

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
 Data File : BP019273.D
 Acq On : 04 Jan 2024 20:30
 Operator : MA/JU
 Sample : 05951-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GCF85

Quant Time: Jan 05 00:39:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 03:48:11 2023
 Response via : Initial Calibration

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

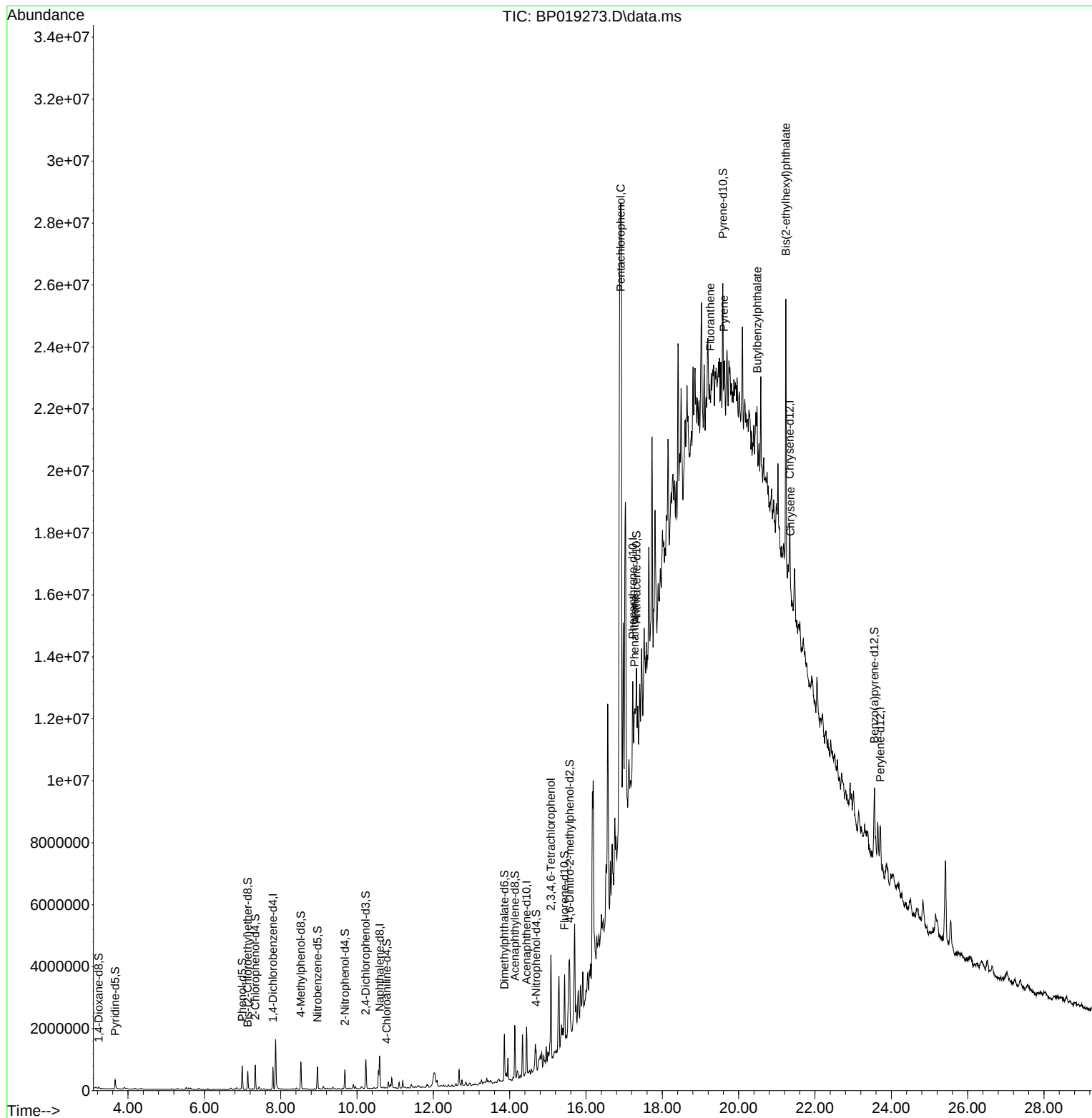
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	198359	20.000	ng/u1	0.00
20) Naphthalene-d8	10.593	136	747819	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	456400	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.227	188	874322	20.000	ng/u1	0.02
79) Chrysene-d12	21.339	240	963502	20.000	ng/u1	0.03
88) Perylene-d12	23.710	264	1142014	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	20981	3.612	ng/uL	0.00
4) Pyridine-d5	3.664	84	167661	11.501	ng/u1	0.01
7) Phenol-d5	6.993	99	436273	24.526	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.134	67	255436	24.822	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	348897	24.329	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	330899	23.893	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	170873	26.433	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	199527	28.559	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	365852	25.933	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	20524m	1.183	ng/u1	0.03
46) Dimethylphthalate-d6	13.863	166	1017597	25.242	ng/u1	0.00
49) Acenaphthylene-d8	14.134	160	1128048	25.789	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	170433m	25.037	ng/u1	0.03
60) Fluorene-d10	15.439	176	859365	24.675	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	74047	12.919	ng/u1	0.00
73) Anthracene-d10	17.322	188	1094205	23.964	ng/u1	0.02
81) Pyrene-d10	19.586	212	1072330	18.262	ng/u1	0.04
92) Benzo(a)pyrene-d12	23.557	264	1625416	24.762	ng/u1	0.04
Target Compounds						
					Qvalue	
58) 2,3,4,6-Tetrachlorophenol	15.081	232	764813m	73.513	ng/u1	
71) Pentachlorophenol	16.910	266	15935964m	2043.811	ng/u1	
72) Phenanthrene	17.269	178	660042	12.457	ng/u1#	88
80) Fluoranthene	19.257	202	193361	2.870	ng/u1#	88
82) Pyrene	19.616	202	340351	4.821	ng/u1	98
83) Butylbenzylphthalate	20.486	149	612416	24.286	ng/u1#	95
86) Bis(2-ethylhexyl)phtha...	21.239	149	5445692	146.655	ng/u1#	94
87) Chrysene	21.357	228	165498	2.331	ng/u1#	40

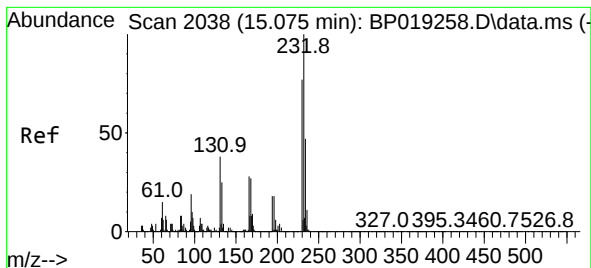
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 03:48:11 2023
Response via : Initial Calibration





#58

2,3,4,6-Tetrachlorophenol

Concen: 73.513 ng/ul m

RT: 15.081 min Scan# 2038

Delta R.T. 0.006 min

Lab File: BP019273.D

Acq: 04 Jan 2024 20:30

Instrument :

BNA_P

ClientSampleId :

GCF85

Tgt Ion:232 Resp: 764813

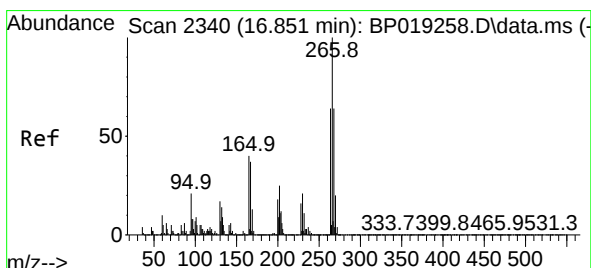
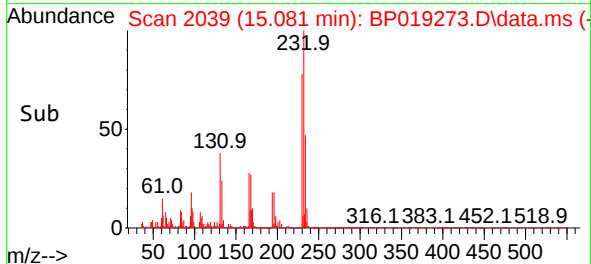
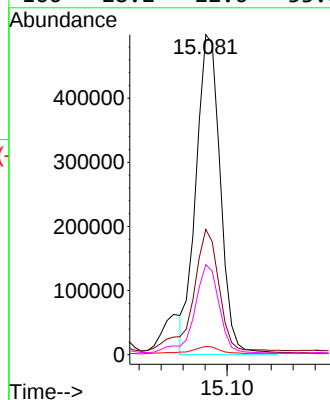
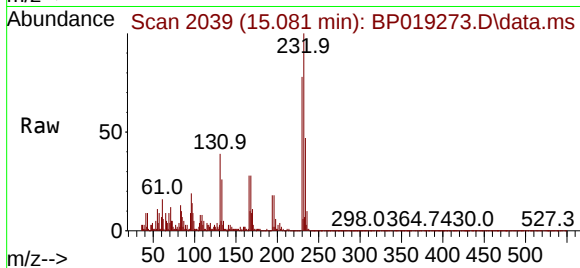
Ion Ratio Lower Upper

232 100

131 39.1 29.3 43.9

130 2.6 1.4 2.2#

166 28.2 22.6 33.8



#71

Pentachlorophenol

Concen: 2043.811 ng/ul m

RT: 16.910 min Scan# 2350

Delta R.T. 0.059 min

Lab File: BP019273.D

Acq: 04 Jan 2024 20:30

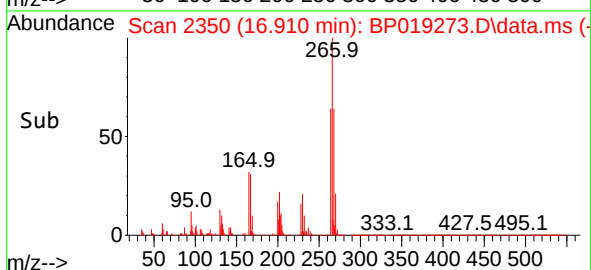
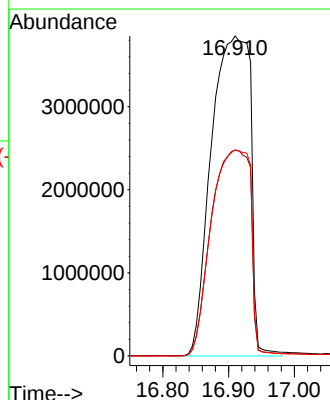
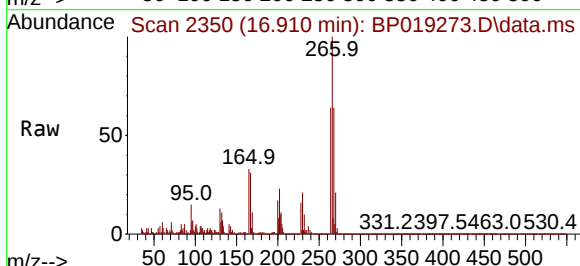
Tgt Ion:266 Resp:15935964

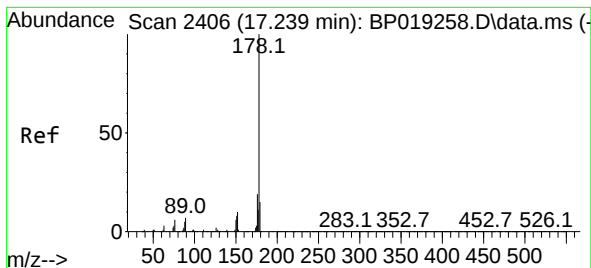
Ion Ratio Lower Upper

266 100

264 64.4 50.0 75.0

268 64.3 52.8 79.2





#72

Phenanthrene

Concen: 12.457 ng/ul

RT: 17.269 min Scan# 2406

Delta R.T. 0.023 min

Lab File: BP019273.D

Acq: 04 Jan 2024 20:30

Instrument :

BNA_P

ClientSampleId :

GCF85

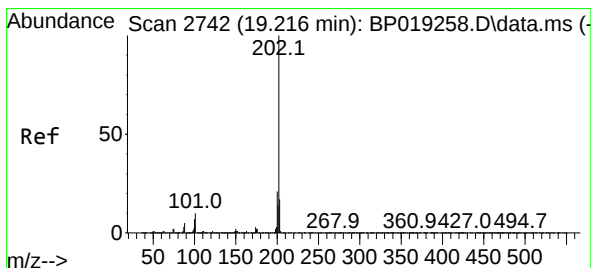
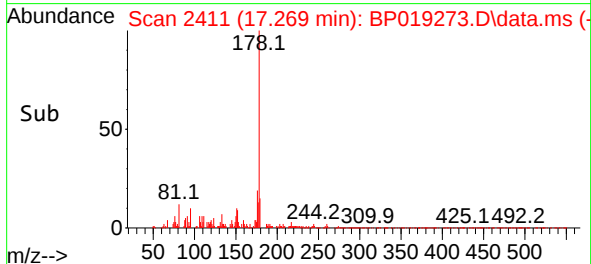
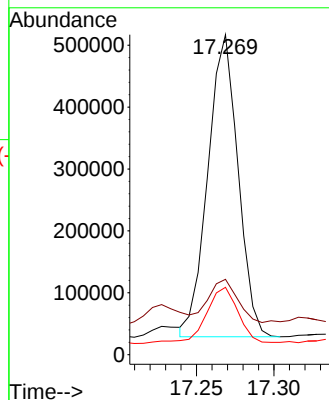
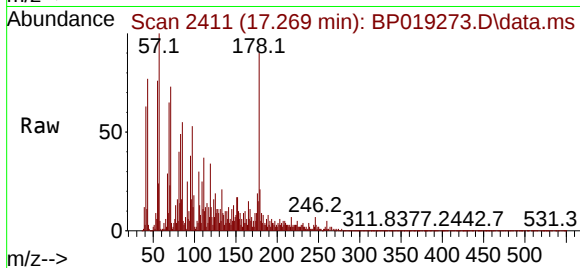
Tgt Ion:178 Resp: 660042

Ion Ratio Lower Upper

178 100

179 23.6 11.9 17.9#

176 21.1 15.0 22.6



#80

Fluoranthene

Concen: 2.870 ng/ul

RT: 19.257 min Scan# 2749

Delta R.T. 0.035 min

Lab File: BP019273.D

Acq: 04 Jan 2024 20:30

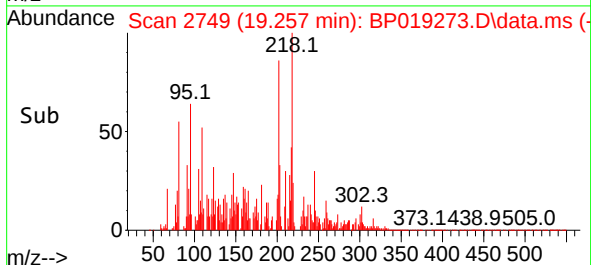
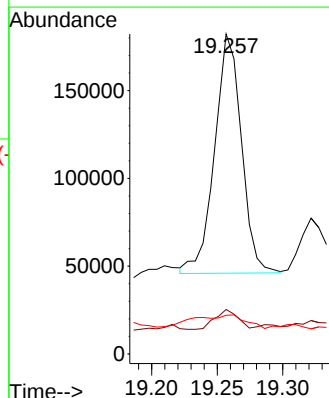
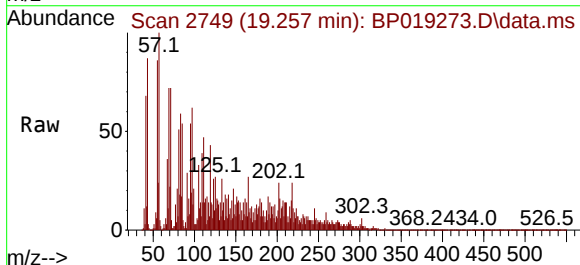
Tgt Ion:202 Resp: 193361

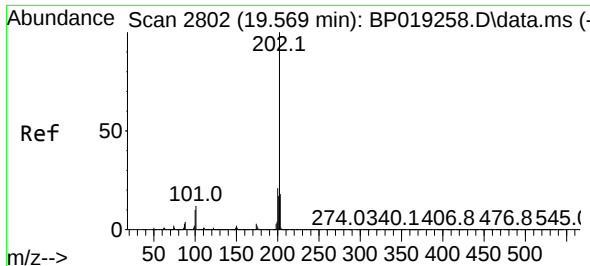
Ion Ratio Lower Upper

202 100

101 13.9 7.8 11.6#

100 12.1 6.0 9.0#

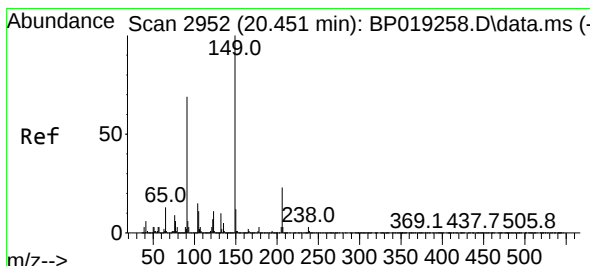
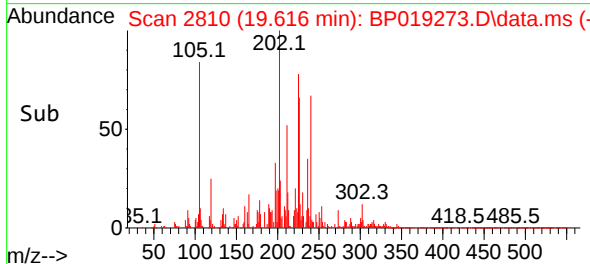
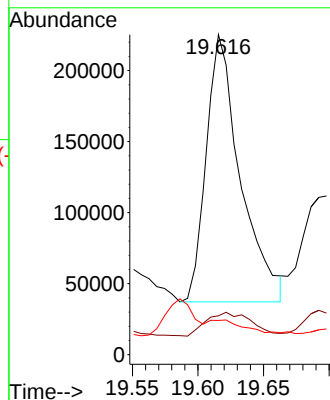
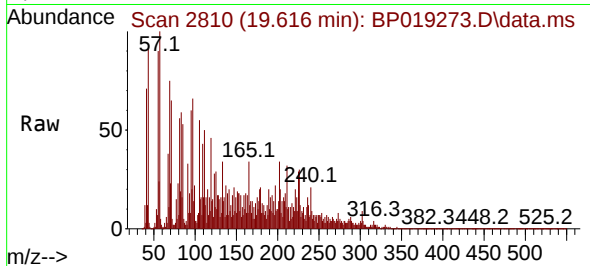




#82
Pyrene
Concen: 4.821 ng/ul
RT: 19.616 min Scan# 2810
Delta R.T. 0.041 min
Lab File: BP019273.D
Acq: 04 Jan 2024 20:30

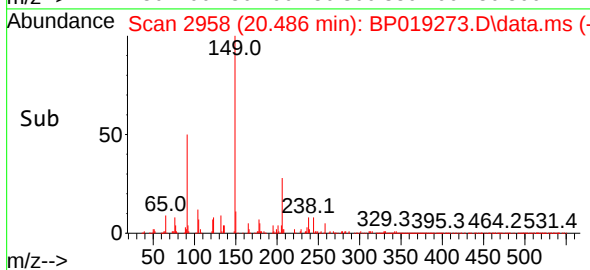
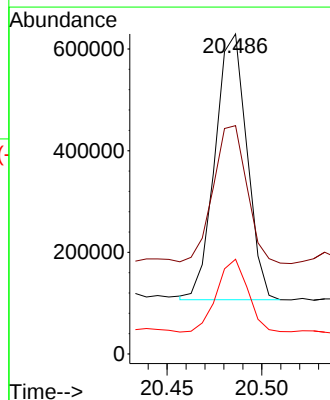
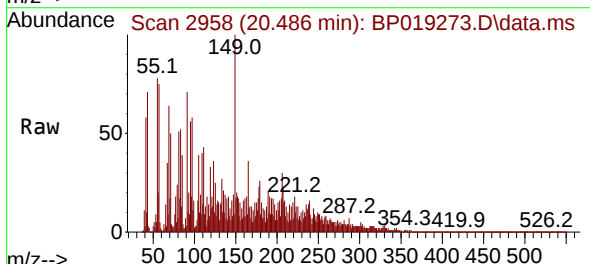
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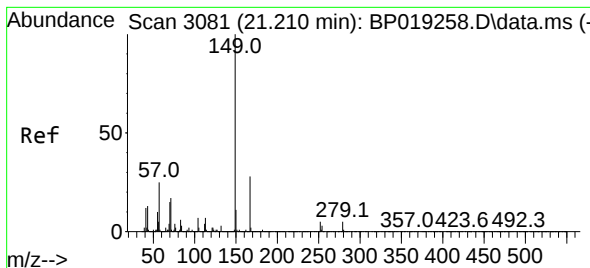
Tgt Ion:202 Resp: 340351
Ion Ratio Lower Upper
202 100
101 12.1 9.2 13.8
100 10.7 7.8 11.6



#83
Butylbenzylphthalate
Concen: 24.286 ng/ul
RT: 20.486 min Scan# 2958
Delta R.T. 0.029 min
Lab File: BP019273.D
Acq: 04 Jan 2024 20:30

Tgt Ion:149 Resp: 612416
Ion Ratio Lower Upper
149 100
91 71.4 55.6 83.4
206 29.6 17.9 26.9#

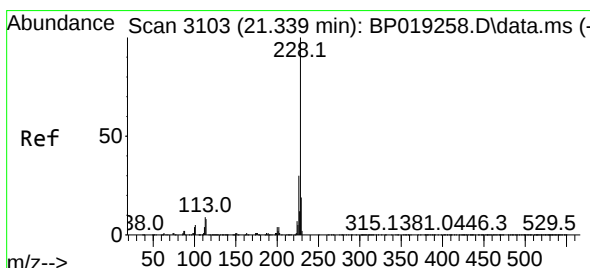
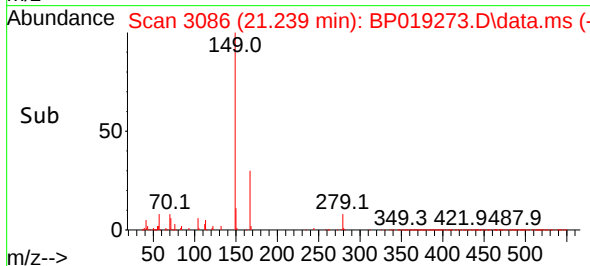
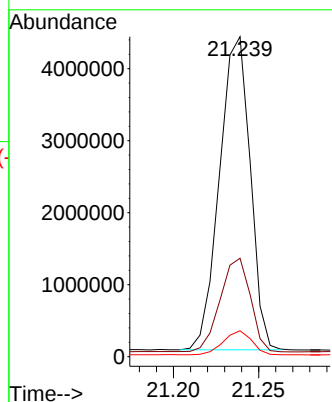
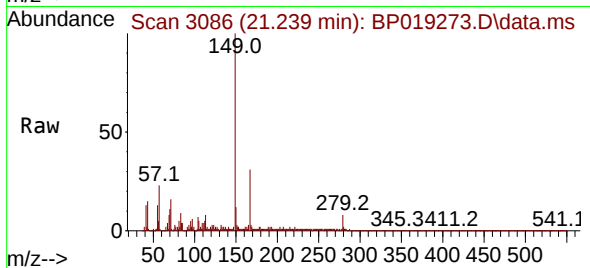




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 146.655 ng/ul
 RT: 21.239 min Scan# 3086
 Delta R.T. 0.017 min
 Lab File: BP019273.D
 Acq: 04 Jan 2024 20:30

Instrument :
 BNA_P
 ClientSampleId :
 GCF85

Tgt Ion:149 Resp: 5445692
 Ion Ratio Lower Upper
 149 100
 167 30.7 22.5 33.7
 279 8.1 4.0 6.0#



#87
 Chrysene
 Concen: 2.331 ng/ul
 RT: 21.357 min Scan# 3106
 Delta R.T. 0.012 min
 Lab File: BP019273.D
 Acq: 04 Jan 2024 20:30

Tgt Ion:228 Resp: 165498
 Ion Ratio Lower Upper
 228 100
 226 49.0 23.4 35.2#
 229 63.3 15.6 23.4#

