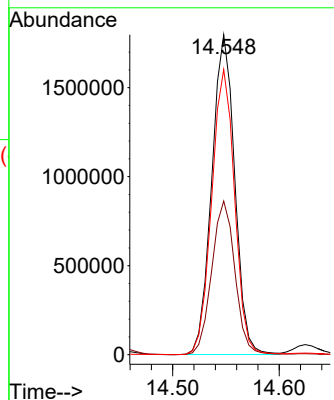
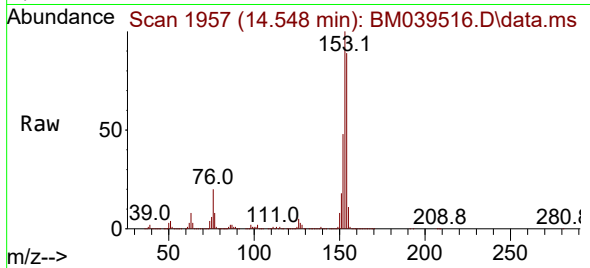




#52
Acenaphthene
Concen: 52.109 ng/ul
RT: 14.548 min Scan# 1932
Delta R.T. -0.003 min
Lab File: BM039516.D
Acq: 20 Apr 2023 04:17

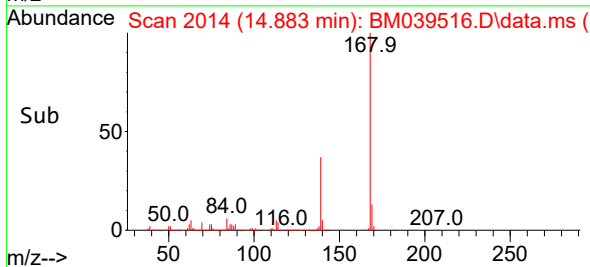
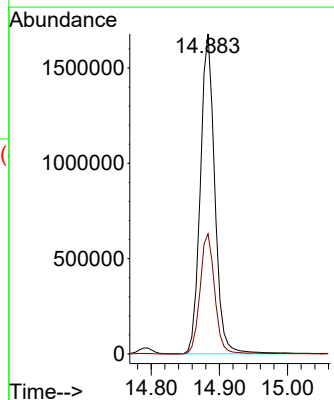
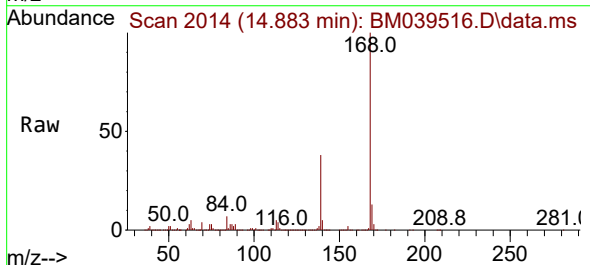
Instrument :
BNA_N
ClientSampleId :
DCBM0DL2

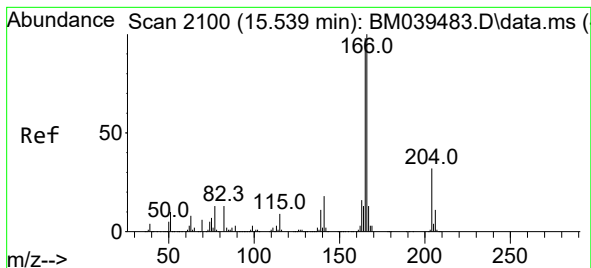
Tgt Ion:153 Resp: 2690712
Ion Ratio Lower Upper
153 100
152 48.0 38.2 57.4
154 89.1 71.0 106.4



#56
Dibenzofuran
Concen: 35.139 ng/ul
RT: 14.883 min Scan# 2014
Delta R.T. -0.003 min
Lab File: BM039516.D
Acq: 20 Apr 2023 04:17

Tgt Ion:168 Resp: 2466224
Ion Ratio Lower Upper
168 100
139 37.6 30.7 46.1





#61

Fluorene

Concen: 31.551 ng/ul

RT: 15.530 min Scan# 2100

Delta R.T. -0.009 min

Lab File: BM039516.D

Acq: 20 Apr 2023 04:17

Instrument :

BNA_N

ClientSampleId :

DCBM0DL2

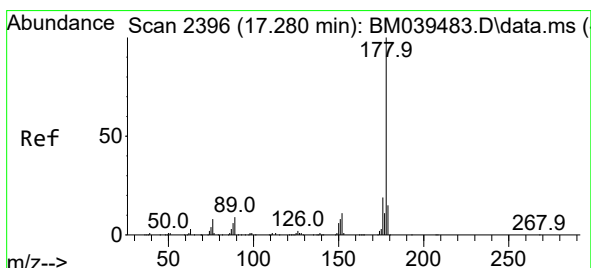
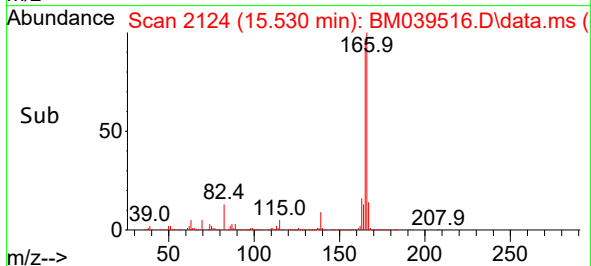
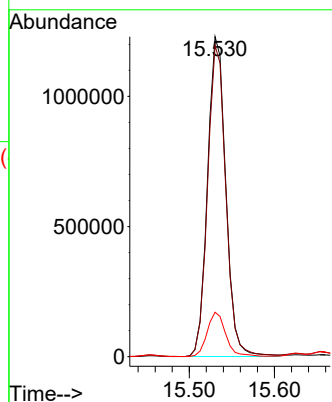
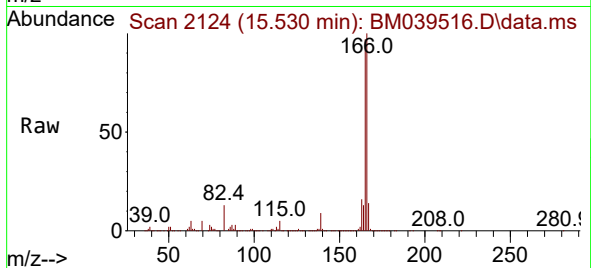
Tgt Ion:166 Resp: 1831784

Ion Ratio Lower Upper

166 100

165 97.2 78.2 117.2

167 13.9 10.7 16.1



#72

Phenanthrene

Concen: 55.875 ng/ul

RT: 17.277 min Scan# 2421

Delta R.T. -0.003 min

Lab File: BM039516.D

Acq: 20 Apr 2023 04:17

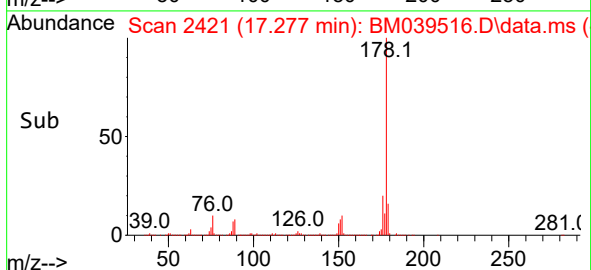
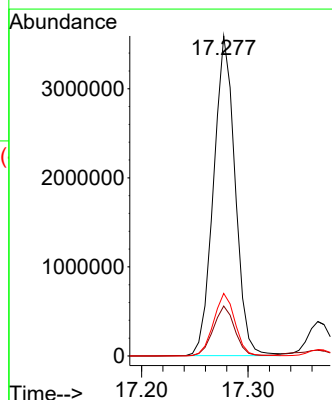
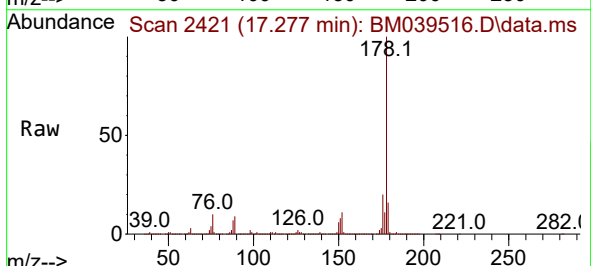
Tgt Ion:178 Resp: 5042241

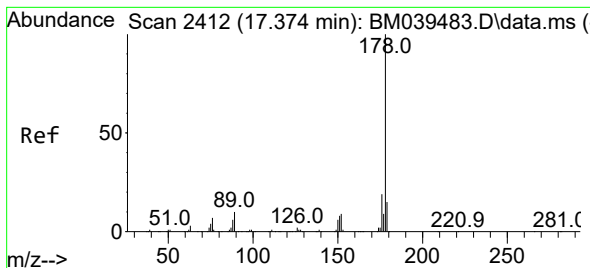
Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

176 19.5 15.8 23.8





#74

Anthracene

Concen: 6.288 ng/ul

RT: 17.365 min Scan# 2412

Delta R.T. -0.009 min

Lab File: BM039516.D

Acq: 20 Apr 2023 04:17

Instrument :

BNA_N

ClientSampleId :

DCBM0DL2

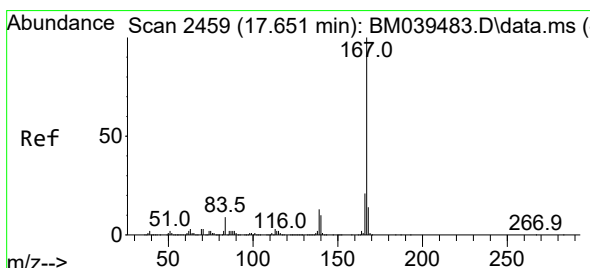
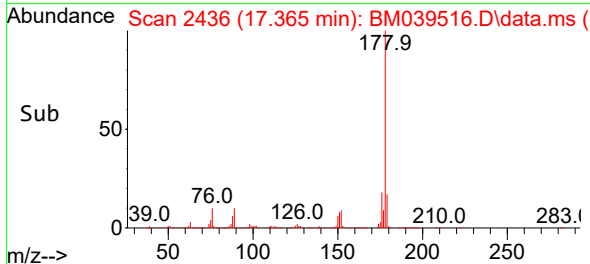
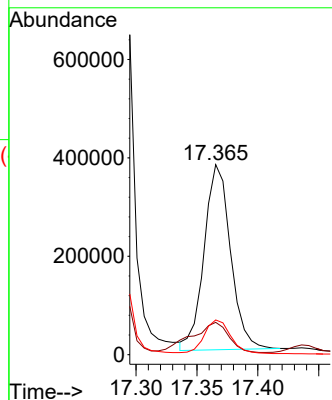
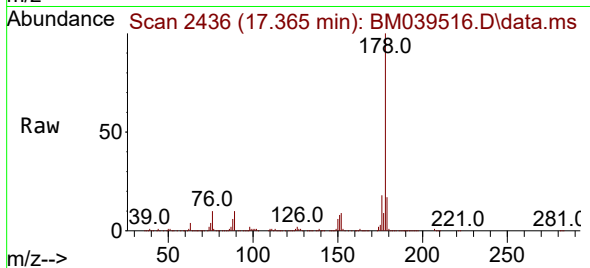
Tgt Ion:178 Resp: 569249

Ion Ratio Lower Upper

178 100

179 17.0 12.1 18.1

176 18.3 15.0 22.6



#77

Carbazole

Concen: 2.669 ng/ul

RT: 17.648 min Scan# 2484

Delta R.T. -0.003 min

Lab File: BM039516.D

Acq: 20 Apr 2023 04:17

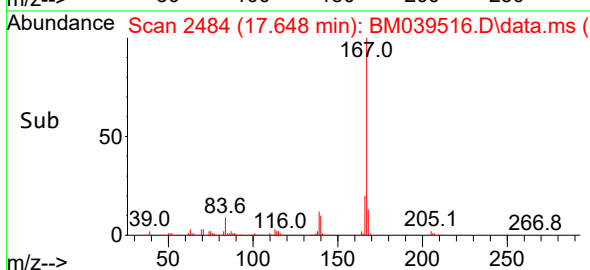
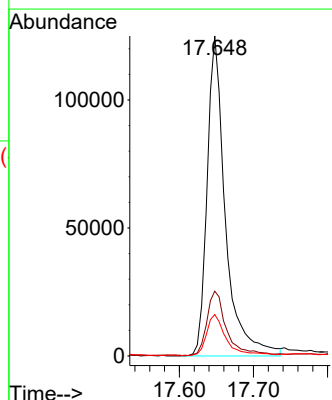
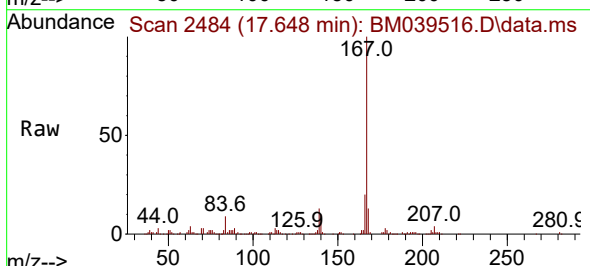
Tgt Ion:167 Resp: 214695

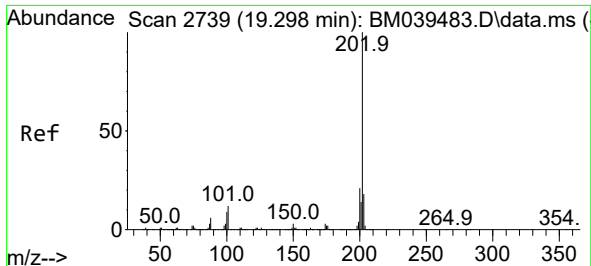
Ion Ratio Lower Upper

167 100

166 20.3 17.0 25.4

139 12.9 10.6 15.8

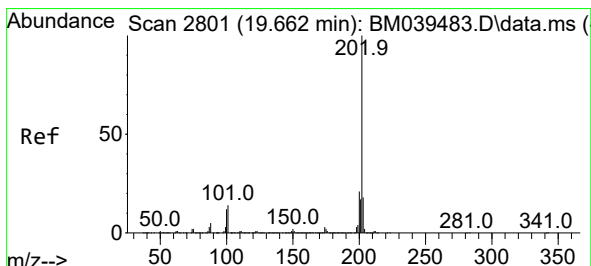
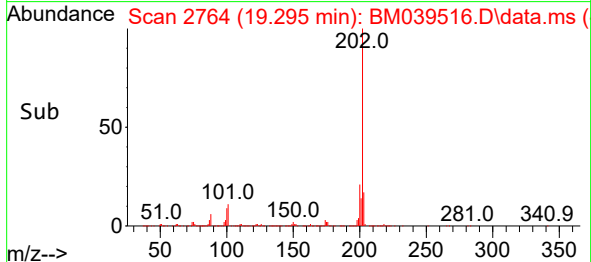
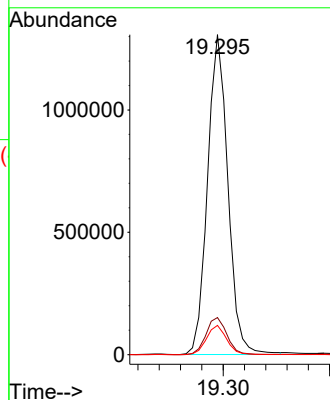
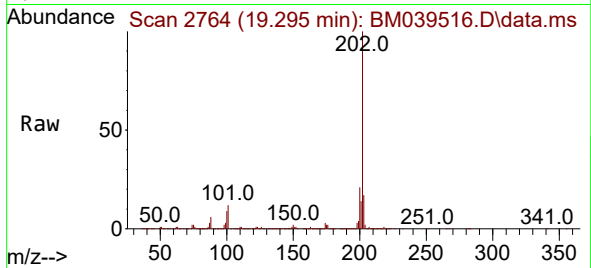




#80
Fluoranthene
Concen: 18.793 ng/ul
RT: 19.295 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM039516.D
Acq: 20 Apr 2023 04:17

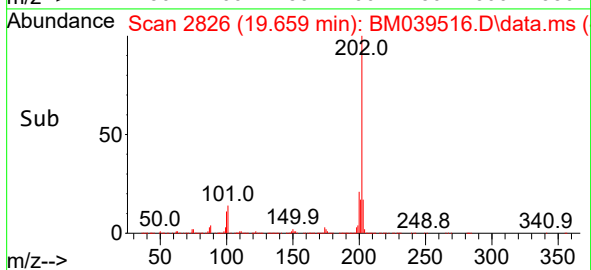
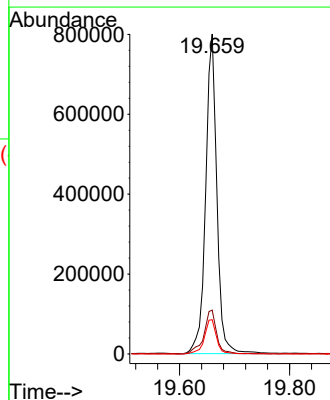
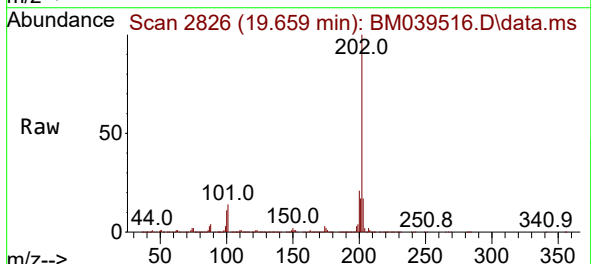
Instrument :
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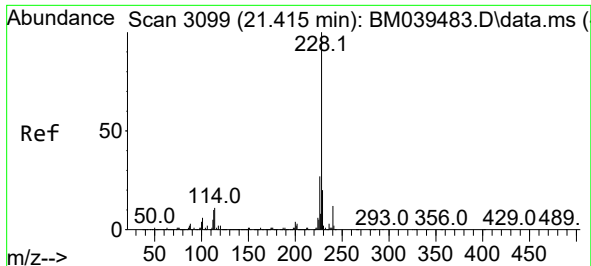
Tgt Ion:202 Resp: 1735740
Ion Ratio Lower Upper
202 100
101 11.6 10.4 15.6
100 9.1 7.7 11.5



#82
Pyrene
Concen: 11.817 ng/ul
RT: 19.659 min Scan# 2826
Delta R.T. -0.003 min
Lab File: BM039516.D
Acq: 20 Apr 2023 04:17

Tgt Ion:202 Resp: 1129850
Ion Ratio Lower Upper
202 100
101 13.7 12.1 18.1
100 10.7 9.6 14.4

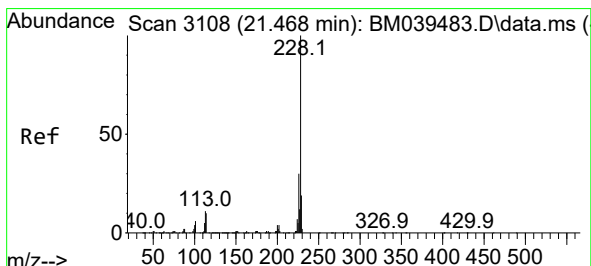
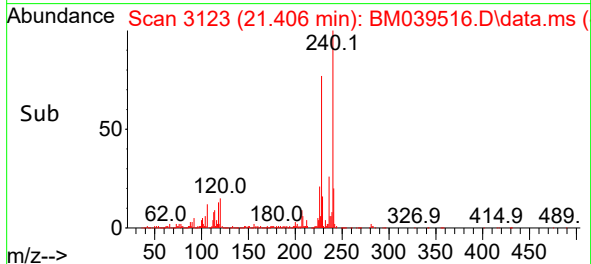
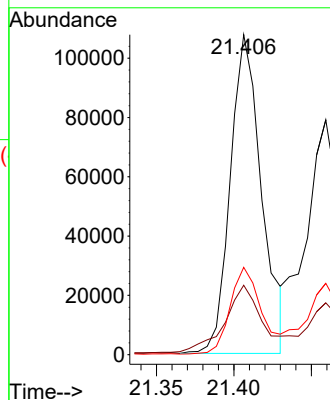
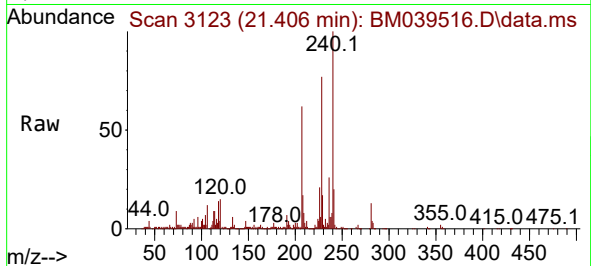




#85
Benzo(a)anthracene
Concen: 1.764 ng/ul
RT: 21.406 min Scan# 3112
Delta R.T. -0.009 min
Lab File: BM039516.D
Acq: 20 Apr 2023 04:17

Instrument :
BNA_N
ClientSampleId :
DCBM0DL2

Tgt Ion:228 Resp: 151307
Ion Ratio Lower Upper
228 100
229 21.7 15.4 23.2
226 27.3 21.6 32.4



#87
Chrysene
Concen: 1.466 ng/ul
RT: 21.459 min Scan# 3132
Delta R.T. -0.009 min
Lab File: BM039516.D
Acq: 20 Apr 2023 04:17

Tgt Ion:228 Resp: 119950
Ion Ratio Lower Upper
228 100
226 30.4 23.9 35.9
229 22.1 15.8 23.6

