

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
 Data File : BP019221.D
 Acq On : 02 Jan 2024 22:35
 Operator : MA/JU
 Sample : 05919-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GCF48

Quant Time: Jan 03 00:09:13 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 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	7.799	152	198625	20.000	ng/u1	0.00
20) Naphthalene-d8	10.593	136	738298	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.446	164	430067	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	881354	20.000	ng/u1	0.01
79) Chrysene-d12	21.304	240	1072831	20.000	ng/u1	0.00
88) Perylene-d12	23.669	264	1290073	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	20526	3.529	ng/uL	0.00
4) Pyridine-d5	3.664	84	77567	5.314	ng/u1	0.01
7) Phenol-d5	6.981	99	365815	20.537	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	222218	21.565	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	295192	20.557	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	268551	19.365	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	143518	22.487	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	162275	23.527	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	298677	21.444	ng/u1	0.00
31) 4-Chloroaniline-d4	10.746	131	157891	9.216	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	762838	20.082	ng/u1	0.00
49) Acenaphthylene-d8	14.140	160	901235	21.865	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	128225	19.990	ng/u1	0.01
60) Fluorene-d10	15.446	176	686455	20.917	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	119784	20.731	ng/u1	0.00
73) Anthracene-d10	17.316	188	1009849	21.940	ng/u1	0.01
81) Pyrene-d10	19.551	212	1331007	20.357	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.516	264	1599922	21.576	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.646	128	59272	1.332	ng/u1#	87
36) 2-Methylnaphthalene	12.263	142	1305990	43.516	ng/u1	100
37) 1-Methylnaphthalene	12.481	142	1146778	37.892	ng/u1	98
43) 1,1'-Biphenyl	13.275	154	114228	3.045	ng/u1#	91
58) 2,3,4,6-Tetrachlorophenol	15.081	232	995189	101.513	ng/u1#	99
61) Fluorene	15.498	166	237125	6.600	ng/u1#	87
71) Pentachlorophenol	16.898	266	11944282	1519.650	ng/u1	98
72) Phenanthrene	17.257	178	1181524	22.121	ng/u1#	96
74) Anthracene	17.351	178	69622m	1.309	ng/u1	
82) Pyrene	19.581	202	711239	9.048	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	59458	1.438	ng/u1#	85
87) Chrysene	21.322	228	129630	1.640	ng/u1#	88

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

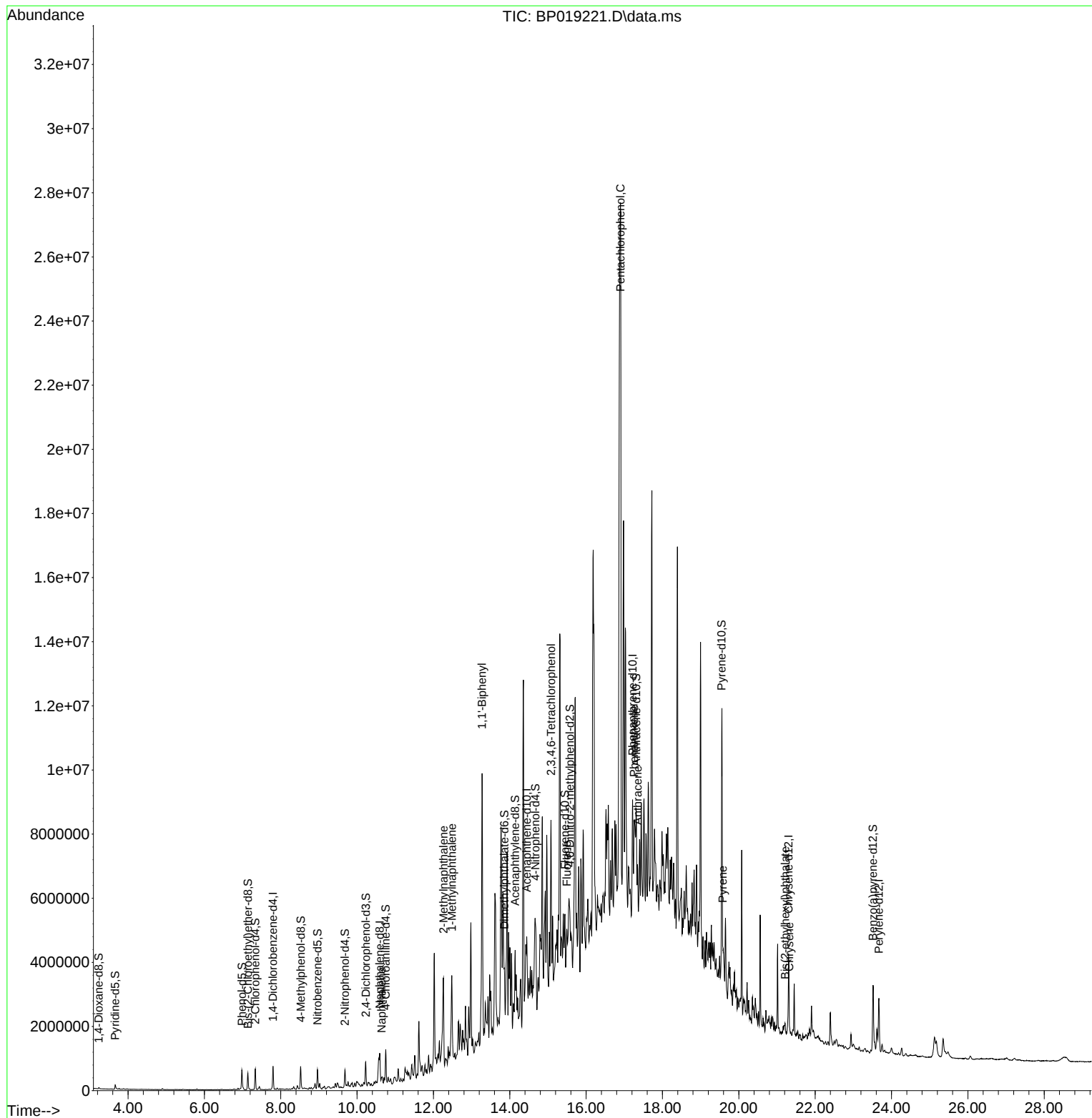
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019221.D
Acq On : 02 Jan 2024 22:35
Operator : MA/JU
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ALS Vial : 22 Sample Multiplier: 1

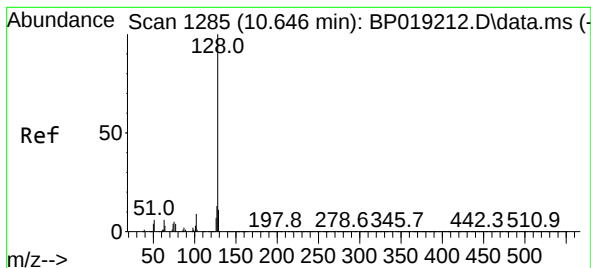
Instrument :
BNA_P
ClientSampleId :
GCF48

Quant Time: Jan 03 00:09:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
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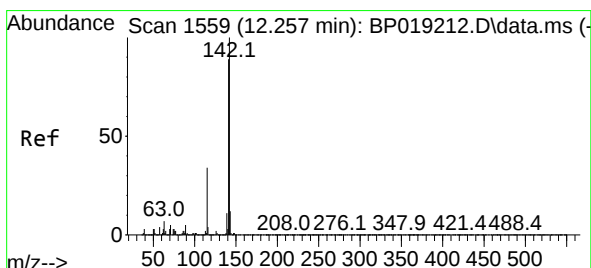
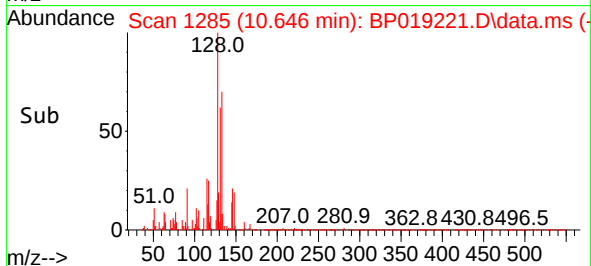
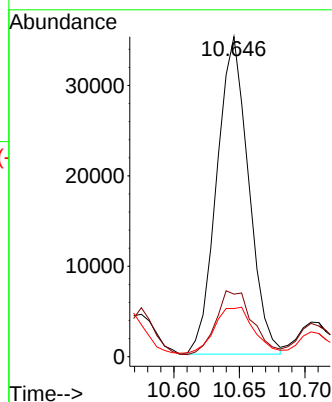
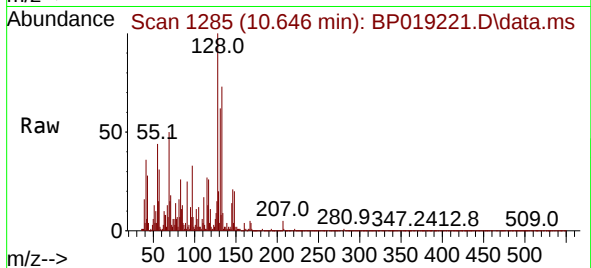
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Naphthalene
Concen: 1.332 ng/ul
RT: 10.646 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019221.D
Acq: 02 Jan 2024 22:35

Instrument :
BNA_P
ClientSampleId :
GCF48

Tgt Ion:128 Resp: 59272
Ion Ratio Lower Upper
128 100
129 19.6 8.6 13.0
127 15.0 10.6 15.8

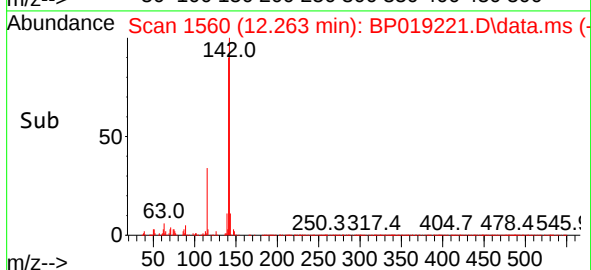
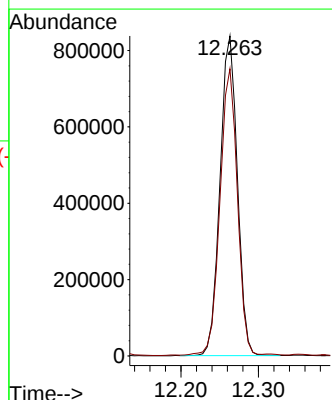
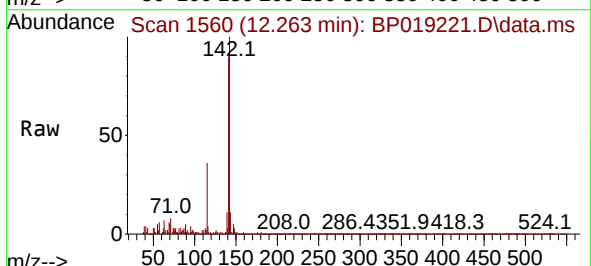
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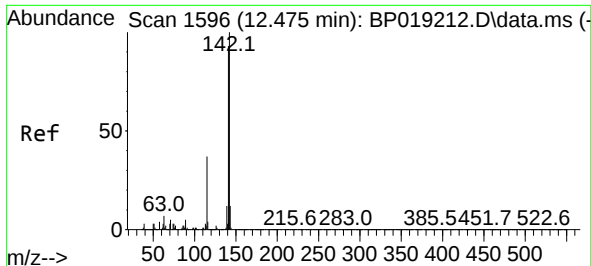
Reviewed By :Jagrut Upadhyay 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



#36
2-Methylnaphthalene
Concen: 43.516 ng/ul
RT: 12.263 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BP019221.D
Acq: 02 Jan 2024 22:35

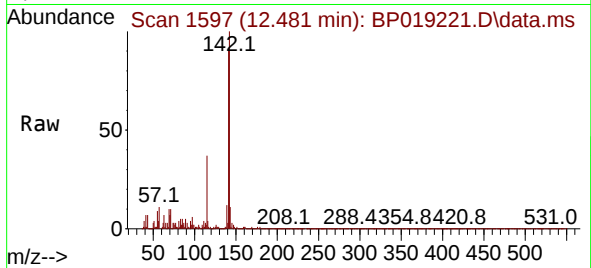
Tgt Ion:142 Resp: 1305990
Ion Ratio Lower Upper
142 100
141 89.8 71.7 107.5





#37
1-Methylnaphthalene
Concen: 37.892 ng/ul
RT: 12.481 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BP019221.D
Acq: 02 Jan 2024 22:35

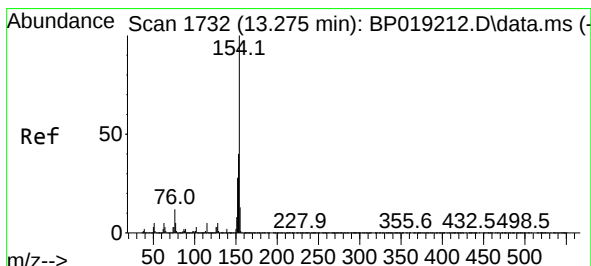
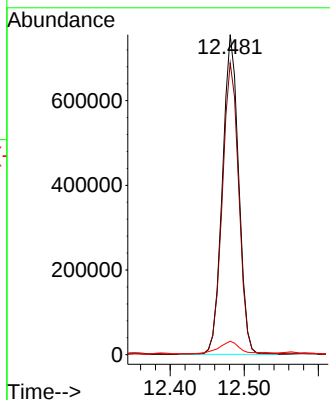
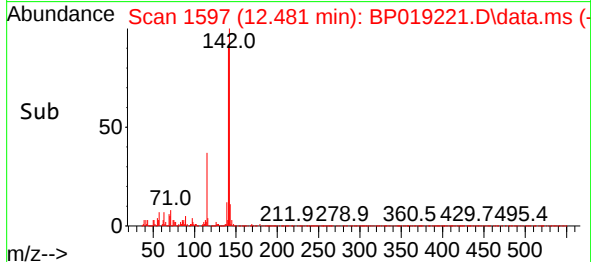
Instrument :
BNA_P
ClientSampleId :
GCF48



Tgt Ion:142 Resp: 1146778
Ion Ratio Lower Upper
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141 91.2 74.4 111.6
116 4.2 3.0 4.4

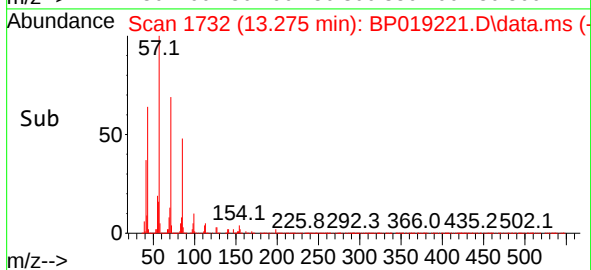
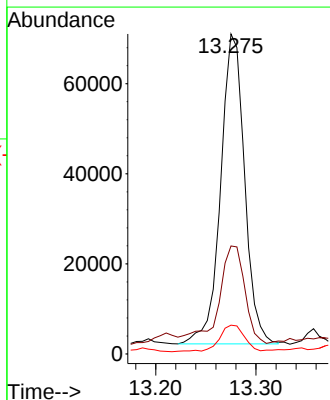
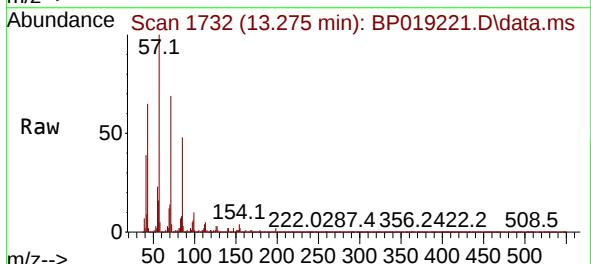
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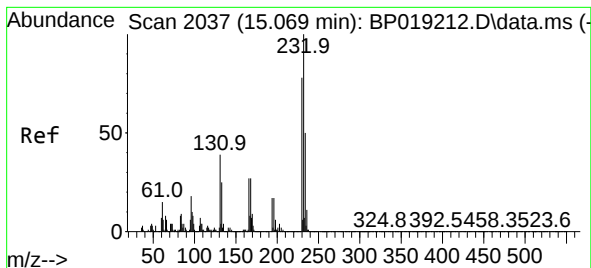
Reviewed By :Jagrut Upadhyay 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



#43
1,1'-Biphenyl
Concen: 3.045 ng/ul
RT: 13.275 min Scan# 1732
Delta R.T. -0.006 min
Lab File: BP019221.D
Acq: 02 Jan 2024 22:35

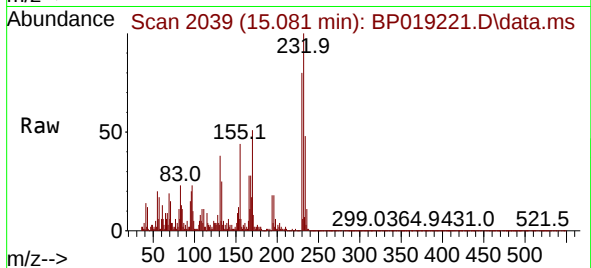
Tgt Ion:154 Resp: 114228
Ion Ratio Lower Upper
154 100
153 33.8 31.9 47.9
76 9.0 9.5 14.3#





#58
2,3,4,6-Tetrachlorophenol
Concen: 101.513 ng/ul
RT: 15.081 min Scan# 2039
Delta R.T. 0.006 min
Lab File: BP019221.D
Acq: 02 Jan 2024 22:35

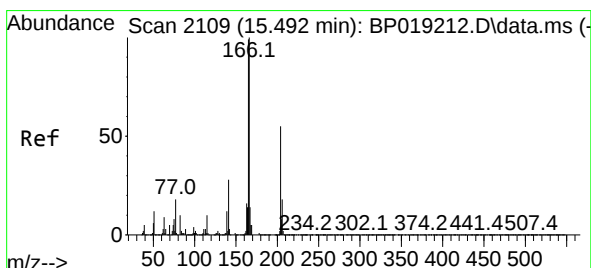
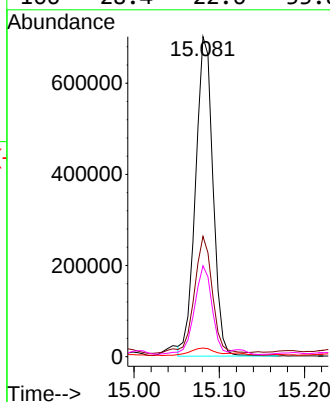
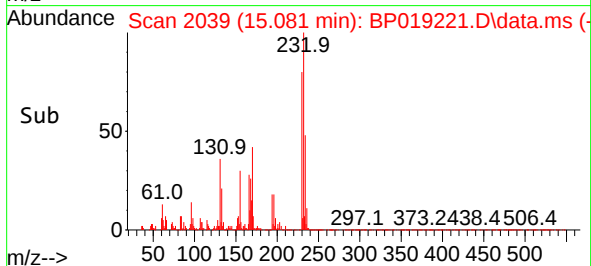
Instrument :
BNA_P
ClientSampleId :
GCF48



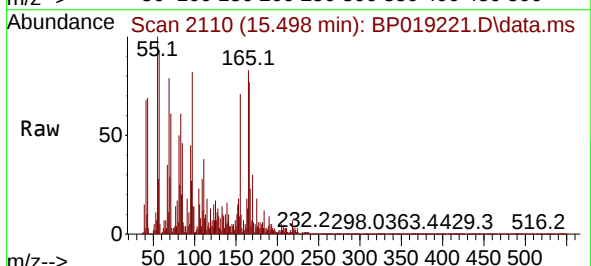
Tgt Ion:232 Resp: 995189
Ion Ratio Lower Upper
232 100
131 37.6 29.3 43.9
130 2.7 1.4 2.2
166 28.4 22.6 33.8

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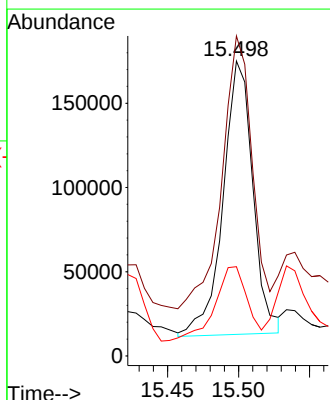
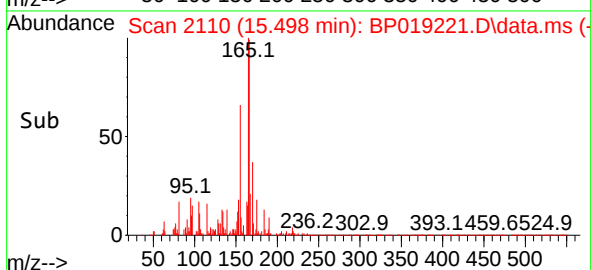
Reviewed By :Jagrut Upadhyay 01/04/2024
Supervised By :mohammad ahmed 01/05/2024

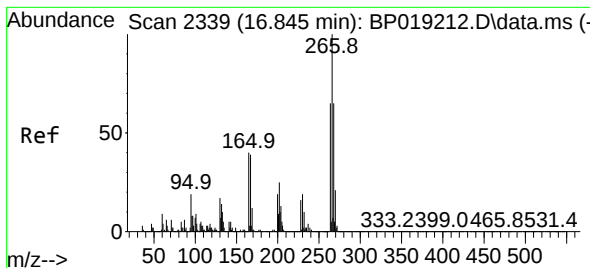


#61
Fluorene
Concen: 6.600 ng/ul
RT: 15.498 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BP019221.D
Acq: 02 Jan 2024 22:35



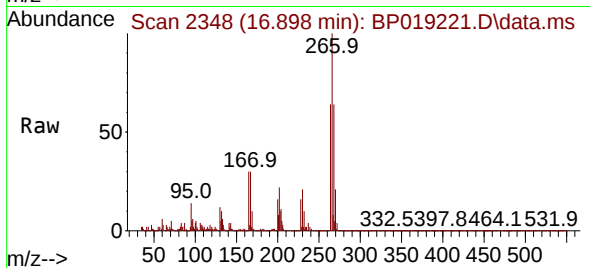
Tgt Ion:166 Resp: 237125
Ion Ratio Lower Upper
166 100
165 108.5 79.3 118.9
167 30.3 11.0 16.4





#71
Pentachlorophenol
Concen: 1519.650 ng/ul
RT: 16.898 min Scan# 21
Delta R.T. 0.047 min
Lab File: BP019221.D
Acq: 02 Jan 2024 22:35

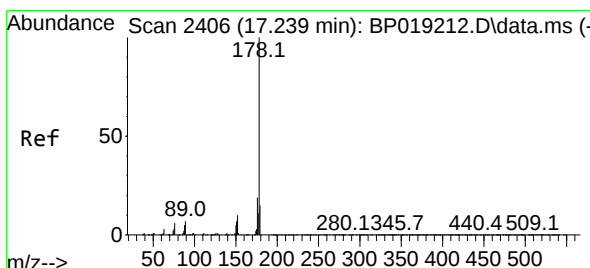
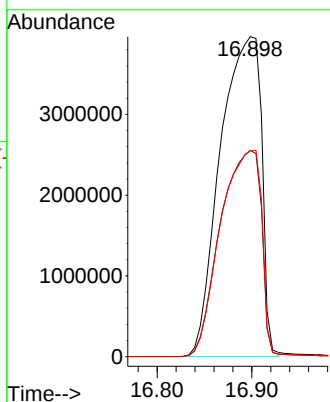
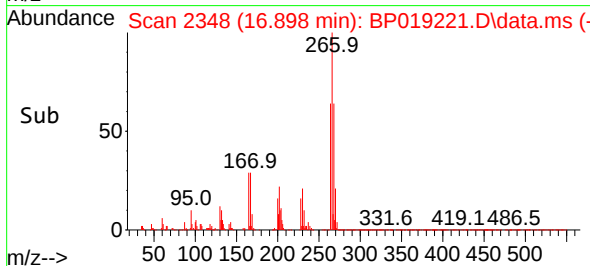
Instrument :
BNA_P
ClientSampleId :
GCF48



Tgt Ion:266 Resp:1194428
Ion Ratio Lower Upper
266 100
264 64.4 50.0 75.0
268 64.4 52.8 79.2

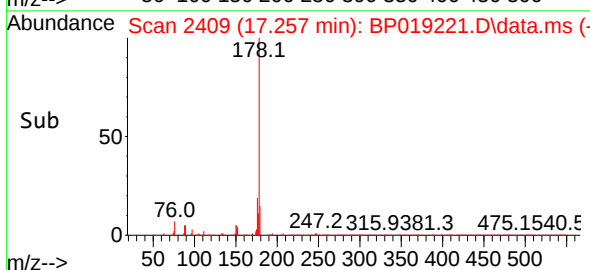
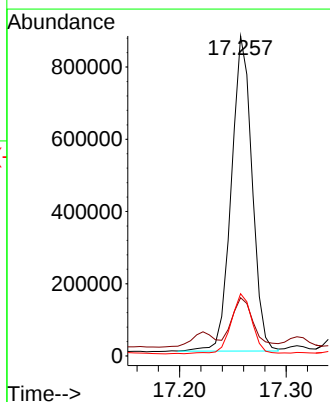
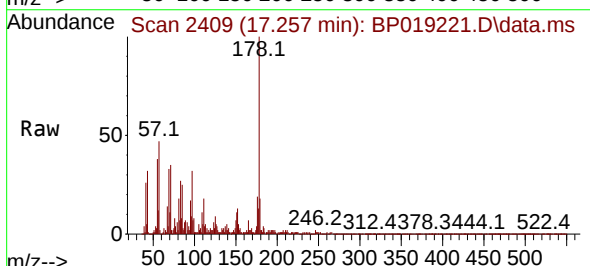
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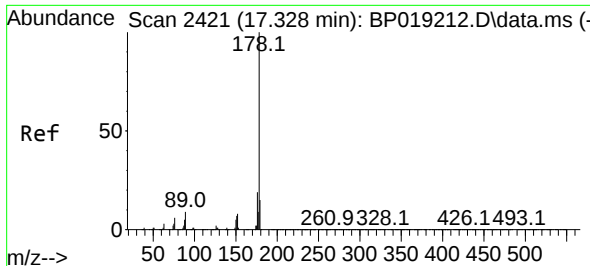
Reviewed By :Jagrut Upadhyay 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



#72
Phenanthrene
Concen: 22.121 ng/ul
RT: 17.257 min Scan# 2409
Delta R.T. 0.012 min
Lab File: BP019221.D
Acq: 02 Jan 2024 22:35

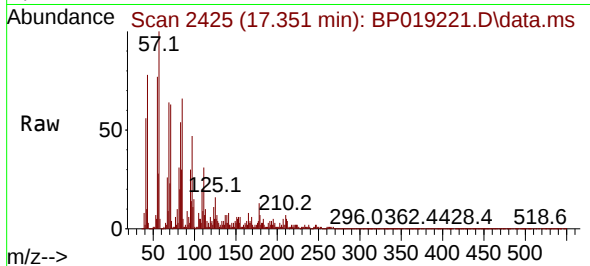
Tgt Ion:178 Resp: 1181524
Ion Ratio Lower Upper
178 100
179 18.2 11.9 17.9#
176 19.5 15.0 22.6





#74
 Anthracene
 Concen: 1.309 ng/ul m
 RT: 17.351 min Scan# 2421
 Delta R.T. 0.012 min
 Lab File: BP019221.D
 Acq: 02 Jan 2024 22:35

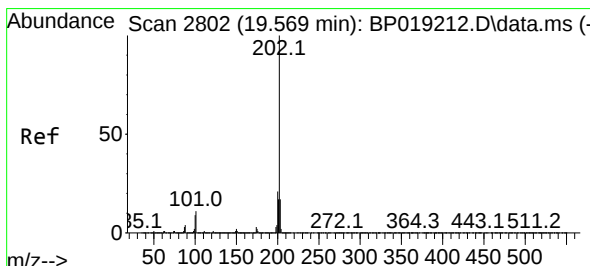
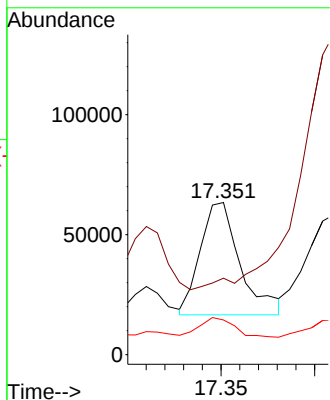
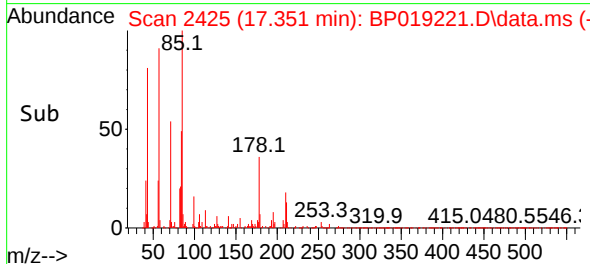
Instrument :
 BNA_P
 ClientSampleId :
 GCF48



Tgt Ion:178 Resp: 6962
 Ion Ratio Lower Upper
 178 100
 179 50.3 12.2 18.4
 176 22.9 14.9 22.3

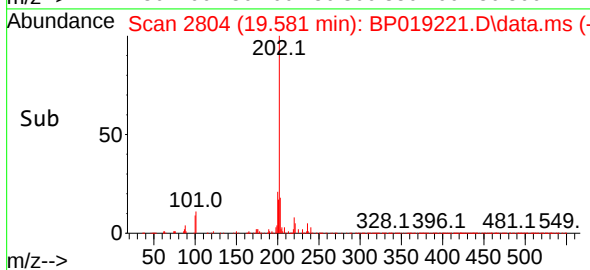
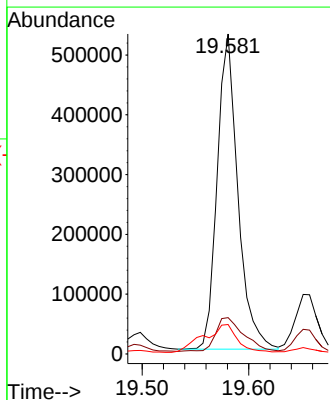
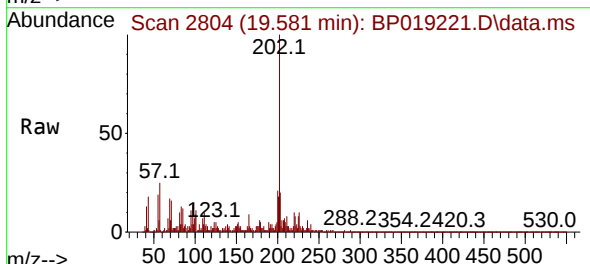
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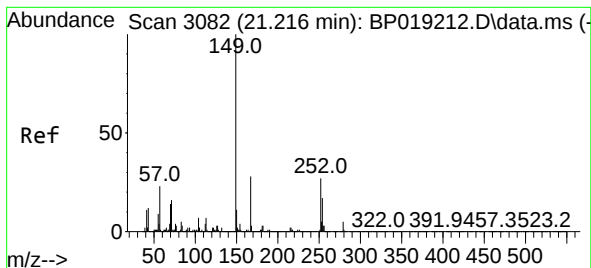
Reviewed By :Jagrut Upadhyay 01/04/2024
 Supervised By :mohammad ahmed 01/05/2024



#82
 Pyrene
 Concen: 9.048 ng/ul
 RT: 19.581 min Scan# 2804
 Delta R.T. 0.006 min
 Lab File: BP019221.D
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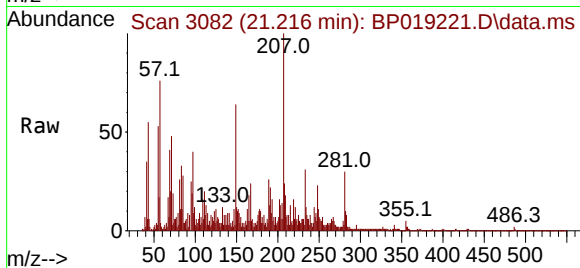
Tgt Ion:202 Resp: 711239
 Ion Ratio Lower Upper
 202 100
 101 11.3 9.2 13.8
 100 9.2 7.8 11.6





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.438 ng/ul
RT: 21.216 min Scan# 3082
Delta R.T. -0.006 min
Lab File: BP019221.D
Acq: 02 Jan 2024 22:35

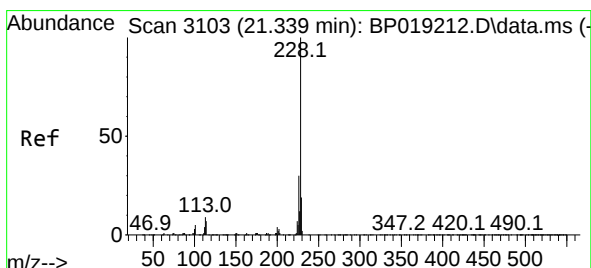
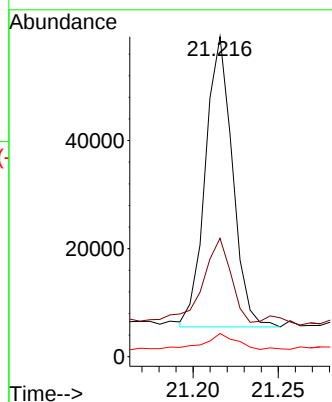
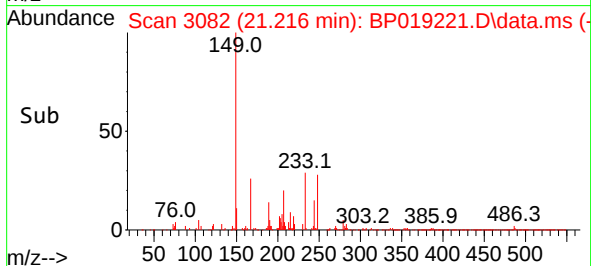
Instrument :
BNA_P
ClientSampleId :
GCF48



Tgt Ion:149 Resp: 59458
Ion Ratio Lower Upper
149 100
167 37.0 22.5 33.7
279 7.2 4.0 6.0

Manual Integrations
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Reviewed By :Jagrut Upadhyay 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



#87
Chrysene
Concen: 1.640 ng/ul
RT: 21.322 min Scan# 3100
Delta R.T. -0.023 min
Lab File: BP019221.D
Acq: 02 Jan 2024 22:35

Tgt Ion:228 Resp: 129630
Ion Ratio Lower Upper
228 100
226 34.8 23.4 35.2
229 26.5 15.6 23.4

