

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092724\
 Data File : BP022088.D
 Acq On : 28 Sep 2024 02:26
 Operator : RC/JU
 Sample : P3910-13 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DDC33

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/01/2024
 Supervised By :mohammad ahmed 10/01/2024

Quant Time: Sep 28 03:35:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.698	152	103437	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.457	136	393708	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.310	164	313672	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.110	188	754328	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	833315	20.000	ng/u1	-0.01
88) Perylene-d12	24.809	264	1018567	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	1016	0.385	ng/uL	0.00
4) Pyridine-d5	3.646	84	12110	1.604	ng/u1	0.01
7) Phenol-d5	6.887	99	18407	2.175	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	13311	2.555	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	13924	2.274	ng/u1	0.00
15) 4-Methylphenol-d8	8.398	113	13041	1.945	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	7015	2.381	ng/u1	0.00
24) 2-Nitrophenol-d4	9.551	143	7591	2.272	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.087	165	15872	2.187	ng/u1	0.00
31) 4-Chloroaniline-d4	10.575	131	18688	2.159	ng/u1	-0.03
46) Dimethylphthalate-d6	13.710	166	58819	2.426	ng/u1	-0.01
49) Acenaphthylene-d8	13.992	160	64612	2.517	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.539	143	8901m	2.146	ng/u1	0.01
60) Fluorene-d10	15.322	176	55025	2.565	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.433	200	7250	1.548	ng/u1	-0.01
73) Anthracene-d10	17.210	188	89870	2.552	ng/u1	0.00
81) Pyrene-d10	19.586	212	112600	2.608	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.580	264	129103	2.410	ng/u1	-0.03
Target Compounds						
					Qvalue	
23) Isophorone	9.398	82	43149	2.765	ng/u1#	73
30) Naphthalene	10.504	128	89646	4.327	ng/u1#	93
36) 2-Methylnaphthalene	12.116	142	146430	9.511	ng/u1	99
37) 1-Methylnaphthalene	12.334	142	85161	5.485	ng/u1#	96
58) 2,3,4,6-Tetrachlorophenol	14.951	232	506718	69.922	ng/u1	99
71) Pentachlorophenol	16.774	266	6483588	883.486	ng/u1	98
72) Phenanthrene	17.151	178	58411	1.477	ng/u1	96

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

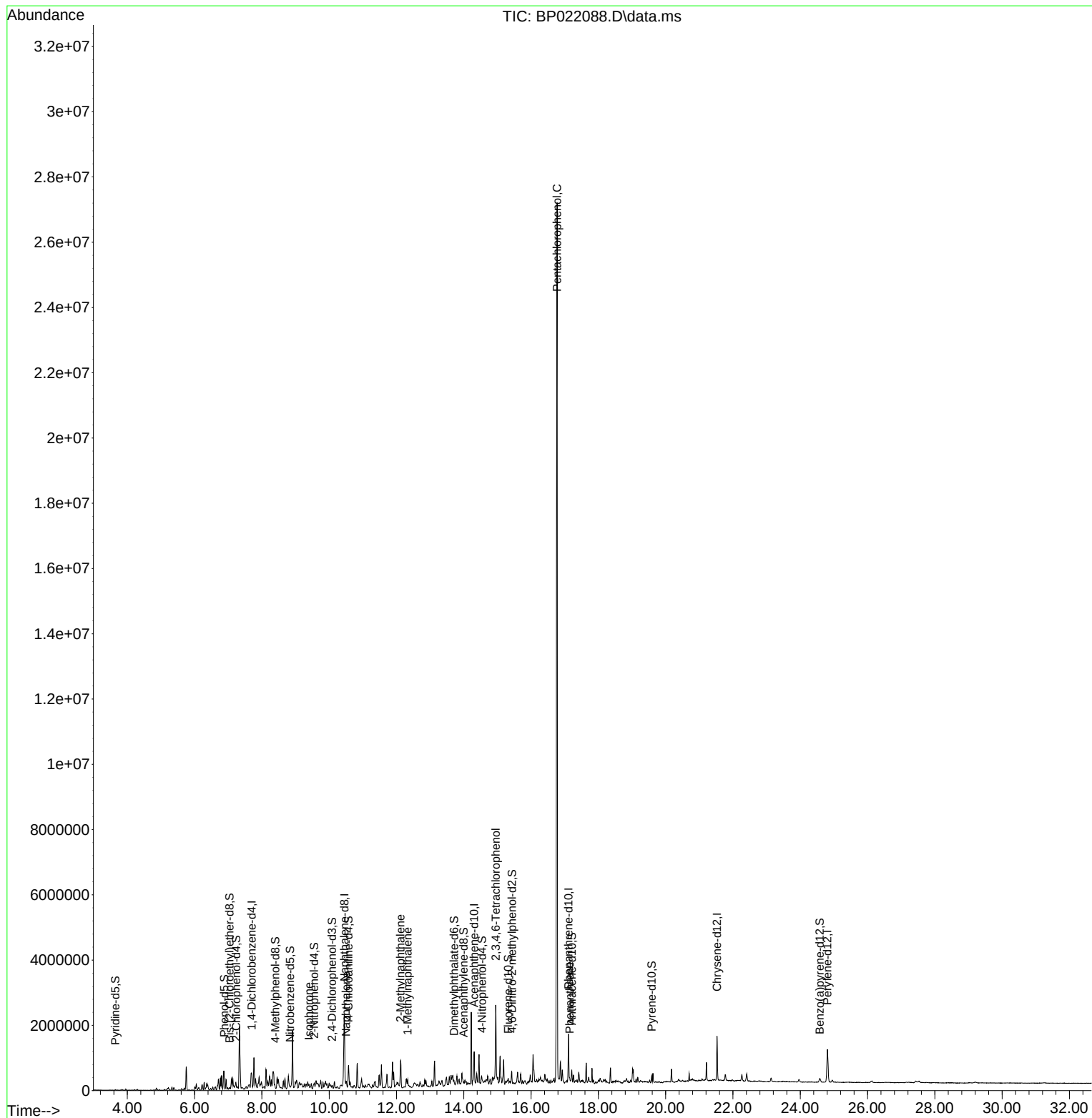
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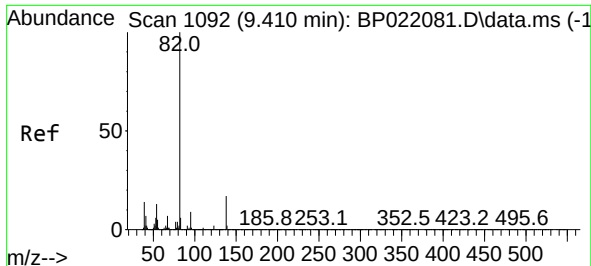
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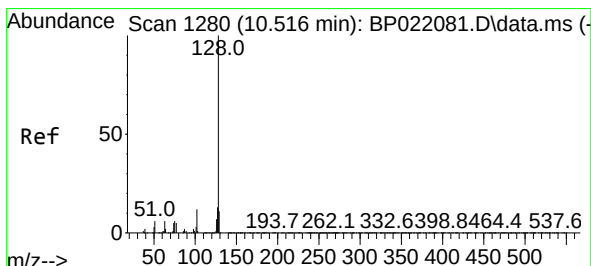
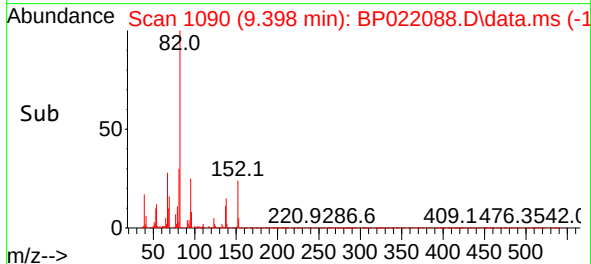
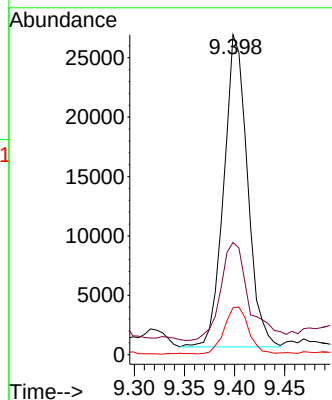
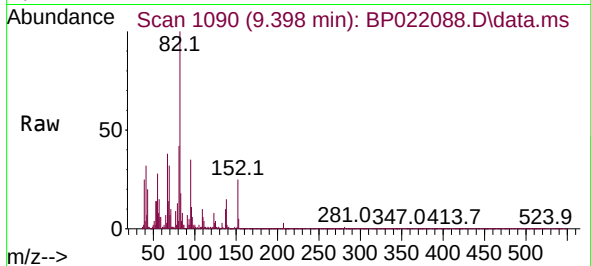
#23
Isophorone
Concen: 2.765 ng/u1
RT: 9.398 min Scan# 1092
Delta R.T. -0.012 min
Lab File: BP022088.D
Acq: 28 Sep 2024 02:26

Instrument :
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Tgt Ion: 82 Resp: 43149
Ion Ratio Lower Upper
82 100
95 35.1 7.0 10.4
138 14.7 11.9 17.9

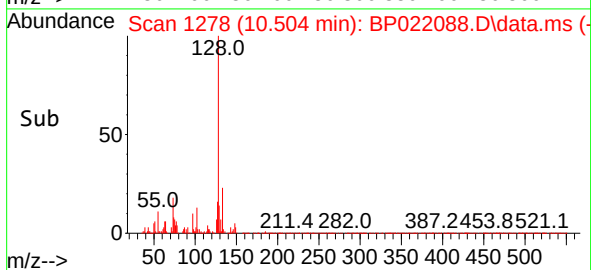
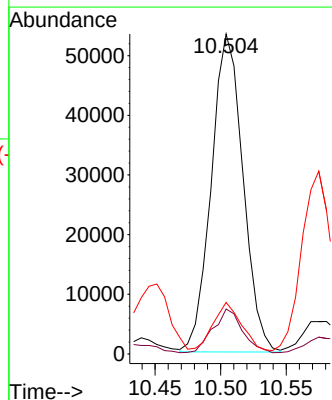
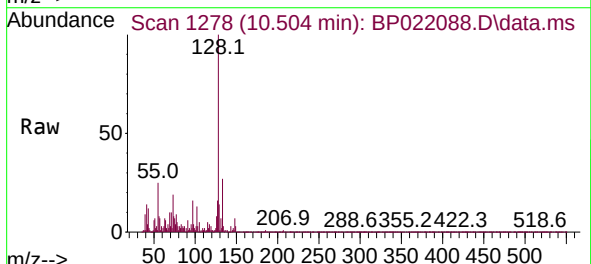
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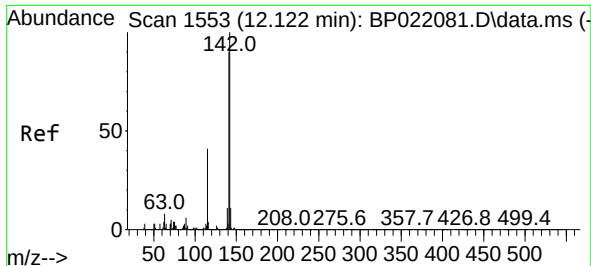
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#30
Naphthalene
Concen: 4.327 ng/u1
RT: 10.504 min Scan# 1278
Delta R.T. -0.018 min
Lab File: BP022088.D
Acq: 28 Sep 2024 02:26

Tgt Ion:128 Resp: 89646
Ion Ratio Lower Upper
128 100
129 14.0 8.9 13.3
127 16.1 10.9 16.3





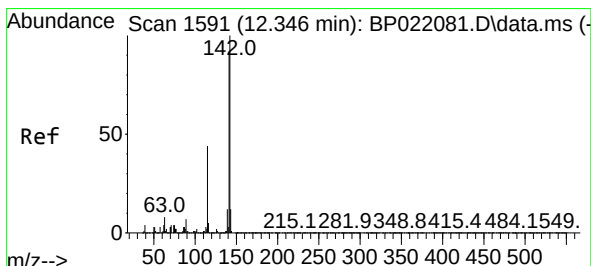
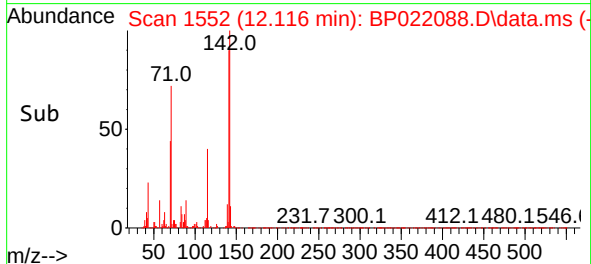
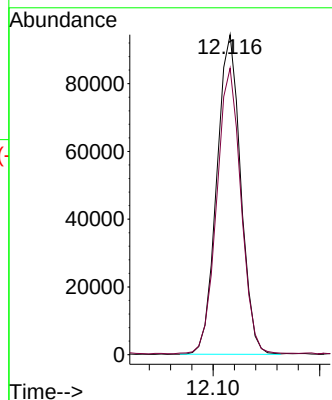
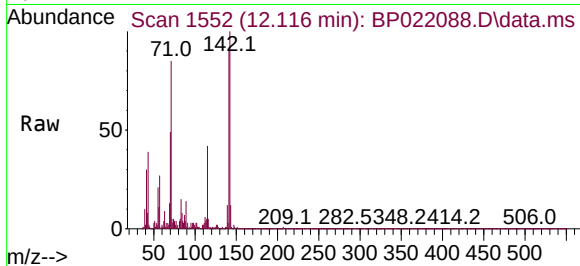
#36
2-Methylnaphthalene
Concen: 9.511 ng/ul
RT: 12.116 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BP022088.D
Acq: 28 Sep 2024 02:26

Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 146430
Ion Ratio Lower Upper
142 100
141 89.6 72.6 109.0

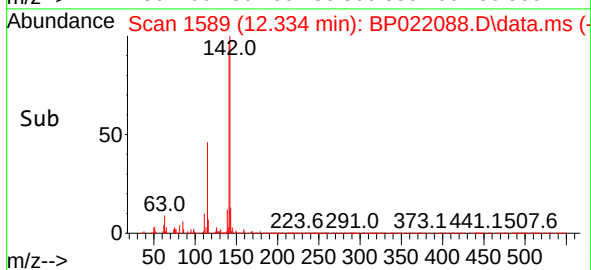
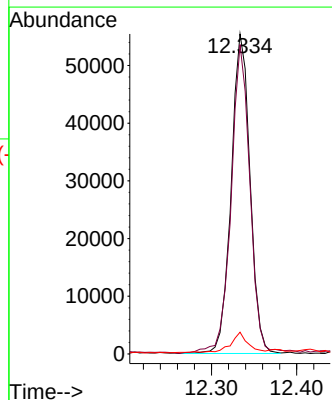
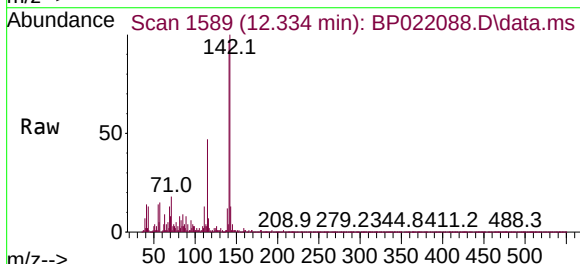
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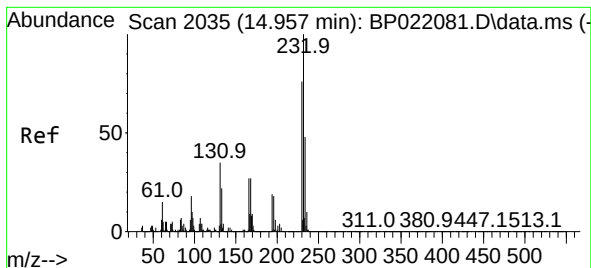
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#37
1-Methylnaphthalene
Concen: 5.485 ng/ul
RT: 12.334 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BP022088.D
Acq: 28 Sep 2024 02:26

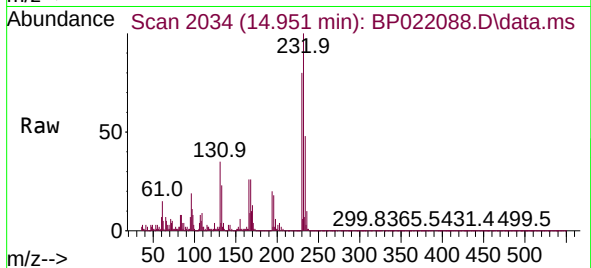
Tgt Ion:142 Resp: 85161
Ion Ratio Lower Upper
142 100
141 96.7 74.6 111.8
116 6.8 3.9 5.9#





#58
2,3,4,6-Tetrachlorophenol
Concen: 69.922 ng/ul
RT: 14.951 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BP022088.D
Acq: 28 Sep 2024 02:26

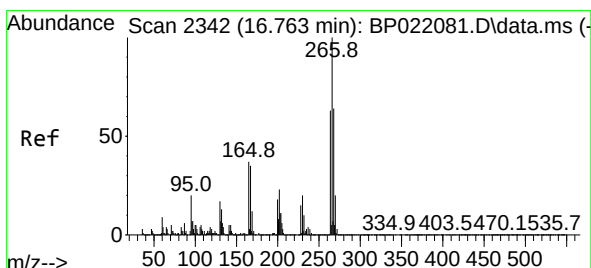
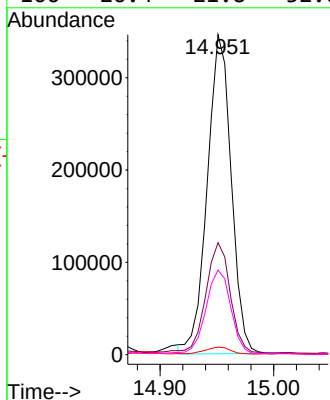
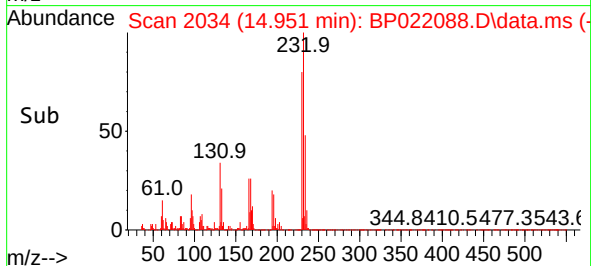
Instrument :
BNA_P
ClientSampleId :
DDC33



Tgt Ion:232 Resp: 506718
Ion Ratio Lower Upper
232 100
131 35.0 28.2 42.2
130 2.3 1.8 2.6
166 26.4 21.8 32.6

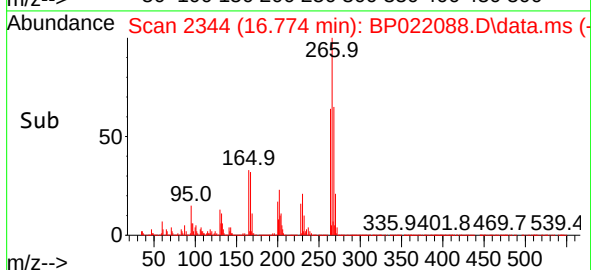
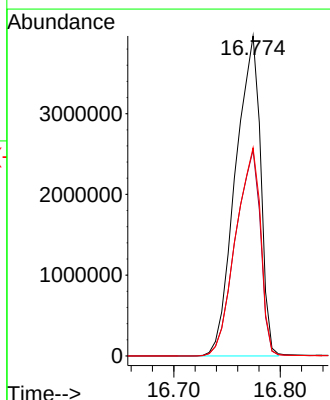
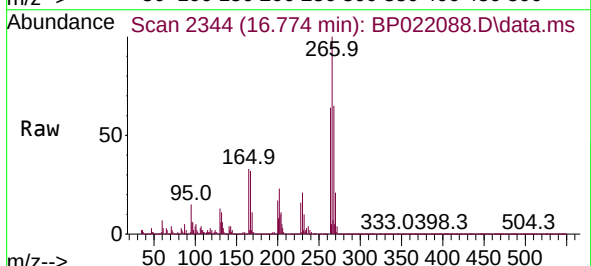
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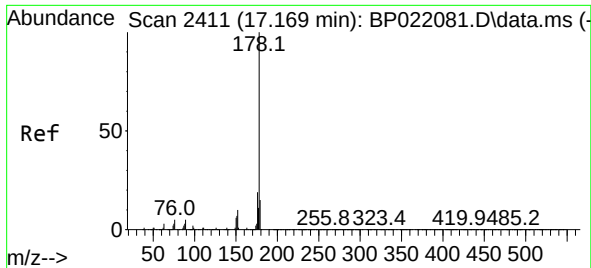
Reviewed By :Yogesh Patel 10/01/2024
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#71
Pentachlorophenol
Concen: 883.486 ng/ul
RT: 16.774 min Scan# 2344
Delta R.T. 0.017 min
Lab File: BP022088.D
Acq: 28 Sep 2024 02:26

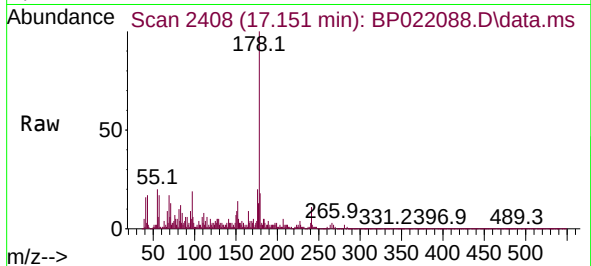
Tgt Ion:266 Resp: 6483588
Ion Ratio Lower Upper
266 100
264 64.4 50.2 75.4
268 65.1 51.4 77.0





#72
 Phenanthrene
 Concen: 1.477 ng/ul
 RT: 17.151 min Scan# 2408
 Delta R.T. -0.006 min
 Lab File: BP022088.D
 Acq: 28 Sep 2024 02:26

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:	178	Resp:	5841
Ion Ratio	Lower	Upper	
178	100		
179	18.0	12.4	18.6
176	20.0	15.0	22.6

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