

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043731.D
 Acq On : 03 Jan 2024 13:55
 Operator : MA/JU
 Sample : 05952-07DL2 30X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF90DL2

Quant Time: Jan 04 00:30:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 22:31:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/05/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	255348	20.000	ng/u1	0.00
20) Naphthalene-d8	10.775	136	1017641	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.604	164	658004	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.362	188	1367468	20.000	ng/u1	0.02
79) Chrysene-d12	21.545	240	1228019	20.000	ng/u1	0.02
88) Perylene-d12	23.974	264	1411206	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	1171	0.149	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.157	99	19324	0.665	ng/u1	0.04
9) Bis-(2-Chloroethyl)eth...	7.310	67	13743	0.747	ng/u1	0.01
11) 2-Chlorophenol-d4	7.498	132	16676	0.752	ng/u1	0.01
15) 4-Methylphenol-d8	8.704	113	12563	0.557	ng/u1	0.04
21) Nitrobenzene-d5	9.145	128	7955	0.808	ng/u1	0.02
24) 2-Nitrophenol-d4	9.863	143	7682	0.755	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.422	165	14236m	0.793	ng/u1	0.04
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.027	166	48180	0.813	ng/u1	0.01
49) Acenaphthylene-d8	14.304	160	62805	0.894	ng/u1	0.02
54) 4-Nitrophenol-d4	14.868	143	9345m	0.834	ng/u1	0.08
60) Fluorene-d10	15.598	176	45918	0.937	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.739	200	3422	0.378	ng/u1	0.03
73) Anthracene-d10	17.457	188	74137	0.967	ng/u1	0.02
81) Pyrene-d10	19.745	212	82444	0.850	ng/u1	0.02
92) Benzo(a)pyrene-d12	23.809	264	75006	0.861	ng/u1	0.04
Target Compounds						
58) 2,3,4,6-Tetrachlorophenol	15.239	232	124246	10.717	ng/u1#	94
71) Pentachlorophenol	17.021	266	8633451	769.414	ng/u1	97
72) Phenanthrene	17.404	178	624609	6.739	ng/u1	98
82) Pyrene	19.780	202	200592	1.625	ng/u1	96
83) Butylbenzylphthalate	20.680	149	60066	1.126	ng/u1#	82
86) Bis(2-ethylhexyl)phtha...	21.450	149	185118	2.437	ng/u1#	88

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

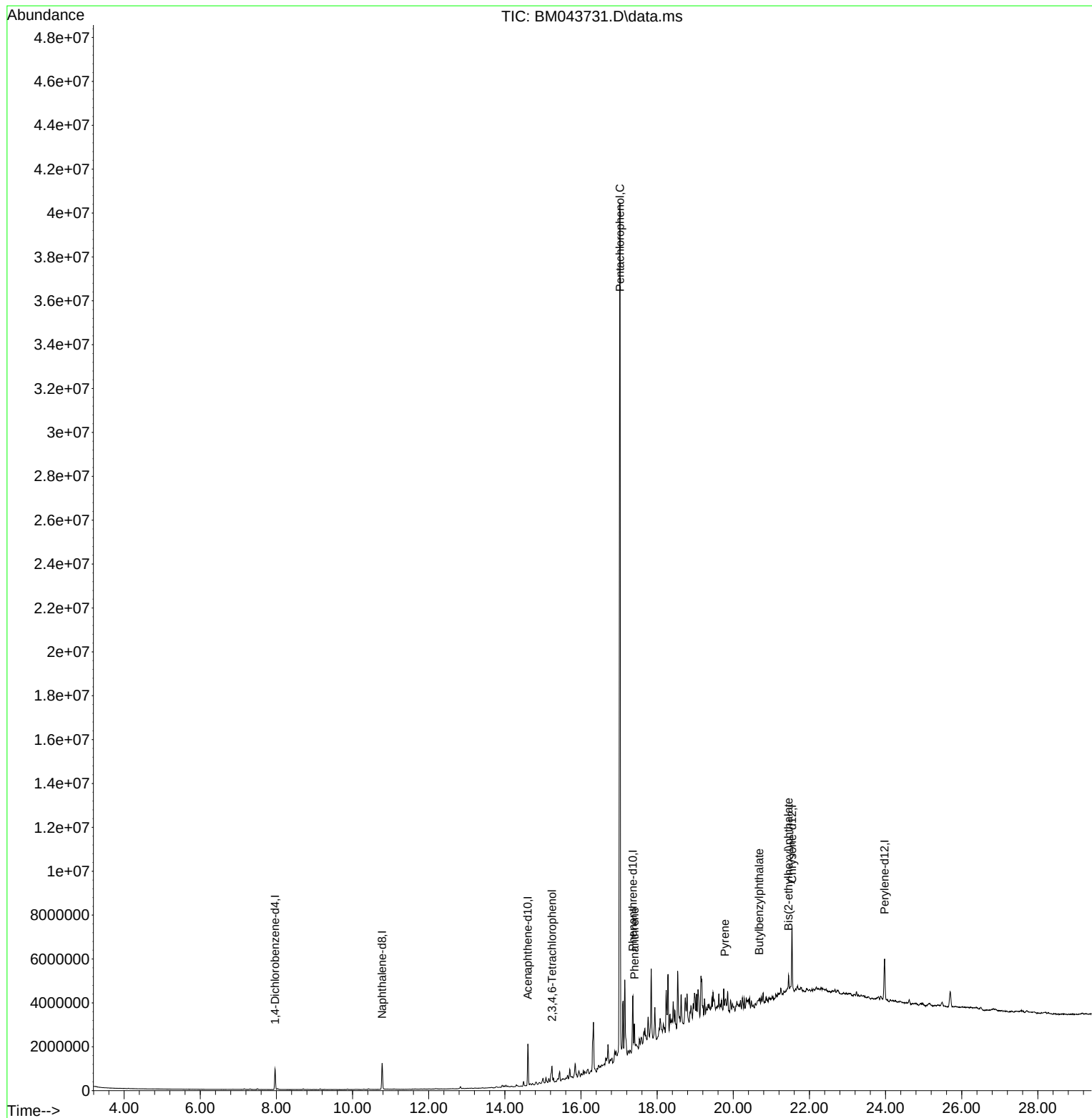
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043731.D
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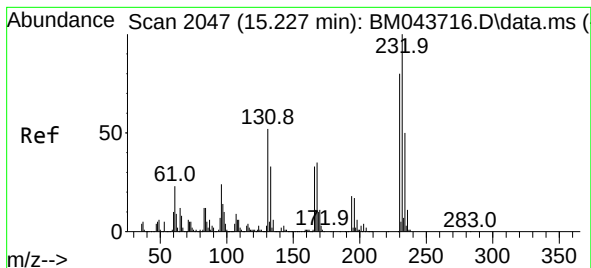
Instrument :
BNA_M
ClientSampleId :
GCF90DL2

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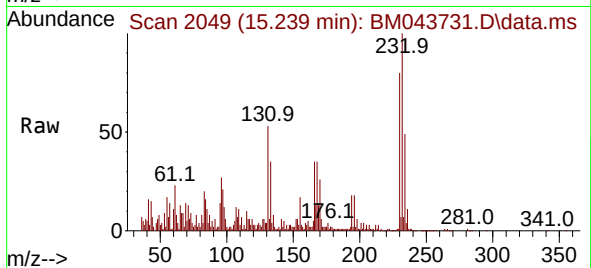
Quant Time: Jan 04 00:30:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration





#58
2,3,4,6-Tetrachlorophenol
Concen: 10.717 ng/ul
RT: 15.239 min Scan# 2049
Delta R.T. 0.023 min
Lab File: BM043731.D
Acq: 03 Jan 2024 13:55

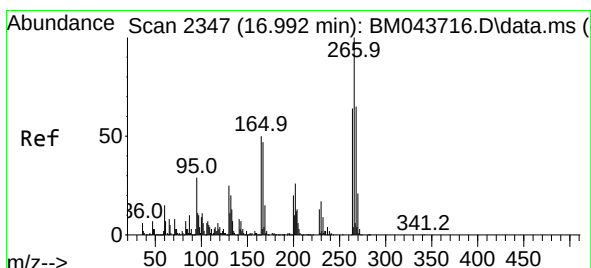
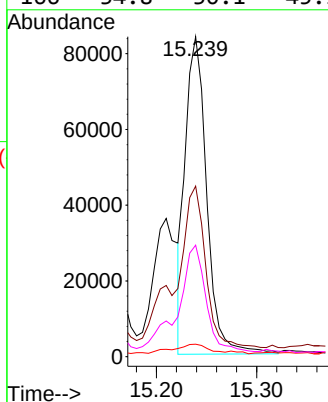
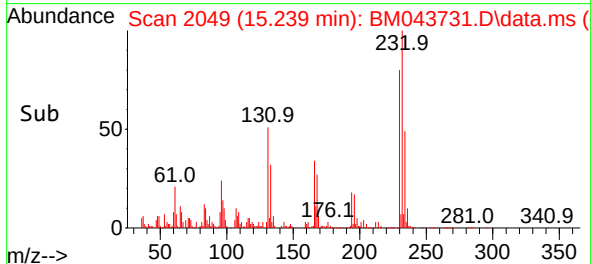
Instrument :
BNA_M
ClientSampleId :
GCF90DL2



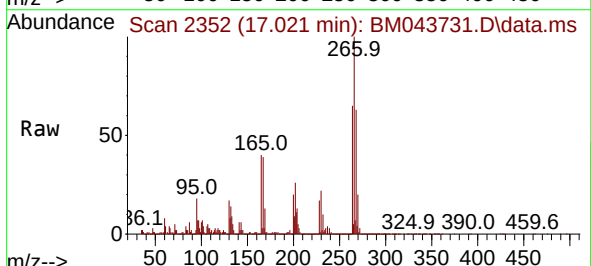
Tgt Ion:232 Resp: 124240
Ion Ratio Lower Upper
232 100
131 53.3 47.4 71.0
130 3.9 2.4 3.6
166 34.8 30.1 45.1

Manual Integrations
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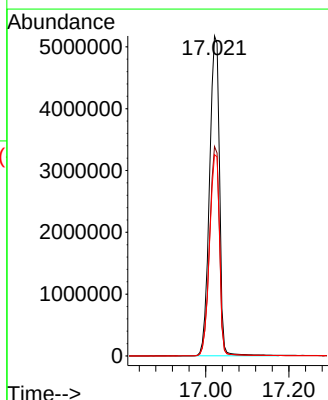
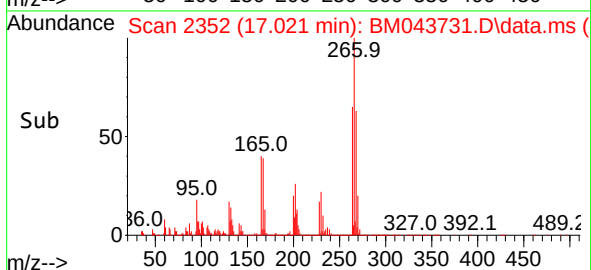
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024

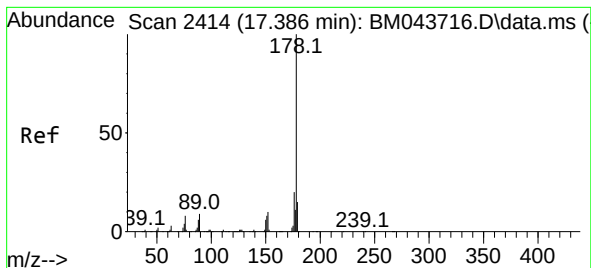


#71
Pentachlorophenol
Concen: 769.414 ng/ul
RT: 17.021 min Scan# 2352
Delta R.T. 0.041 min
Lab File: BM043731.D
Acq: 03 Jan 2024 13:55



Tgt Ion:266 Resp: 8633451
Ion Ratio Lower Upper
266 100
264 65.4 49.9 74.9
268 62.9 51.0 76.6





#72

Phenanthrene

Concen: 6.739 ng/ul

RT: 17.404 min Scan# 2414

Delta R.T. 0.023 min

Lab File: BM043731.D

Acq: 03 Jan 2024 13:55

Instrument :

BNA_M

ClientSampleId :

GCF90DL2

Tgt Ion:178 Resp: 624609

Ion Ratio Lower Upper

178 100

179 16.8 12.2 18.4

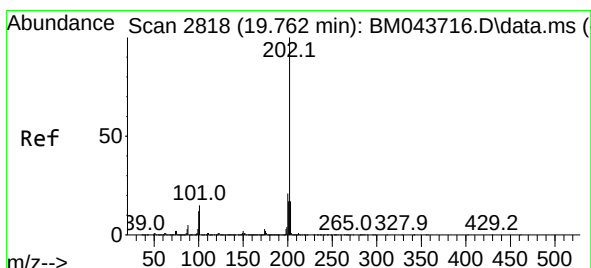
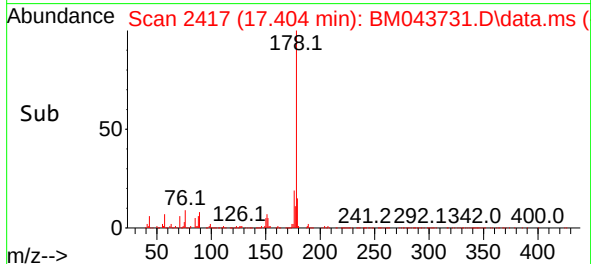
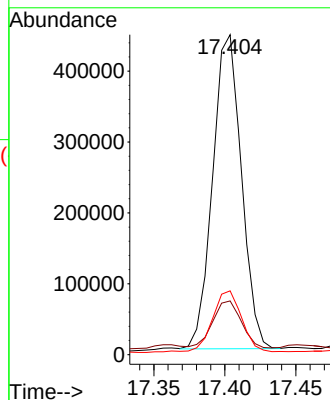
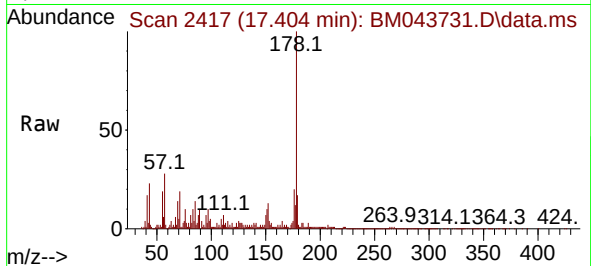
176 19.9 15.5 23.3

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#82

Pyrene

Concen: 1.625 ng/ul

RT: 19.780 min Scan# 2821

Delta R.T. 0.023 min

Lab File: BM043731.D

Acq: 03 Jan 2024 13:55

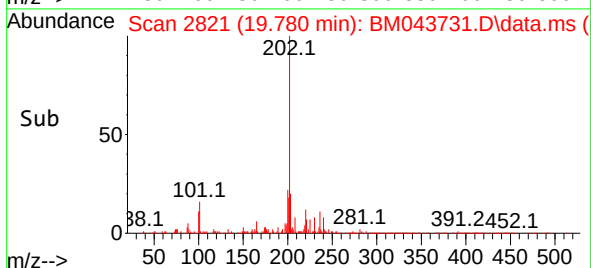
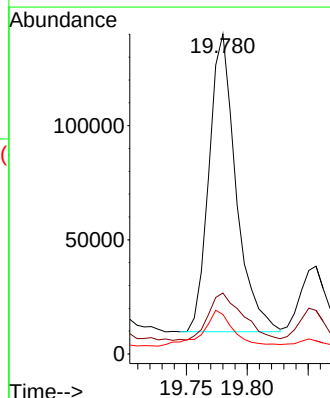
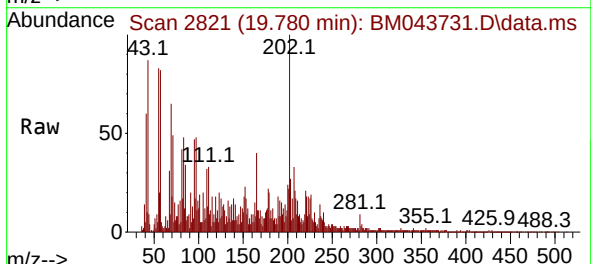
Tgt Ion:202 Resp: 200592

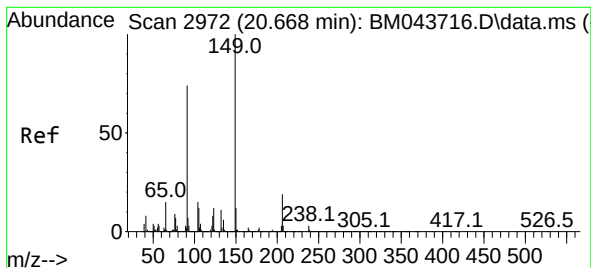
Ion Ratio Lower Upper

202 100

101 19.0 12.7 19.1

100 12.3 10.1 15.1





#83

Butylbenzylphthalate

Concen: 1.126 ng/ul

RT: 20.680 min Scan# 2972

Delta R.T. 0.012 min

Lab File: BM043731.D

Acq: 03 Jan 2024 13:55

Instrument :

BNA_M

ClientSampleId :

GCF90DL2

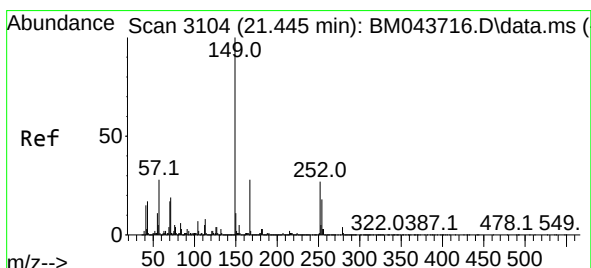
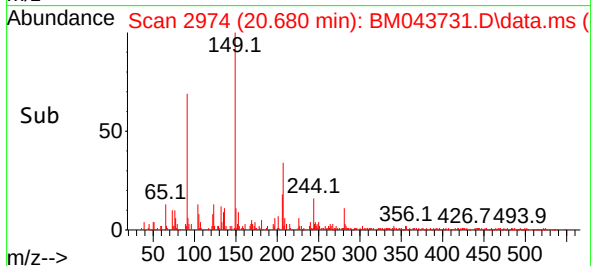
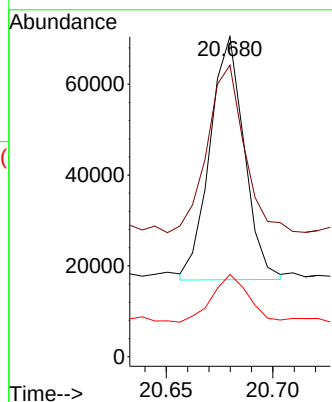
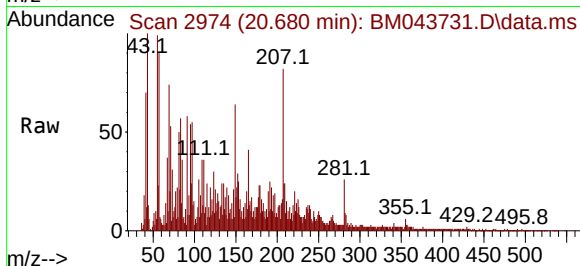
Tgt Ion:	149	Resp:	60060
Ion Ratio	Lower	Upper	
149	100		
91	91.1	60.5	90.7
206	25.7	13.9	20.9

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#86

Bis(2-ethylhexyl)phthalate

Concen: 2.437 ng/ul

RT: 21.450 min Scan# 3105

Delta R.T. 0.006 min

Lab File: BM043731.D

Acq: 03 Jan 2024 13:55

Tgt Ion:	149	Resp:	185118
Ion Ratio	Lower	Upper	
149	100		
167	33.3	21.6	32.4
279	5.8	2.8	4.2

