

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021025\
 Data File : BP024027.D
 Acq On : 11 Feb 2025 01:17
 Operator : RC/JU
 Sample : Q1274-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCZT2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/12/2025
 Supervised By :Sohil Jodhani 02/18/2025

Quant Time: Feb 12 17:27:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 11:19:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	480456	20.000	ng/u1	0.00
20) Naphthalene-d8	10.534	136	1472615	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.386	164	1302851	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.174	188	2461235	20.000	ng/u1	-0.01
79) Chrysene-d12	21.604	240	2390788	20.000	ng/u1	-0.04
88) Perylene-d12	24.956	264	2602628	20.000	ng/u1	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	46066	3.984	ng/uL	0.00
4) Pyridine-d5	3.704	84	649146	19.454	ng/u1	0.00
7) Phenol-d5	6.969	99	439388	10.334	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.104	67	527772	23.450	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	52337	1.567	ng/u1	0.00
15) 4-Methylphenol-d8	8.492	113	482950	13.905	ng/u1	0.02
21) Nitrobenzene-d5	8.910	128	392099	33.280	ng/u1	0.00
24) 2-Nitrophenol-d4	9.692	143	26845m	2.112	ng/u1	0.06
28) 2,4-Dichlorophenol-d3	10.192	165	17169m	0.736	ng/u1	0.02
31) 4-Chloroaniline-d4	10.704	131	1117689	32.046	ng/u1	0.03
46) Dimethylphthalate-d6	13.786	166	2169657	22.326	ng/u1	0.00
49) Acenaphthylene-d8	14.075	160	2632156	24.015	ng/u1	0.00
54) 4-Nitrophenol-d4	14.622	143	232917	12.069	ng/u1	0.01
60) Fluorene-d10	15.392	176	1985600	24.263	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	9457	0.623	ng/u1	0.00
73) Anthracene-d10	17.274	188	3048121	25.223	ng/u1	-0.01
81) Pyrene-d10	19.633	212	3396263	26.512	ng/u1	-0.03
92) Benzo(a)pyrene-d12	24.715	264	3459569	25.477	ng/u1	-0.06
Target Compounds						
					Qvalue	
23) Isophorone	9.475	82	917520	17.773	ng/u1#	91
30) Naphthalene	10.586	128	1049372	13.313	ng/u1#	95
36) 2-Methylnaphthalene	12.198	142	2225342	40.152	ng/u1	99
37) 1-Methylnaphthalene	12.416	142	1668670	30.349	ng/u1	99
43) 1,1'-Biphenyl	13.210	154	273732	2.830	ng/u1#	79
56) Dibenzofuran	14.798	168	190206	1.659	ng/u1#	33
58) 2,3,4,6-Tetrachlorophenol	15.033	232	145099	6.149	ng/u1#	62
71) Pentachlorophenol	16.833	266	1175031	56.779	ng/u1	99
72) Phenanthrene	17.215	178	2562241	18.434	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.521	149	109281	1.127	ng/u1#	78

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

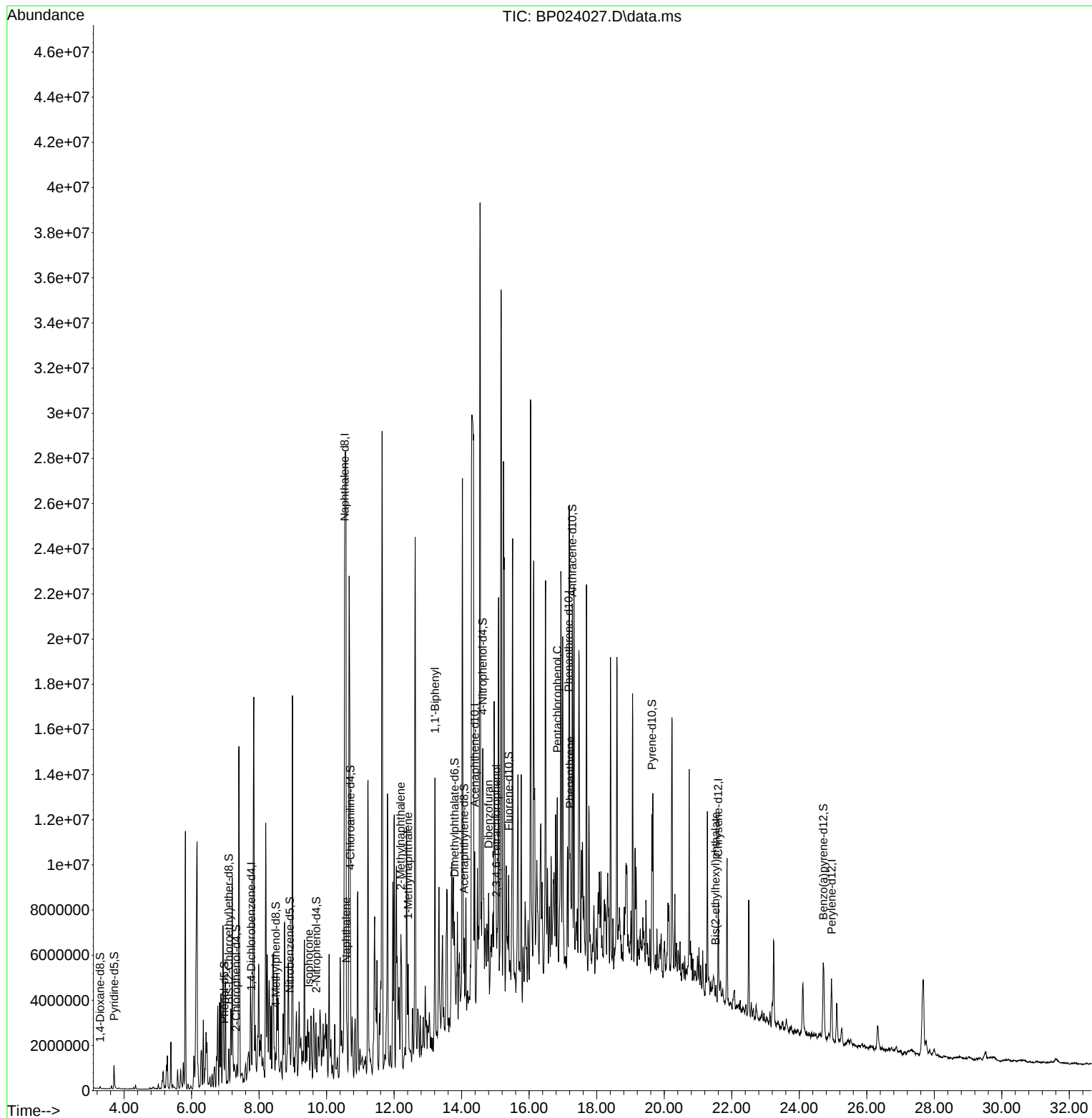
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021025\
Data File : BP024027.D
Acq On : 11 Feb 2025 01:17
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ALS Vial : 23 Sample Multiplier: 1

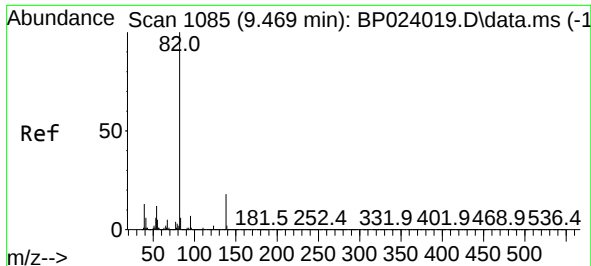
Instrument :
BNA_P
ClientSampleId :
DCZT2

Quant Time: Feb 12 17:27:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
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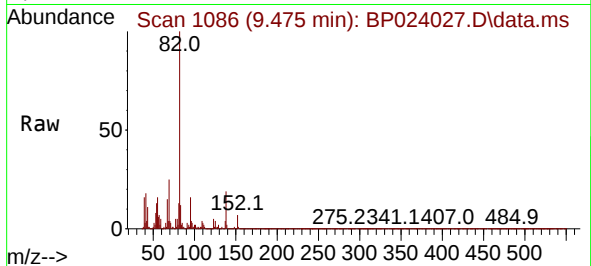
Reviewed By :Jagrut Upadhyay 02/12/2025
Supervised By :Sohil Jodhani 02/18/2025





#23
Isophorone
Concen: 17.773 ng/ul
RT: 9.475 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BP024027.D
Acq: 11 Feb 2025 01:17

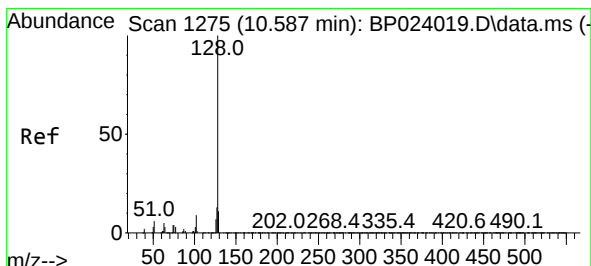
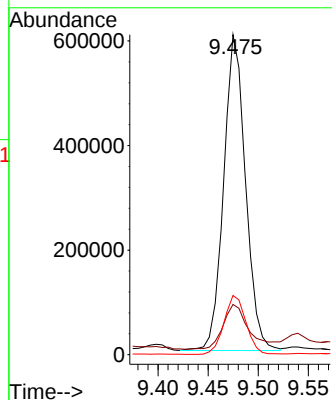
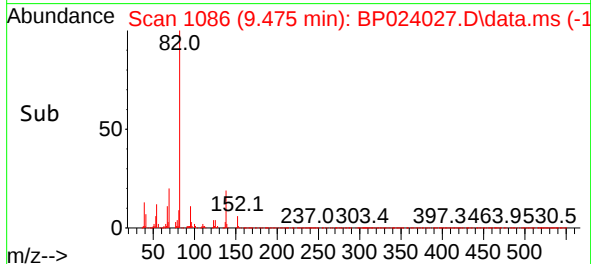
Instrument :
BNA_P
ClientSampleId :
DCZT2



Tgt Ion: 82 Resp: 917520
Ion Ratio Lower Upper
82 100
95 15.7 5.5 8.3
138 18.5 15.8 23.6

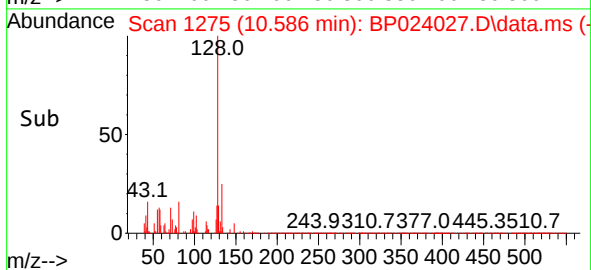
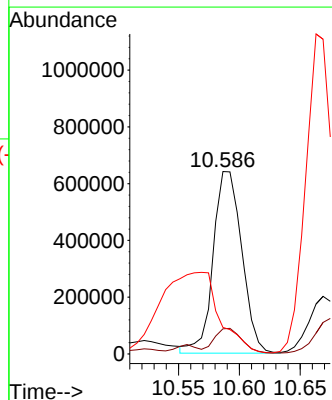
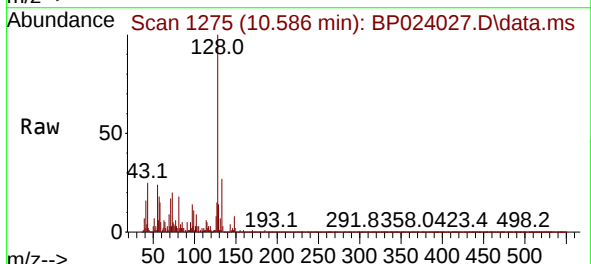
Manual Integrations
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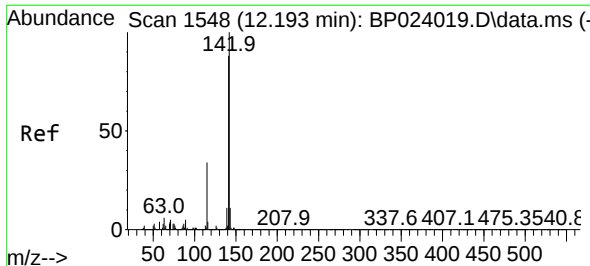
Reviewed By :Jagrut Upadhyay 02/12/2025
Supervised By :Sohil Jodhani 02/18/2025



#30
Naphthalene
Concen: 13.313 ng/ul
RT: 10.586 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BP024027.D
Acq: 11 Feb 2025 01:17

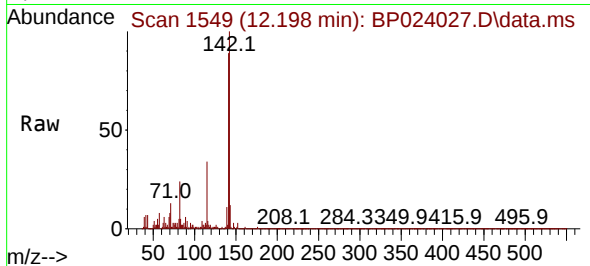
Tgt Ion:128 Resp: 1049372
Ion Ratio Lower Upper
128 100
129 13.8 8.7 13.1#
127 14.6 10.5 15.7





#36
2-Methylnaphthalene
Concen: 40.152 ng/ul
RT: 12.198 min Scan# 1548
Delta R.T. -0.006 min
Lab File: BP024027.D
Acq: 11 Feb 2025 01:17

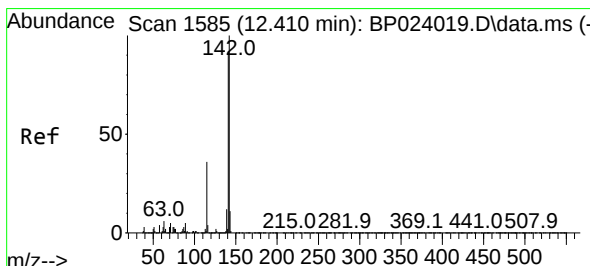
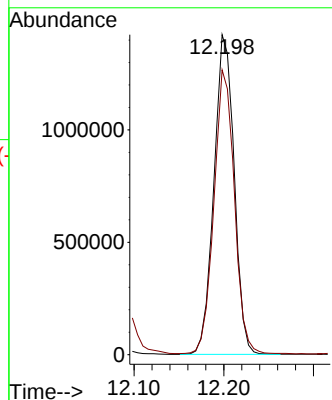
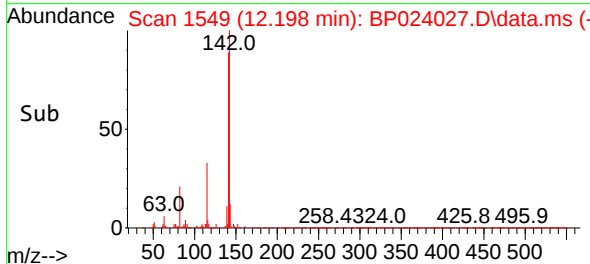
Instrument :
BNA_P
ClientSampleId :
DCZT2



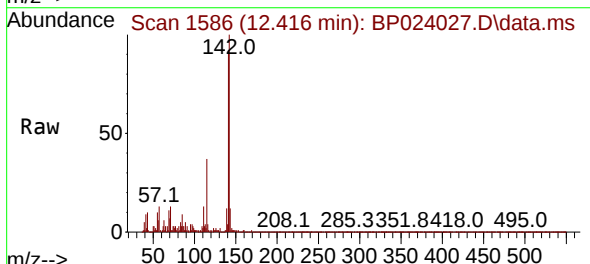
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Ion Ratio Lower Upper
142 100
141 89.0 70.8 106.2

Manual Integrations
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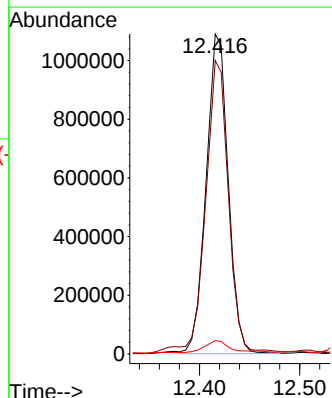
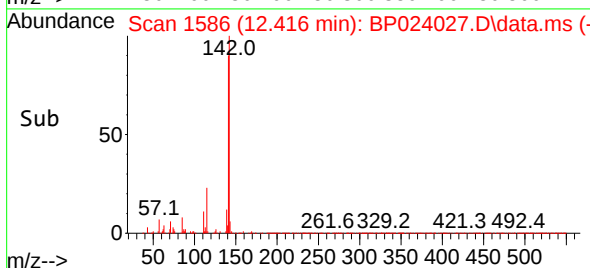
Reviewed By :Jagrut Upadhyay 02/12/2025
Supervised By :Sohil Jodhani 02/18/2025

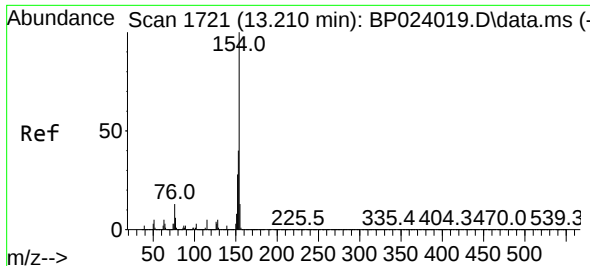


#37
1-Methylnaphthalene
Concen: 30.349 ng/ul
RT: 12.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BP024027.D
Acq: 11 Feb 2025 01:17



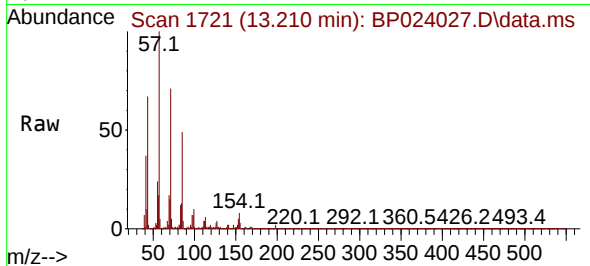
Tgt Ion:142 Resp: 1668670
Ion Ratio Lower Upper
142 100
141 91.7 72.8 109.2
116 4.2 2.9 4.3





#43
1,1'-Biphenyl
Concen: 2.830 ng/ul
RT: 13.210 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024027.D
Acq: 11 Feb 2025 01:17

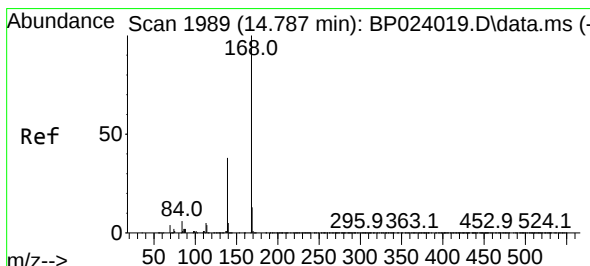
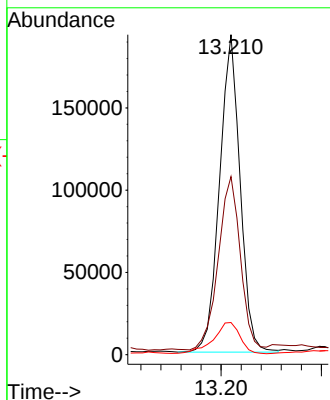
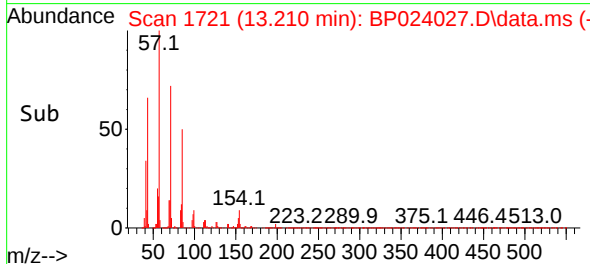
Instrument :
BNA_P
ClientSampleId :
DCZT2



Tgt Ion:154 Resp: 273732
Ion Ratio Lower Upper
154 100
153 55.7 32.0 48.0
76 10.1 10.1 15.1

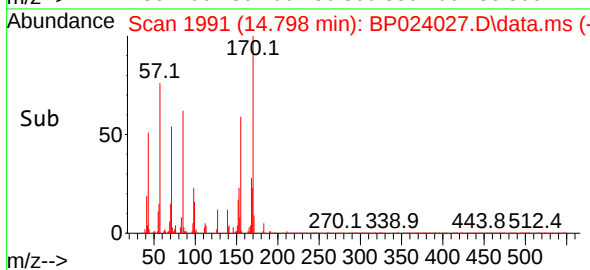
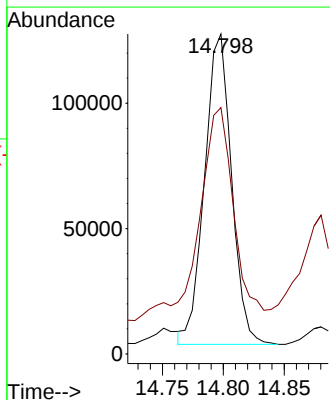
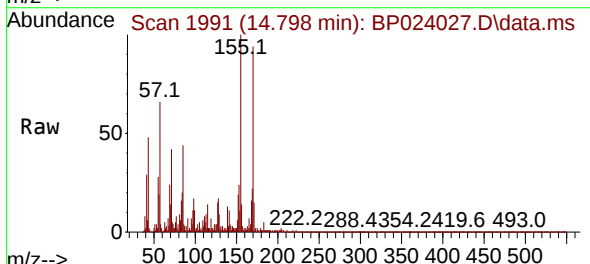
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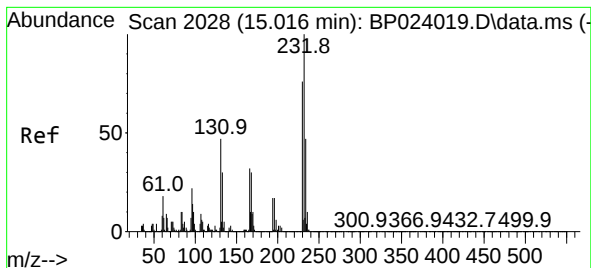
Reviewed By :Jagrut Upadhyay 02/12/2025
Supervised By :Sohil Jodhani 02/18/2025



#56
Dibenzofuran
Concen: 1.659 ng/ul
RT: 14.798 min Scan# 1991
Delta R.T. 0.005 min
Lab File: BP024027.D
Acq: 11 Feb 2025 01:17

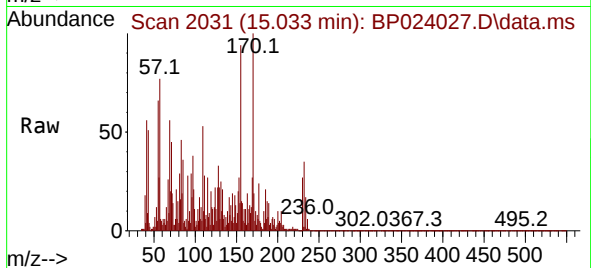
Tgt Ion:168 Resp: 190206
Ion Ratio Lower Upper
168 100
139 77.0 29.5 44.3





#58
2,3,4,6-Tetrachlorophenol
Concen: 6.149 ng/ul
RT: 15.033 min Scan# 2028
Delta R.T. 0.011 min
Lab File: BP024027.D
Acq: 11 Feb 2025 01:17

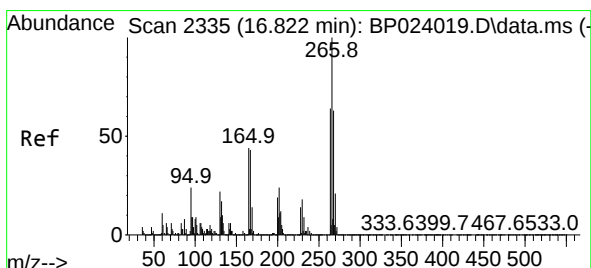
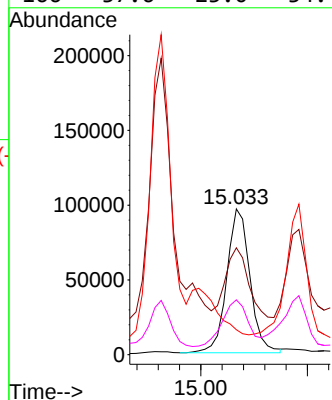
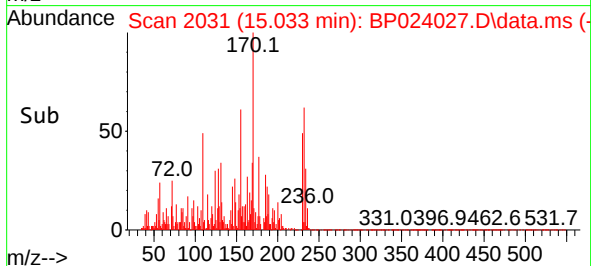
Instrument :
BNA_P
ClientSampleId :
DCZT2



Tgt Ion:232 Resp: 145099
Ion Ratio Lower Upper
232 100
131 73.3 32.4 48.6
130 17.2 1.7 2.5
166 37.6 23.0 34.4#

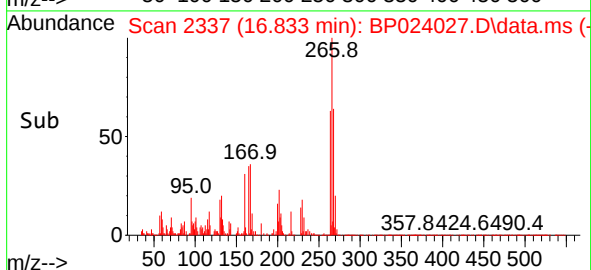
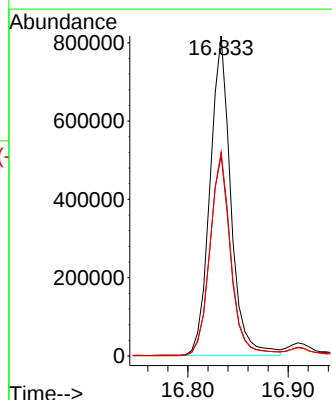
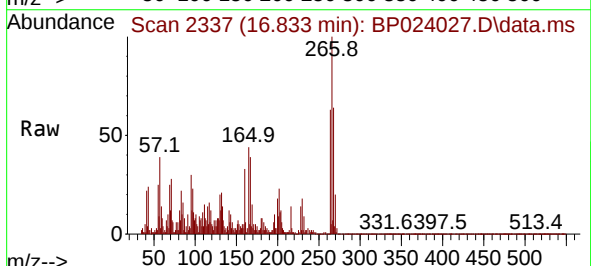
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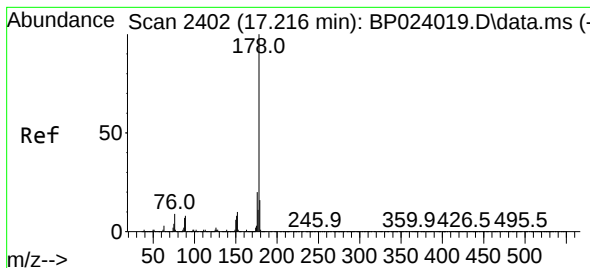
Reviewed By :Jagrut Upadhyay 02/12/2025
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#71
Pentachlorophenol
Concen: 56.779 ng/ul
RT: 16.833 min Scan# 2337
Delta R.T. 0.005 min
Lab File: BP024027.D
Acq: 11 Feb 2025 01:17

Tgt Ion:266 Resp: 1175031
Ion Ratio Lower Upper
266 100
264 62.6 50.8 76.2
268 63.8 51.1 76.7





#72

Phenanthrene

Concen: 18.434 ng/ul

RT: 17.215 min Scan# 2402

Delta R.T. -0.012 min

Lab File: BP024027.D

Acq: 11 Feb 2025 01:17

Instrument :

BNA_P

ClientSampleId :

DCZT2

Tgt Ion:178 Resp: 256224

Ion Ratio Lower Upper

178 100

179 17.1 12.2 18.4

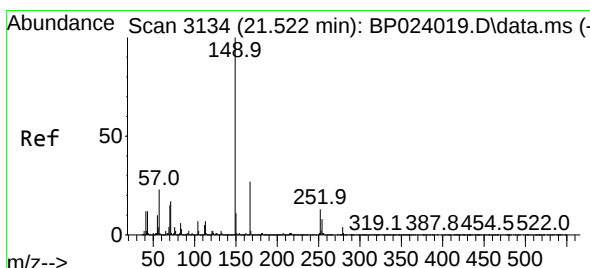
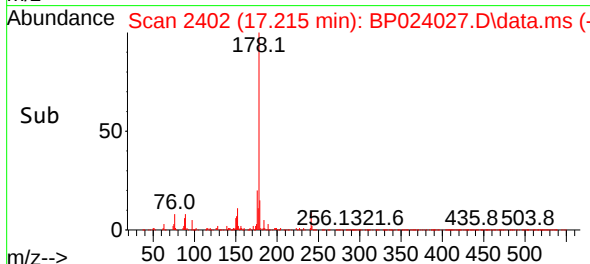
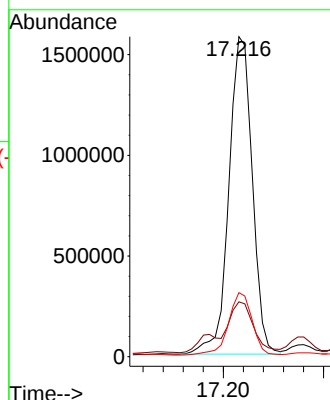
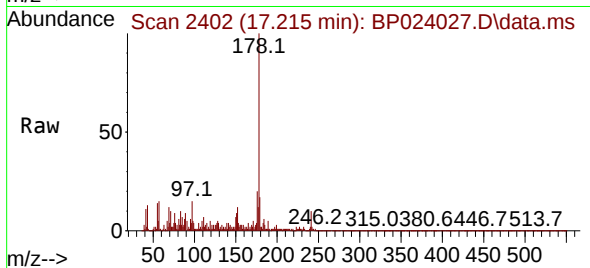
176 20.0 15.6 23.4

Manual Integrations

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Supervised By :Sohil Jodhani 02/18/2025



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.127 ng/ul

RT: 21.521 min Scan# 3134

Delta R.T. -0.042 min

Lab File: BP024027.D

Acq: 11 Feb 2025 01:17

Tgt Ion:149 Resp: 109281

Ion Ratio Lower Upper

149 100

167 40.3 22.6 33.8#

279 11.1 3.8 5.6#

