

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092824\
 Data File : BM047694.D
 Acq On : 28 Sep 2024 16:41
 Operator : RC/JU
 Sample : P3927-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DDC93

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/30/2024
 Supervised By :mohammad ahmed 10/01/2024

Quant Time: Sep 29 01:54:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 28 02:30:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	214692	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	738720	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.451	164	539533	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	1015715	20.000	ng/u1	0.02
79) Chrysene-d12	21.409	240	995882	20.000	ng/u1	0.00
88) Perylene-d12	24.421	264	1206896	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	18869	2.840	ng/uL	0.00
4) Pyridine-d5	3.681	84	245163	12.603	ng/u1	0.00
7) Phenol-d5	6.981	99	323302	15.925	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.145	67	259803	18.035	ng/u1	0.00
11) 2-Chlorophenol-d4	7.351	132	248037	16.793	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	423323m	28.046	ng/u1	0.00
21) Nitrobenzene-d5	8.969	128	87893	14.943	ng/u1	0.00
24) 2-Nitrophenol-d4	9.692	143	117137	20.782	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.239	165	226645	20.129	ng/u1	0.01
31) 4-Chloroaniline-d4	10.733	131	389578	22.380	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	651413	16.653	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	788627	17.004	ng/u1	0.00
54) 4-Nitrophenol-d4	14.645	143	61321	7.874	ng/u1	0.01
60) Fluorene-d10	15.445	176	580250	17.126	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	81078	13.641	ng/u1	0.00
73) Anthracene-d10	17.298	188	843181	16.883	ng/u1	0.01
81) Pyrene-d10	19.574	212	1021537	18.074	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.209	264	1085788	17.340	ng/u1	0.00
Target Compounds						
					Qvalue	
29) 2,4-Dichlorophenol	10.269	162	33872	2.913	ng/u1#	78
30) Naphthalene	10.663	128	1592934	37.488	ng/u1	99
36) 2-Methylnaphthalene	12.280	142	2606004	96.523	ng/u1	96
37) 1-Methylnaphthalene	12.498	142	1514348	55.130	ng/u1	99
41) 2,4,6-Trichlorophenol	12.886	196	30805	3.031	ng/u1	96
42) 2,4,5-Trichlorophenol	12.963	196	19435	1.749	ng/u1	90
43) 1,1'-Biphenyl	13.286	154	227865	5.275	ng/u1#	87
52) Acenaphthene	14.516	153	143015	3.868	ng/u1	93
58) 2,3,4,6-Tetrachlorophenol	15.092	232	4180922m	477.310	ng/u1	
61) Fluorene	15.498	166	189773	4.570	ng/u1#	89
71) Pentachlorophenol	16.921	266	27207294	3511.729	ng/u1	98
72) Phenanthrene	17.245	178	743319	12.479	ng/u1#	96
80) Fluoranthene	19.239	202	71959	1.081	ng/u1#	60
82) Pyrene	19.603	202	99355	1.341	ng/u1#	77
86) Bis(2-ethylhexyl)phtha...	21.321	149	63238	1.608	ng/u1#	86

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

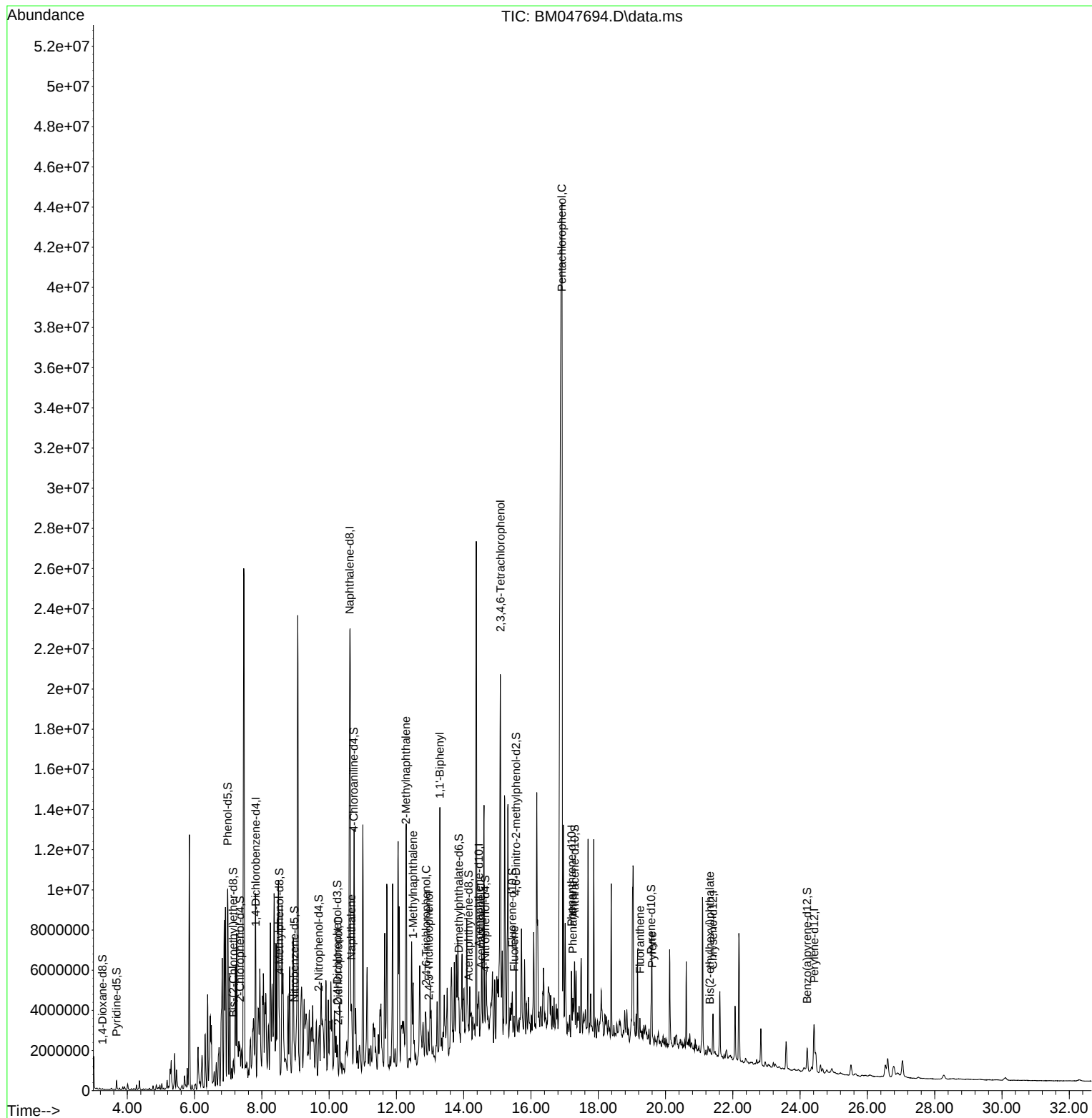
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092824\
Data File : BM047694.D
Acq On : 28 Sep 2024 16:41
Operator : RC/JU
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ALS Vial : 9 Sample Multiplier: 1

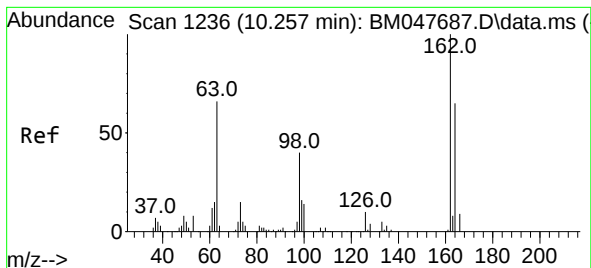
Instrument :
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DDC93

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Quant Title : SVOA CALIBRATION
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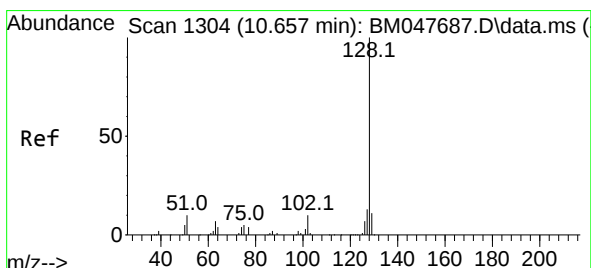
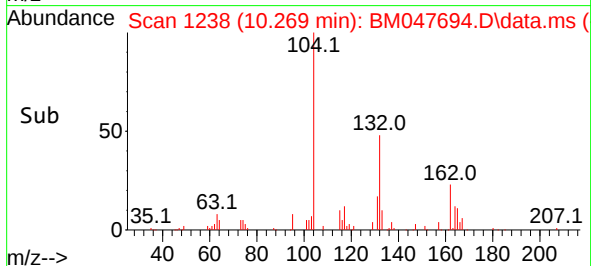
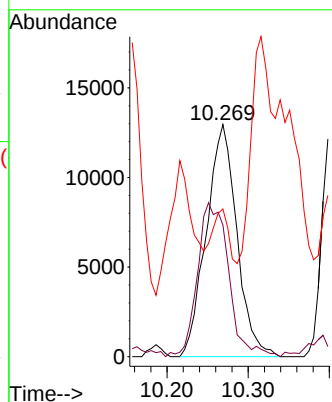
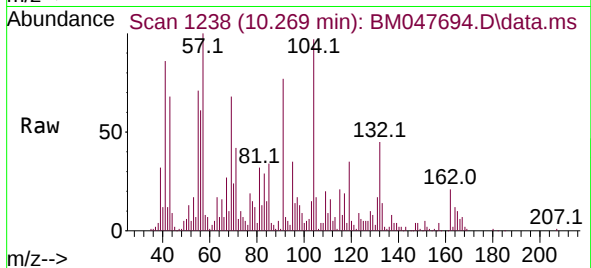
#29
2,4-Dichlorophenol
Concen: 2.913 ng/ul
RT: 10.269 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM047694.D
Acq: 28 Sep 2024 16:41

Instrument :
BNA_M
ClientSampleId :
DDC93

Tgt Ion:162 Resp: 33872
Ion Ratio Lower Upper
162 100
164 56.7 52.2 78.2
98 63.6 30.6 46.0

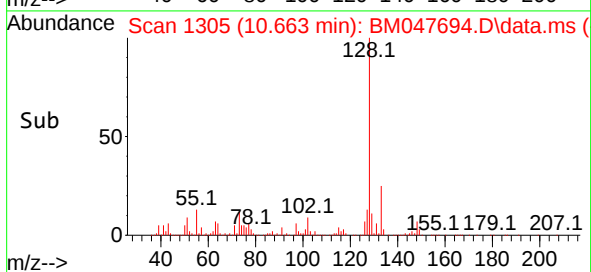
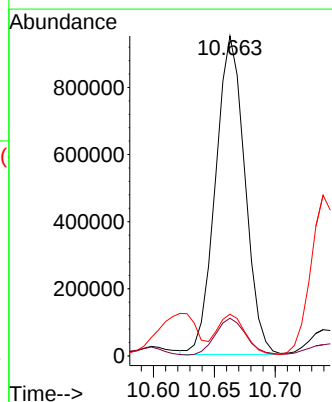
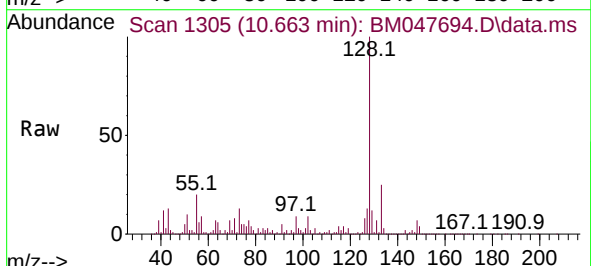
Manual Integrations
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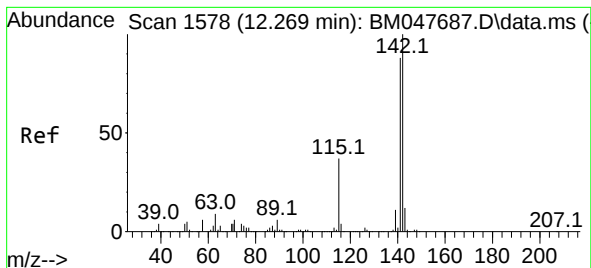
Reviewed By :Jagrut Upadhyay 09/30/2024
Supervised By :mohammad ahmed 10/01/2024



#30
Naphthalene
Concen: 37.488 ng/ul
RT: 10.663 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BM047694.D
Acq: 28 Sep 2024 16:41

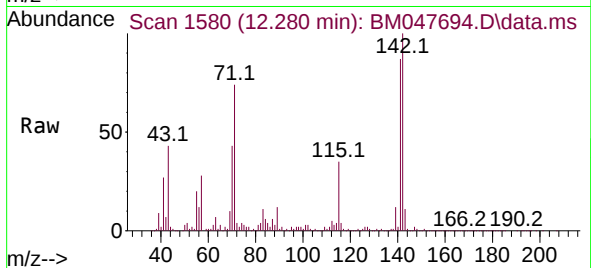
Tgt Ion:128 Resp: 1592934
Ion Ratio Lower Upper
128 100
129 11.8 8.6 12.8
127 13.0 10.4 15.6





#36
2-Methylnaphthalene
Concen: 96.523 ng/ul
RT: 12.280 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM047694.D
Acq: 28 Sep 2024 16:41

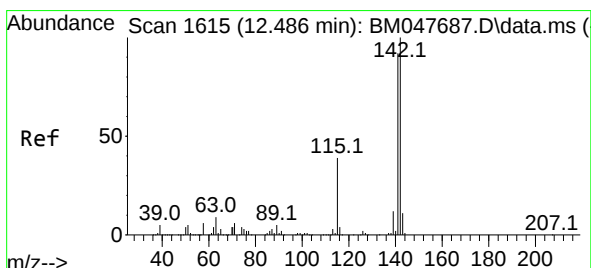
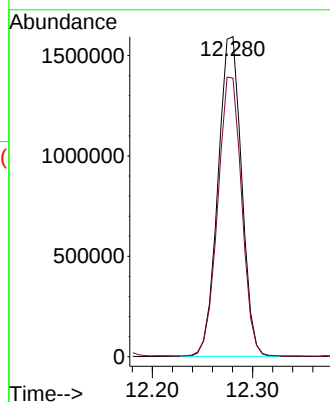
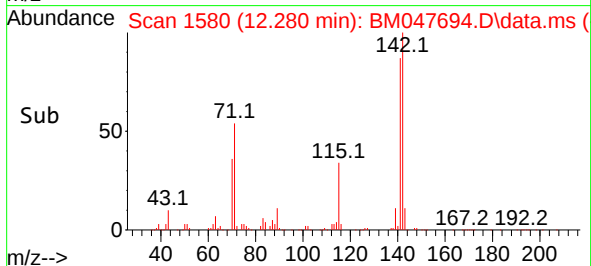
Instrument :
BNA_M
ClientSampleId :
DDC93



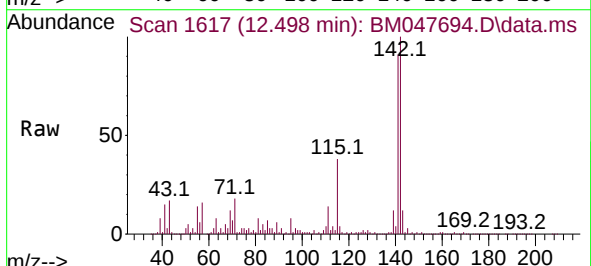
Tgt Ion:142 Resp: 2606004
Ion Ratio Lower Upper
142 100
141 87.1 72.5 108.7

Manual Integrations
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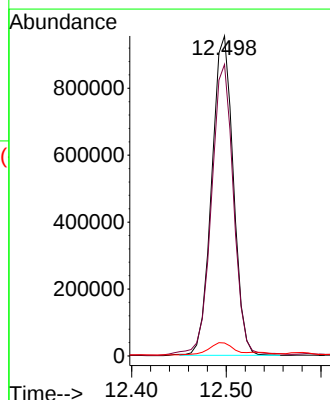
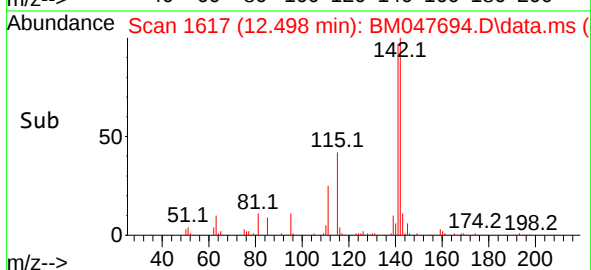
Reviewed By :Jagrut Upadhyay 09/30/2024
Supervised By :mohammad ahmed 10/01/2024

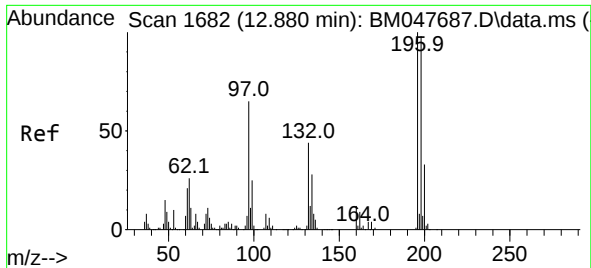


#37
1-Methylnaphthalene
Concen: 55.130 ng/ul
RT: 12.498 min Scan# 1617
Delta R.T. 0.006 min
Lab File: BM047694.D
Acq: 28 Sep 2024 16:41



Tgt Ion:142 Resp: 1514348
Ion Ratio Lower Upper
142 100
141 91.1 73.4 110.2
116 4.1 3.0 4.6





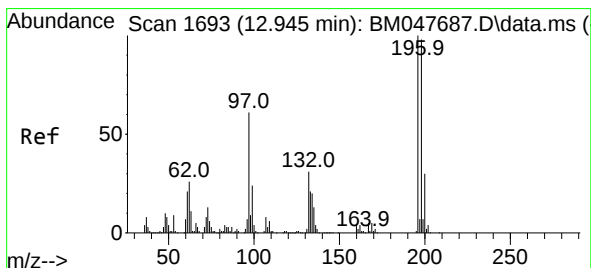
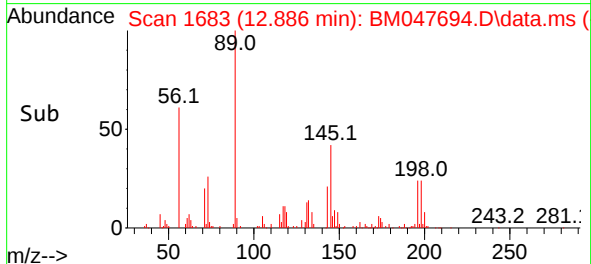
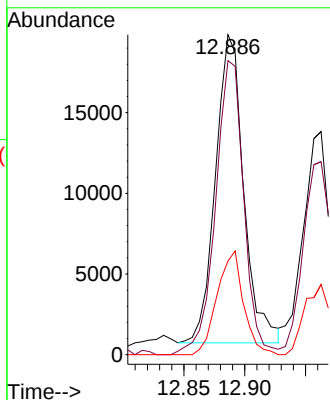
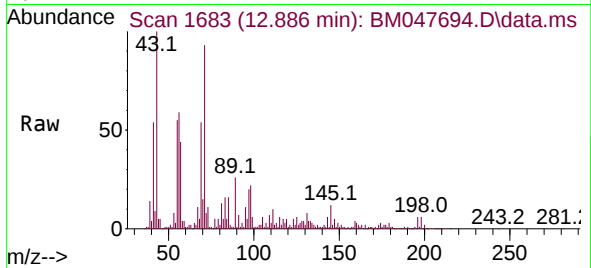
#41
2,4,6-Trichlorophenol
Concen: 3.031 ng/ul
RT: 12.886 min Scan# 1682
Delta R.T. 0.006 min
Lab File: BM047694.D
Acq: 28 Sep 2024 16:41

Instrument :
BNA_M
ClientSampleId :
DDC93

Tgt Ion:196 Resp: 3080
Ion Ratio Lower Upper
196 100
198 91.9 77.1 115.7
200 29.2 24.5 36.7

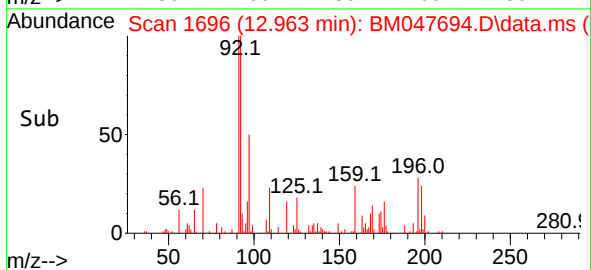
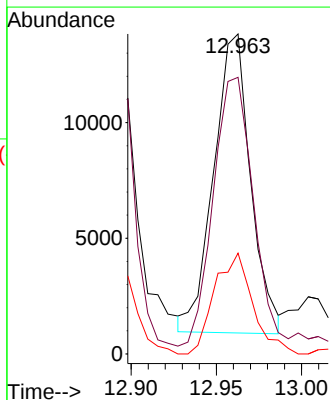
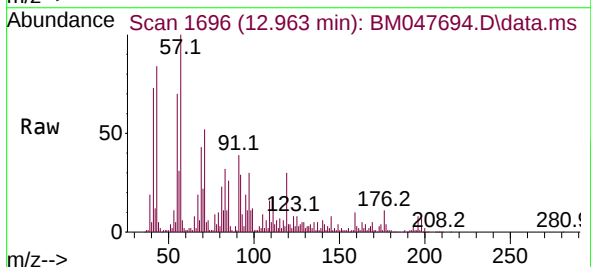
Manual Integrations
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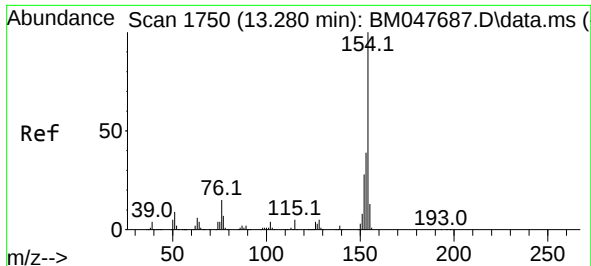
Reviewed By :Jagrut Upadhyay 09/30/2024
Supervised By :mohammad ahmed 10/01/2024



#42
2,4,5-Trichlorophenol
Concen: 1.749 ng/ul
RT: 12.963 min Scan# 1696
Delta R.T. 0.018 min
Lab File: BM047694.D
Acq: 28 Sep 2024 16:41

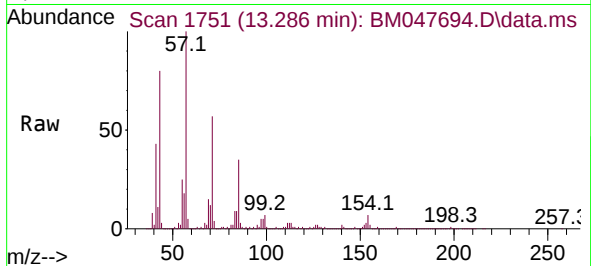
Tgt Ion:196 Resp: 19435
Ion Ratio Lower Upper
196 100
198 86.5 79.5 119.3
200 31.5 25.8 38.8





#43
1,1'-Biphenyl
Concen: 5.275 ng/ul
RT: 13.286 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BM047694.D
Acq: 28 Sep 2024 16:41

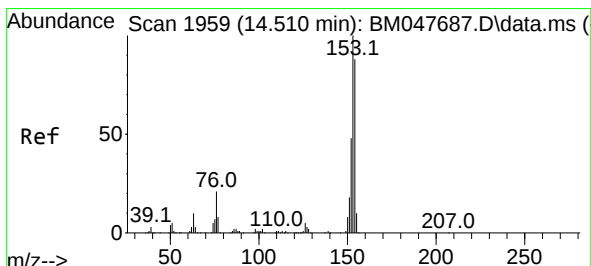
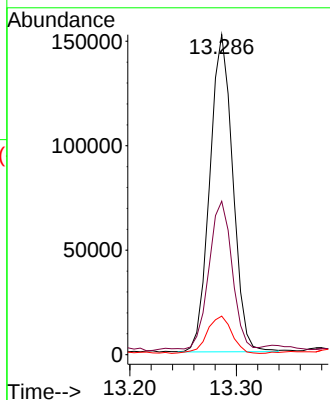
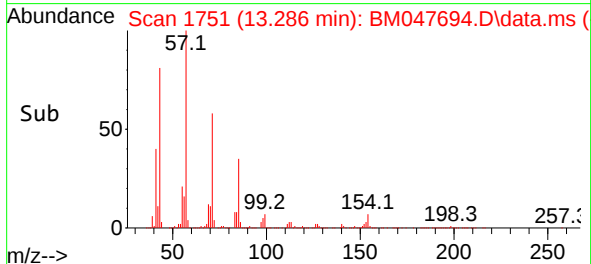
Instrument :
BNA_M
ClientSampleId :
DDC93



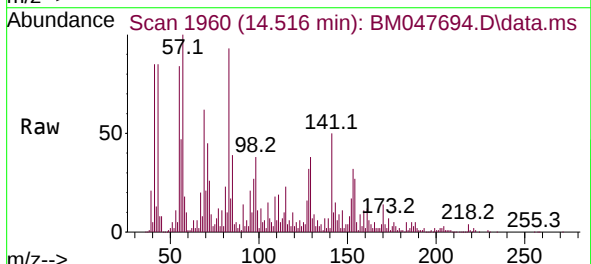
Tgt Ion:154 Resp: 22786
Ion Ratio Lower Upper
154 100
153 48.0 31.1 46.7
76 12.0 12.1 18.1

Manual Integrations
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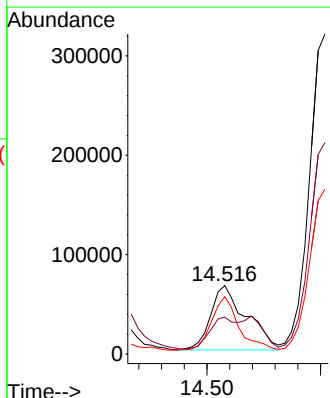
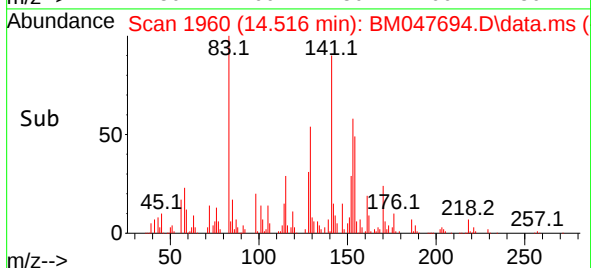
Reviewed By :Jagrut Upadhyay 09/30/2024
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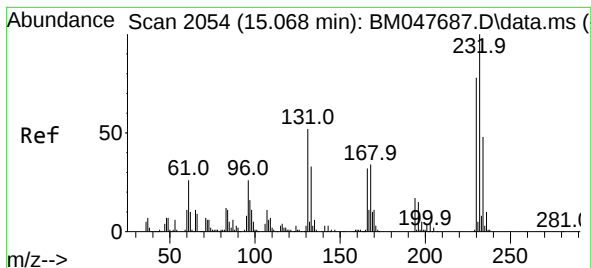


#52
Acenaphthene
Concen: 3.868 ng/ul
RT: 14.516 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BM047694.D
Acq: 28 Sep 2024 16:41



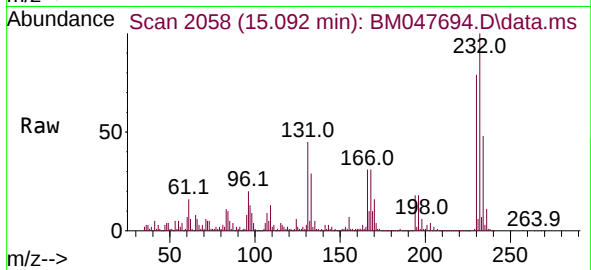
Tgt Ion:153 Resp: 143015
Ion Ratio Lower Upper
153 100
152 53.7 39.7 59.5
154 83.6 72.6 108.8





#58
2,3,4,6-Tetrachlorophenol
Concen: 477.310 ng/ul m
RT: 15.092 min Scan# 2058
Delta R.T. 0.023 min
Lab File: BM047694.D
Acq: 28 Sep 2024 16:41

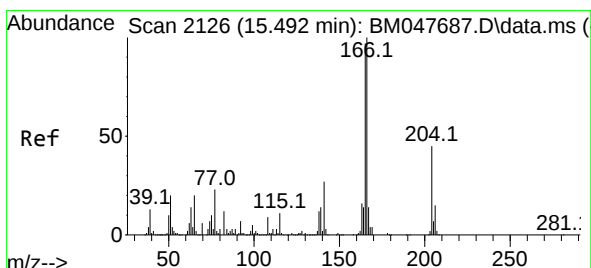
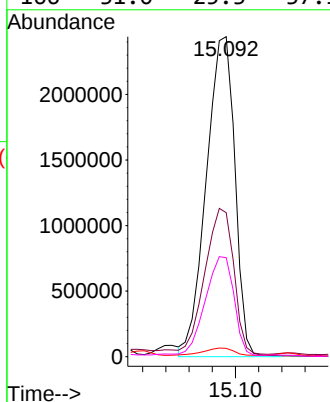
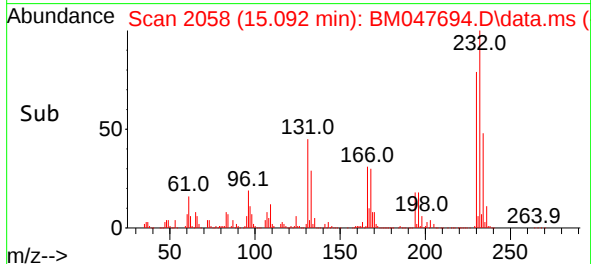
Instrument :
BNA_M
ClientSampleId :
DDC93



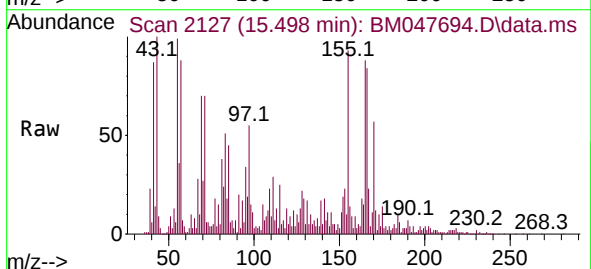
Tgt Ion:232 Resp: 418092
Ion Ratio Lower Upper
232 100
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130 2.6 2.6 4.0
166 31.0 25.3 37.9

Manual Integrations
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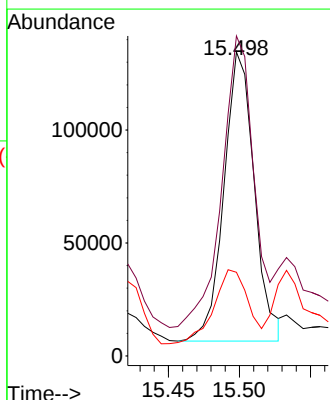
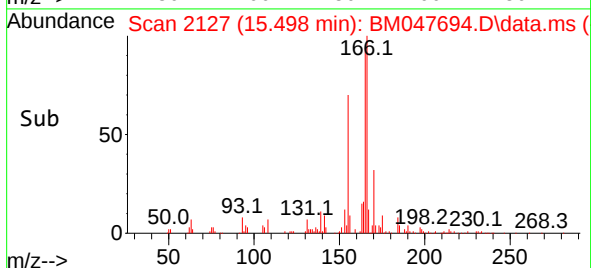
Reviewed By :Jagrut Upadhyay 09/30/2024
Supervised By :mohammad ahmed 10/01/2024

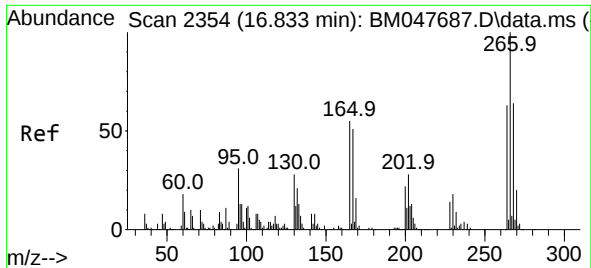


#61
Fluorene
Concen: 4.570 ng/ul
RT: 15.498 min Scan# 2127
Delta R.T. 0.006 min
Lab File: BM047694.D
Acq: 28 Sep 2024 16:41



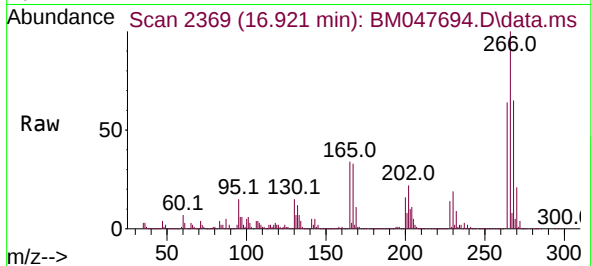
Tgt Ion:166 Resp: 189773
Ion Ratio Lower Upper
166 100
165 105.3 77.8 116.6
167 27.5 10.8 16.2#





#71
Pentachlorophenol
Concen: 3511.729 ng/ul
RT: 16.921 min Scan# 21
Delta R.T. 0.082 min
Lab File: BM047694.D
Acq: 28 Sep 2024 16:41

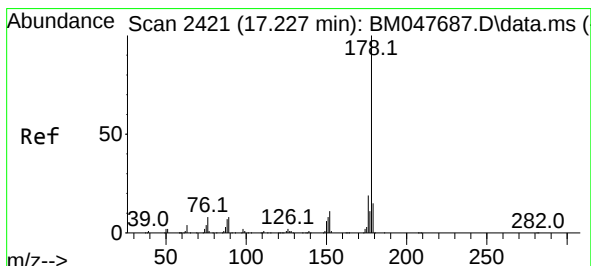
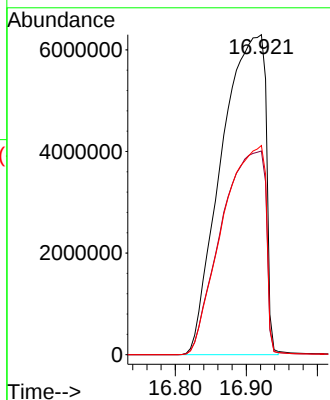
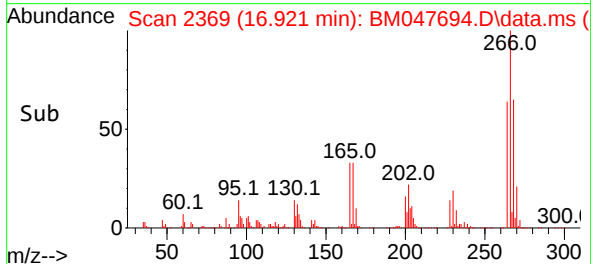
Instrument :
BNA_M
ClientSampleId :
DDC93



Tgt Ion:266 Resp:27207294
Ion Ratio Lower Upper
266 100
264 63.7 50.2 75.2
268 65.4 50.9 76.3

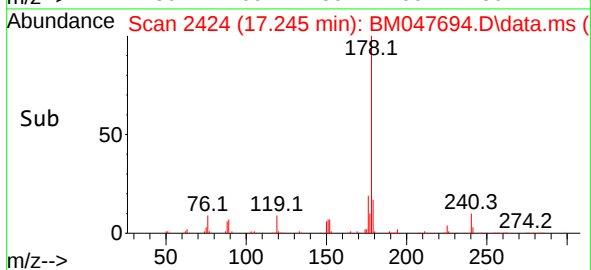
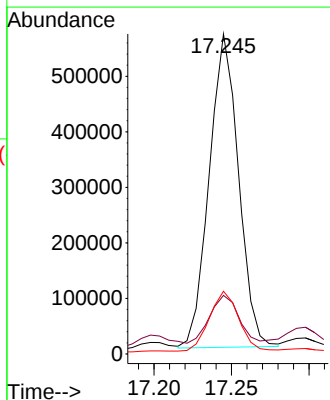
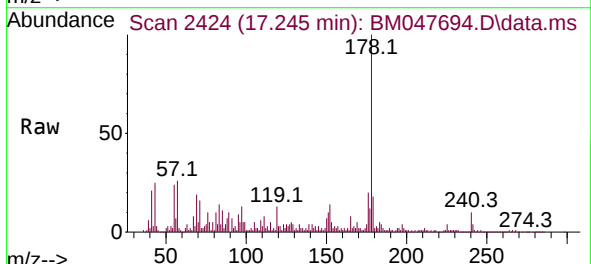
Manual Integrations
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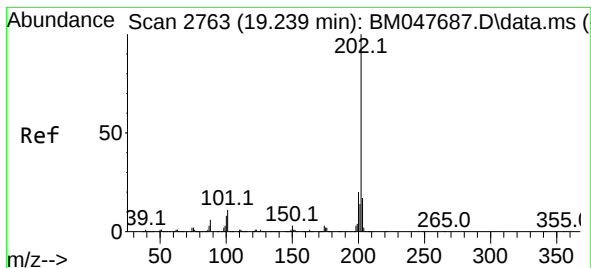
Reviewed By :Jagrut Upadhyay 09/30/2024
Supervised By :mohammad ahmed 10/01/2024



#72
Phenanthrene
Concen: 12.479 ng/ul
RT: 17.245 min Scan# 2424
Delta R.T. 0.018 min
Lab File: BM047694.D
Acq: 28 Sep 2024 16:41

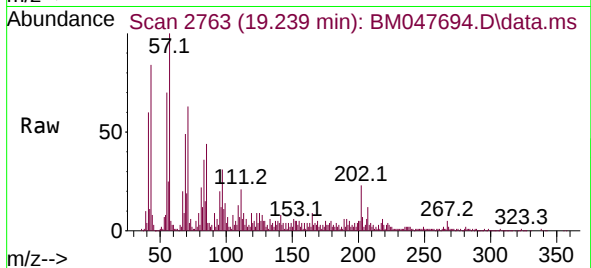
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Ion Ratio Lower Upper
178 100
179 18.3 12.0 18.0#
176 19.6 15.4 23.0





#80
Fluoranthene
Concen: 1.081 ng/ul
RT: 19.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047694.D
Acq: 28 Sep 2024 16:41

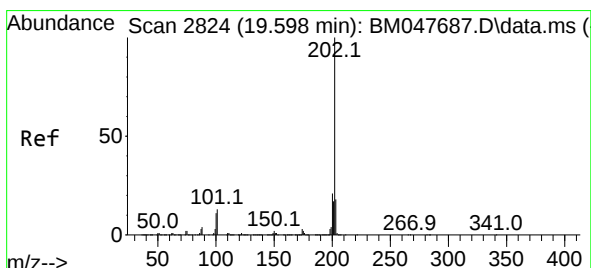
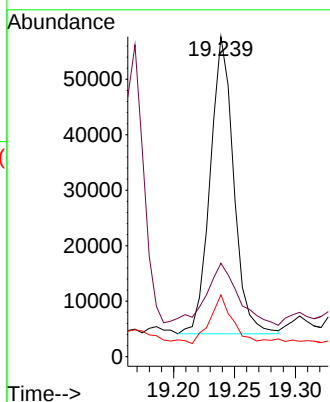
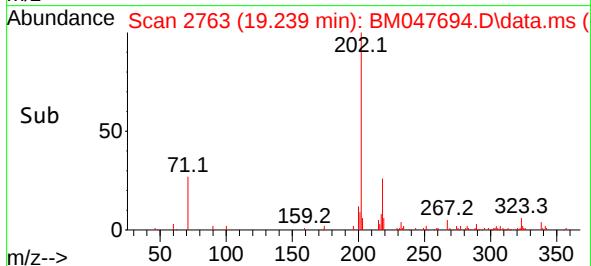
Instrument :
BNA_M
ClientSampleId :
DDC93



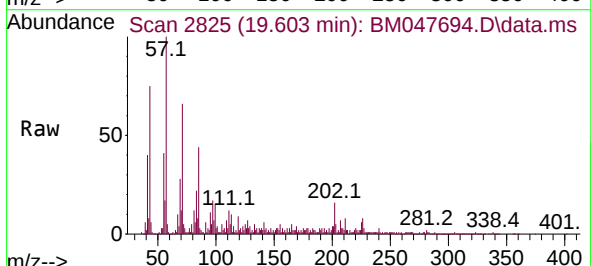
Tgt Ion:202 Resp: 71959
Ion Ratio Lower Upper
202 100
101 29.2 9.0 13.4#
100 19.3 6.8 10.2#

Manual Integrations
APPROVED

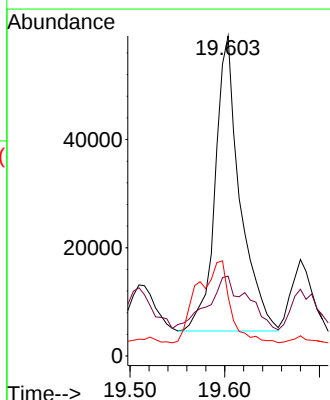
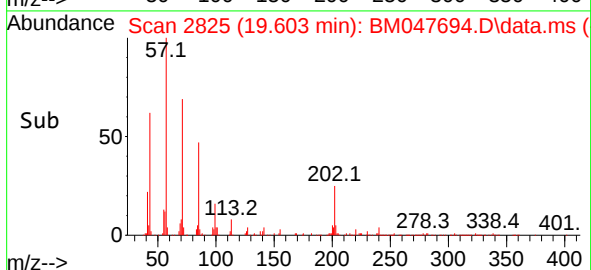
Reviewed By :Jagrut Upadhyay 09/30/2024
Supervised By :mohammad ahmed 10/01/2024

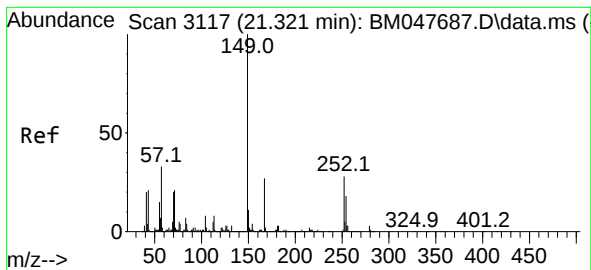


#82
Pyrene
Concen: 1.341 ng/ul
RT: 19.603 min Scan# 2825
Delta R.T. 0.006 min
Lab File: BM047694.D
Acq: 28 Sep 2024 16:41



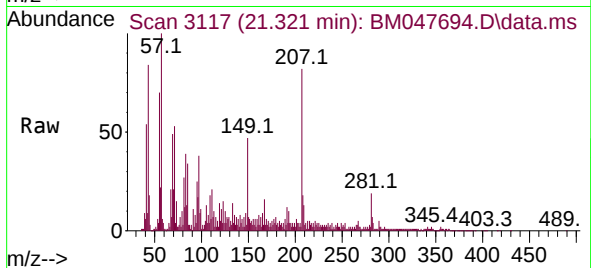
Tgt Ion:202 Resp: 99355
Ion Ratio Lower Upper
202 100
101 25.0 10.9 16.3#
100 18.6 9.4 14.2#





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.608 ng/ul
 RT: 21.321 min Scan# 3117
 Delta R.T. -0.000 min
 Lab File: BM047694.D
 Acq: 28 Sep 2024 16:41

Instrument :
 BNA_M
 ClientSampleId :
 DDC93



Tgt Ion:149 Resp: 63238
 Ion Ratio Lower Upper
 149 100
 167 34.4 21.3 31.9
 279 6.6 2.7 4.1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/30/2024
 Supervised By :mohammad ahmed 10/01/2024

