

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049516.D
 Acq On : 27 Jul 2021 20:45
 Operator : CG/JU
 Sample : M3091-09
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0047

Manual Integrations
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 7/28/2021 11:30:02 AM

Quant Time: Jul 28 04:37:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 26 11:36:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	23843	20.000	ng/ul	0.00
20) Naphthalene-d8	10.871	136	104615	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.701	164	77701	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.450	188	153432m	20.000	ng/ul	0.00
79) Chrysene-d12	21.727	240	141960m	20.000	ng/ul	0.00
88) Perylene-d12	25.005	264	153769	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	1223m	2.347	ng/uL	0.00
4) Pyridine-d5	3.869	84	6852m	4.578	ng/ul	0.01
7) Phenol-d5	7.206	99	31597	14.978	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.364	67	18780	15.719	ng/ul	0.00
11) 2-Chlorophenol-d4	7.576	132	23830	15.759	ng/ul	0.00
15) 4-Methylphenol-d8	8.756	113	25328	15.929	ng/ul	0.00
21) Nitrobenzene-d5	9.215	128	12794	15.907	ng/ul	0.00
24) 2-Nitrophenol-d4	9.943	143	14909	15.818	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.489	165	26743	15.601	ng/ul	0.00
31) 4-Chloroaniline-d4	11.000	131	32243	13.496	ng/ul	0.00
46) Dimethylphthalate-d6	14.096	166	95522	16.049	ng/ul	0.00
49) Acenaphthylene-d8	14.390	160	115977	16.776	ng/ul	0.00
54) 4-Nitrophenol-d4	14.895	143	12851	13.111	ng/ul	0.00
60) Fluorene-d10	15.688	176	83550	16.294	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.806	200	12383	13.024	ng/ul	0.00
73) Anthracene-d10	17.544	188	125039	17.535	ng/ul	0.00
81) Pyrene-d10	19.830	212	139409m	19.205	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.776	264	138002	17.075	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.918	128	17391	3.227	ng/ul#	93
36) 2-Methylnaphthalene	12.522	142	21745	5.513	ng/ul	97
37) 1-Methylnaphthalene	12.745	142	10560	2.650	ng/ul	88
43) 1,1'-Biphenyl	13.526	154	5612	1.014	ng/ul#	87
72) Phenanthrene	17.492	178	39895	4.995	ng/ul	99
80) Fluoranthene	19.501	202	9123m	1.035	ng/ul	
87) Chrysene	21.774	228	16352m	1.968	ng/ul	

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

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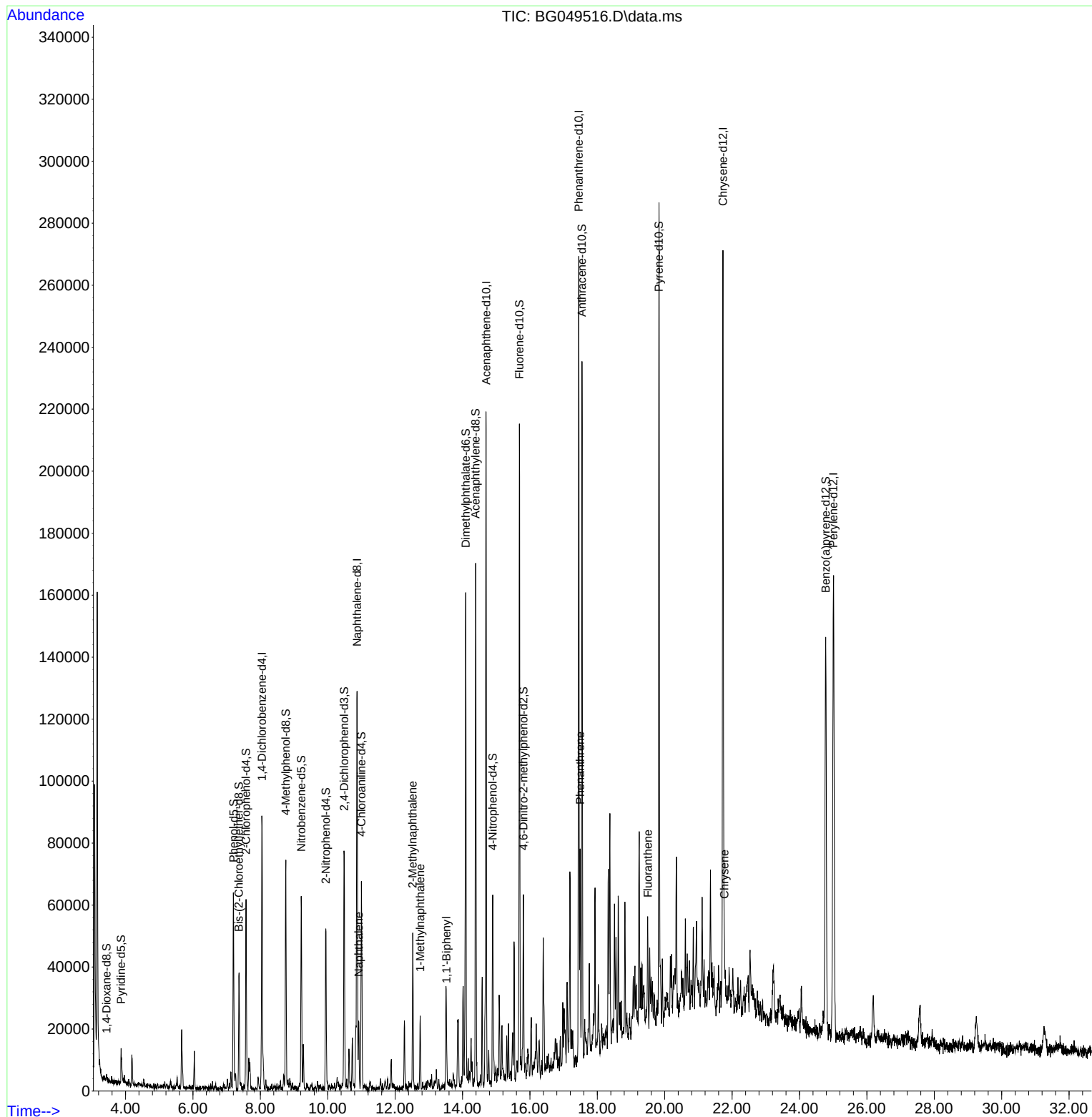
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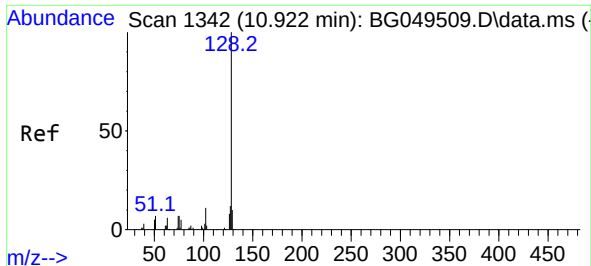
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#30
Naphthalene
Concen: 3.227 ng/ul
RT: 10.918 min Scan# 1341
Delta R.T. 0.002 min
Lab File: BG049516.D
Acq: 27 Jul 2021 20:45

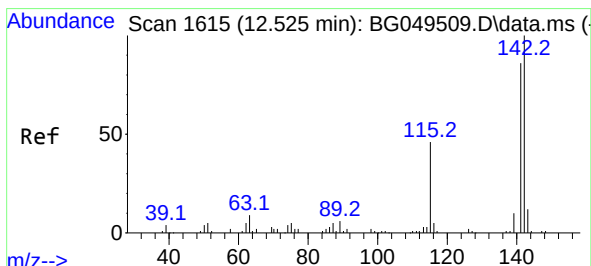
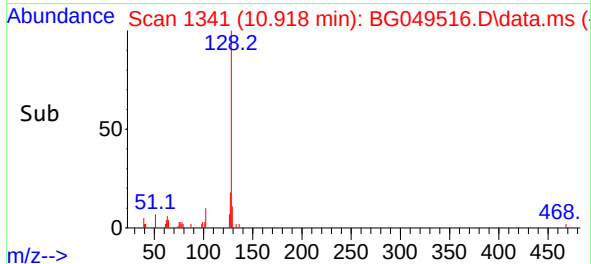
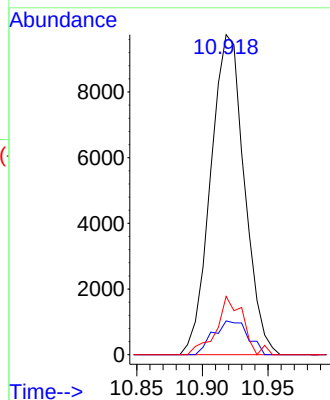
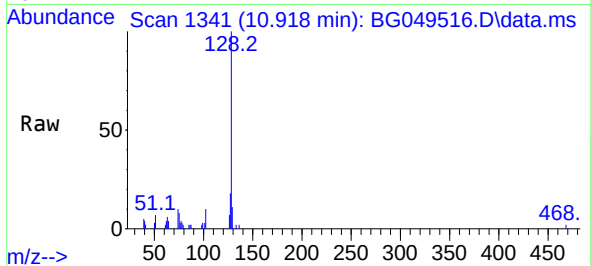
Tgt Ion:	128	Resp:	17391
Ion Ratio	Lower	Upper	
128	100		
129	10.6	7.8	11.8
127	18.2	11.0	16.6#

Instrument :
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ClientSampled :
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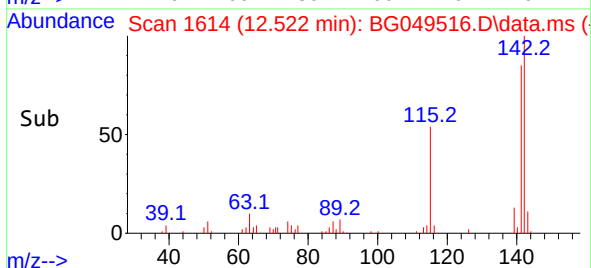
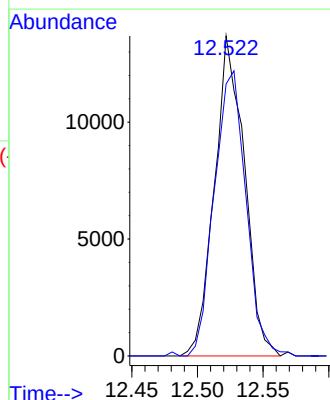
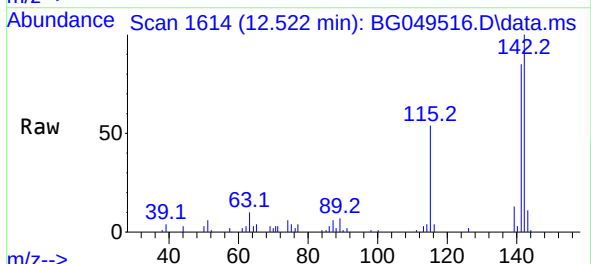
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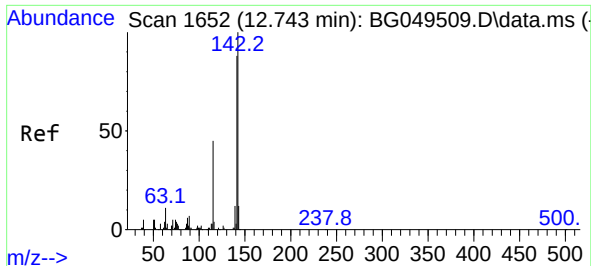
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#36
2-Methylnaphthalene
Concen: 5.513 ng/ul
RT: 12.522 min Scan# 1614
Delta R.T. -0.004 min
Lab File: BG049516.D
Acq: 27 Jul 2021 20:45

Tgt Ion:	142	Resp:	21745
Ion Ratio	Lower	Upper	
142	100		
141	85.0	69.9	104.9





#37
1-Methylnaphthalene
Concen: 2.650 ng/ul
RT: 12.745 min Scan# 1652
Delta R.T. 0.002 min
Lab File: BG049516.D
Acq: 27 Jul 2021 20:45

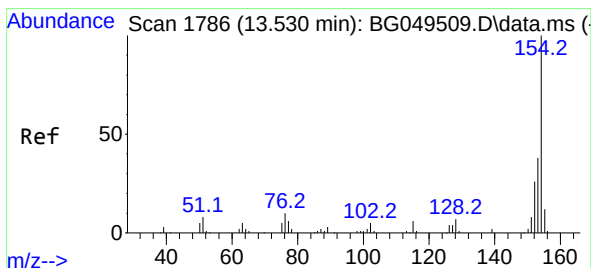
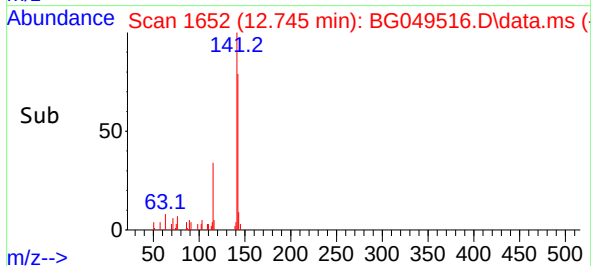
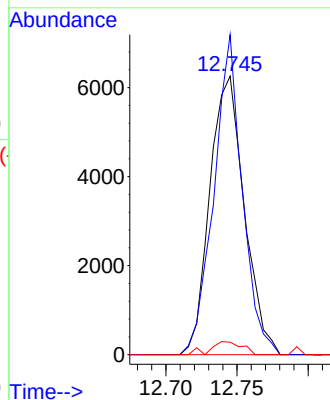
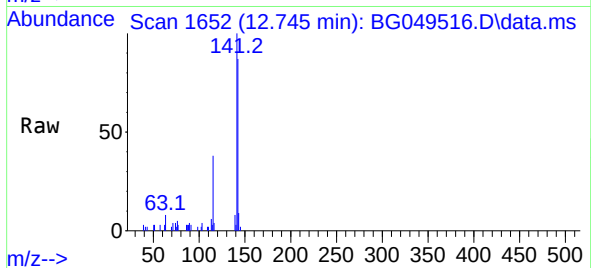
Tgt Ion:	142	Resp:	10560
Ion Ratio	Lower	Upper	
142	100		
141	114.9	82.1	123.1
116	4.5	3.8	5.6

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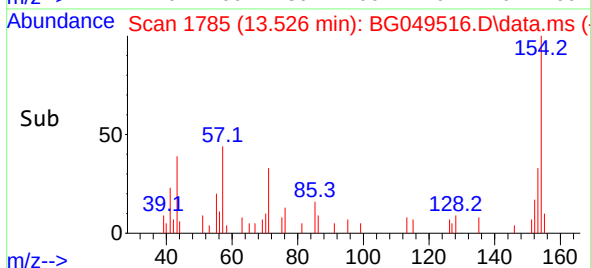
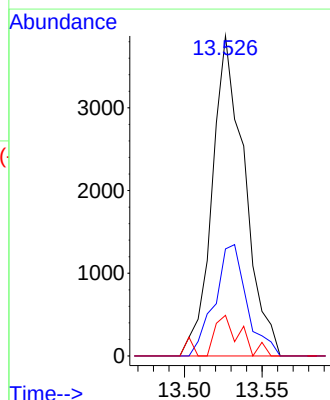
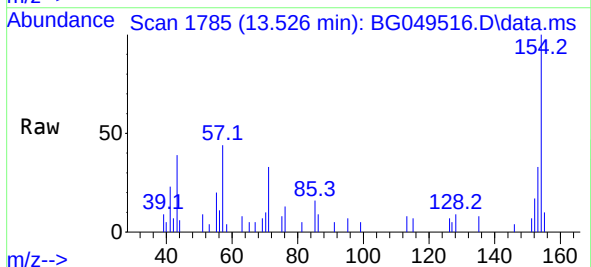
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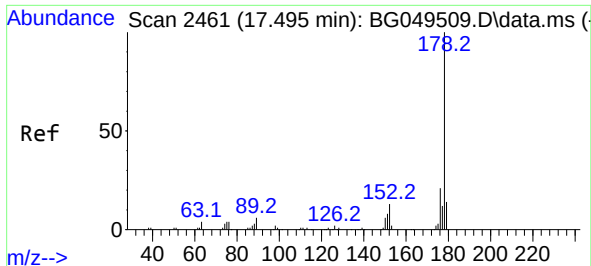
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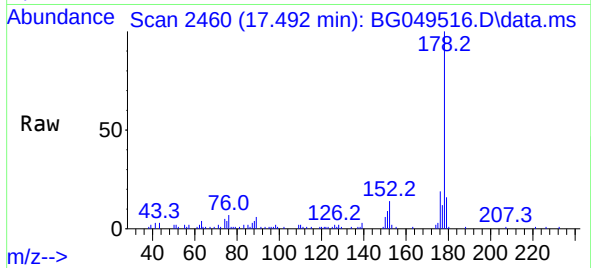
#43
1,1'-Biphenyl
Concen: 1.014 ng/ul
RT: 13.526 min Scan# 1785
Delta R.T. -0.004 min
Lab File: BG049516.D
Acq: 27 Jul 2021 20:45

Tgt Ion:	154	Resp:	5612
Ion Ratio	Lower	Upper	
154	100		
153	33.4	33.3	49.9
76	12.7	7.0	10.6#

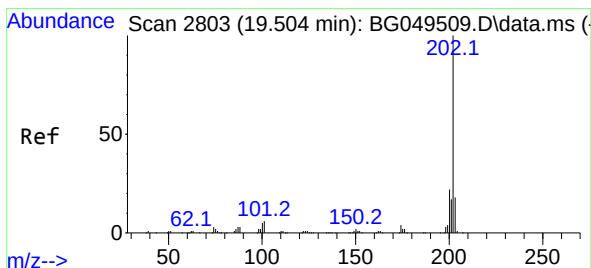
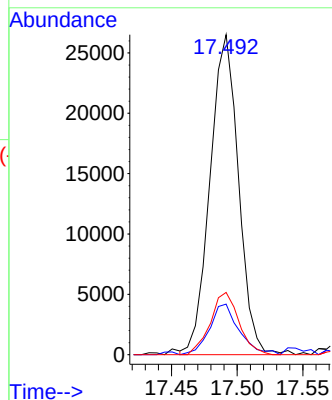
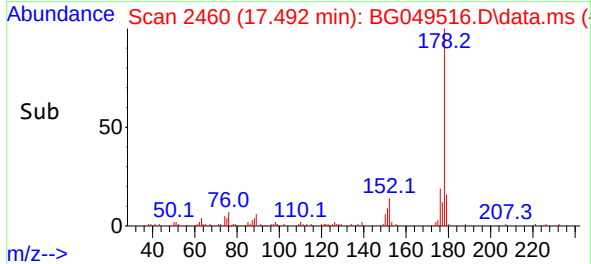




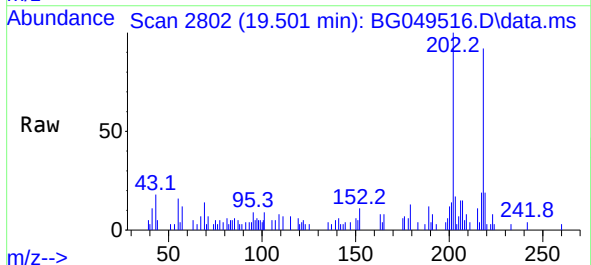
#72
Phenanthrene
Concen: 4.995 ng/ul
RT: 17.492 min Scan# 2460
Delta R.T. 0.002 min
Lab File: BG049516.D
Acq: 27 Jul 2021 20:45



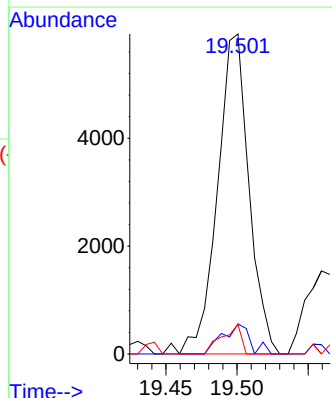
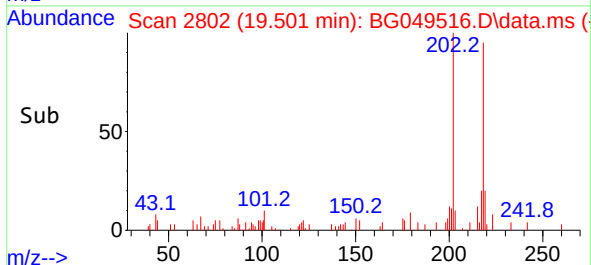
Tgt Ion:178 Resp: 39895
Ion Ratio Lower Upper
178 100
179 15.8 13.2 19.8
176 19.4 15.0 22.6



#80
Fluoranthene
Concen: 1.035 ng/ul m
RT: 19.501 min Scan# 2802
Delta R.T. 0.002 min
Lab File: BG049516.D
Acq: 27 Jul 2021 20:45



Tgt Ion:202 Resp: 9123
Ion Ratio Lower Upper
202 100
101 9.4 4.3 6.5#
100 5.0 3.8 5.6

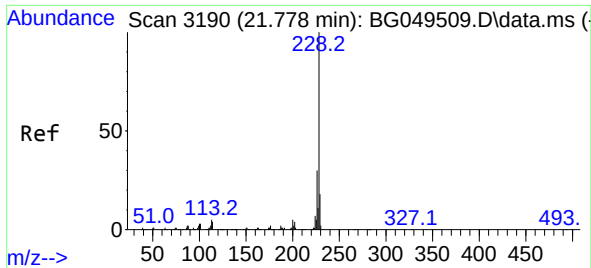


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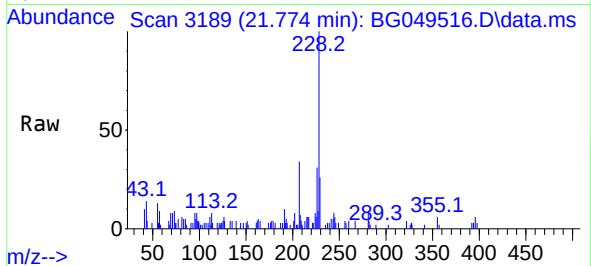
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#87
 Chrysene
 Concen: 1.968 ng/ul m
 RT: 21.774 min Scan# 3189
 Delta R.T. 0.002 min
 Lab File: BG049516.D
 Acq: 27 Jul 2021 20:45

Instrument :
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 ClientSampleId :
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Tgt Ion:228 Resp: 16352
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.6 37.0
 229 26.1 14.9 22.3#

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