

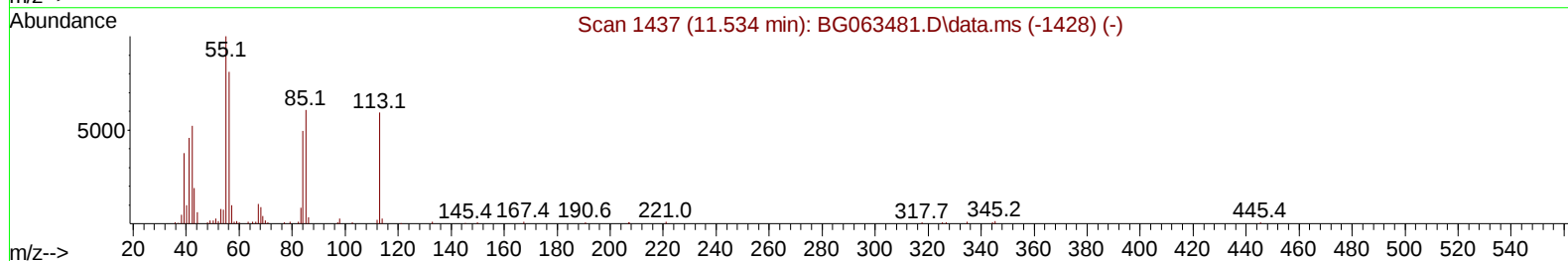
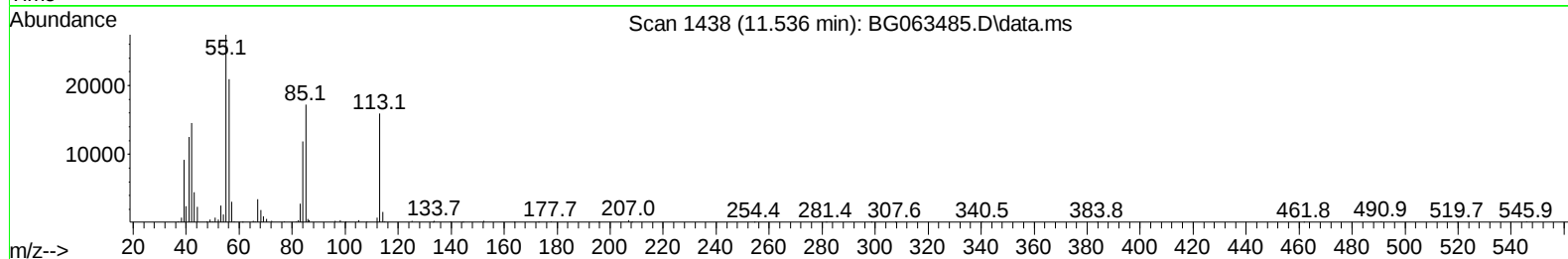
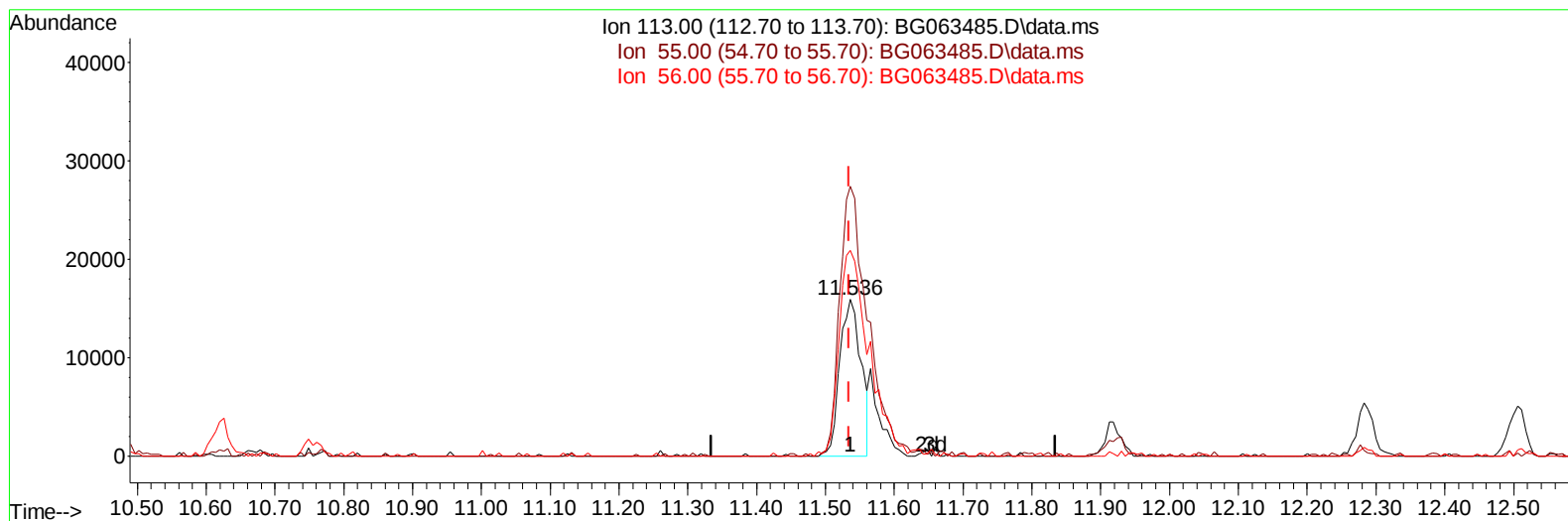
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112024\
Data File : BG063485.D
Acq On : 20 Nov 2024 14:59
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SICV423

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 20 15:49:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 14:52:38 2024
Response via : Initial Calibration



TIC: BG063485.D\data.ms

(34) Caprolactam

11.536min (+ 0.002) 16.63 ng/ul

response 34056

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.00	172.06
56.00	137.20	131.27
0.00	0.00	0.00

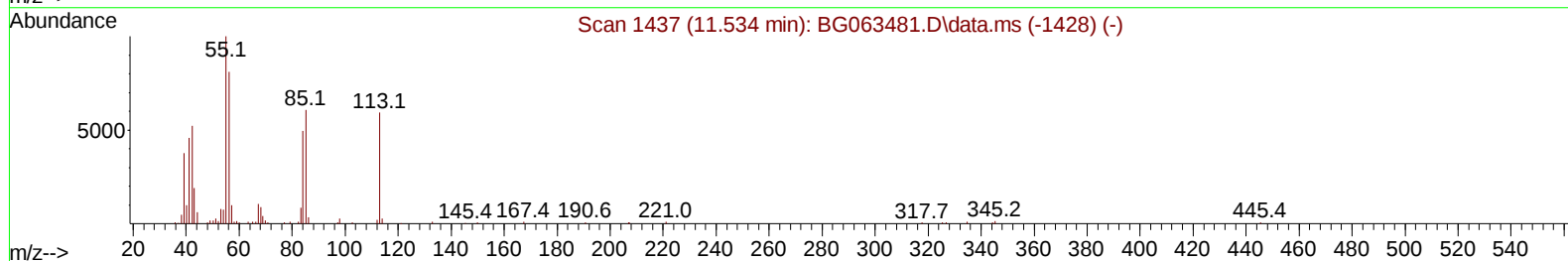
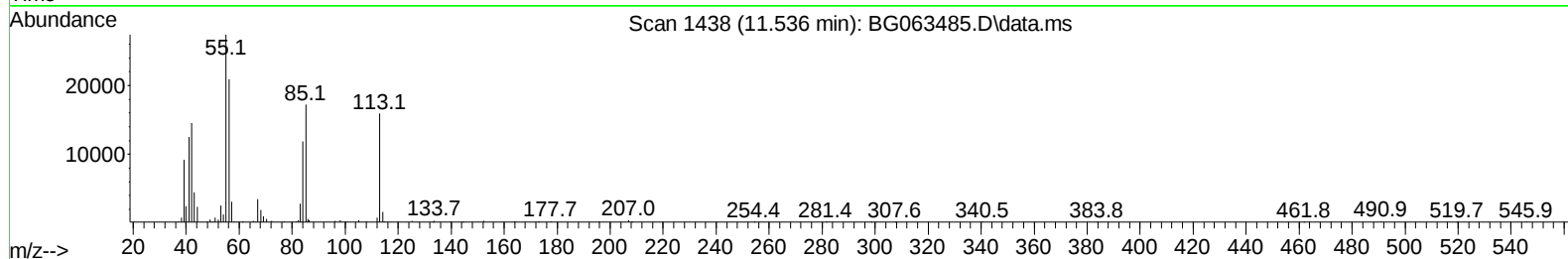
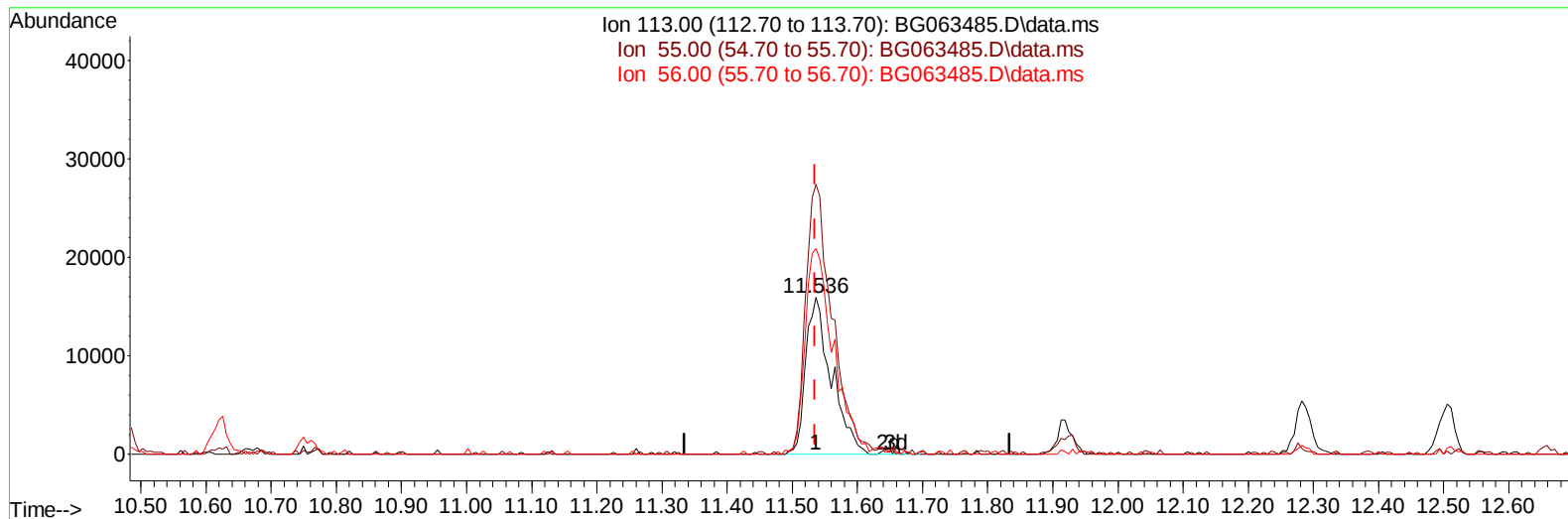
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TIC: BG063485.D\data.ms

(34) Caprolactam

11.536min (+ 0.002) 21.69 ng/ul m

response 44402

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.00	172.06
56.00	137.20	131.27
0.00	0.00	0.00

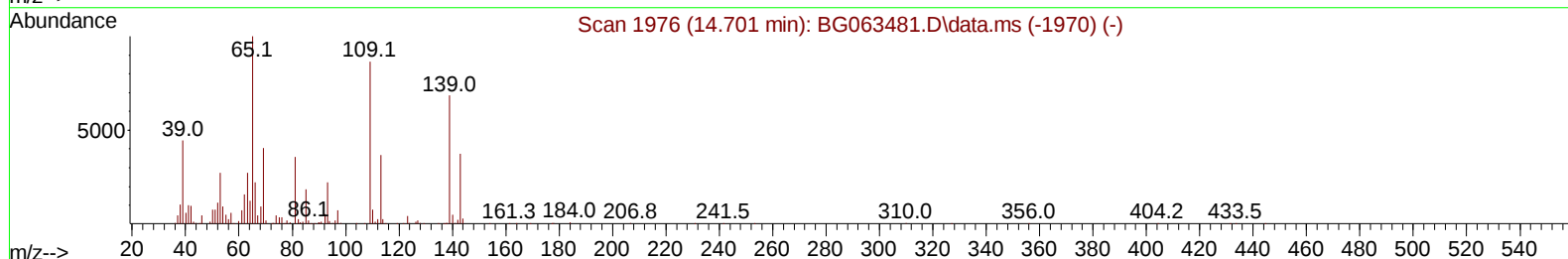
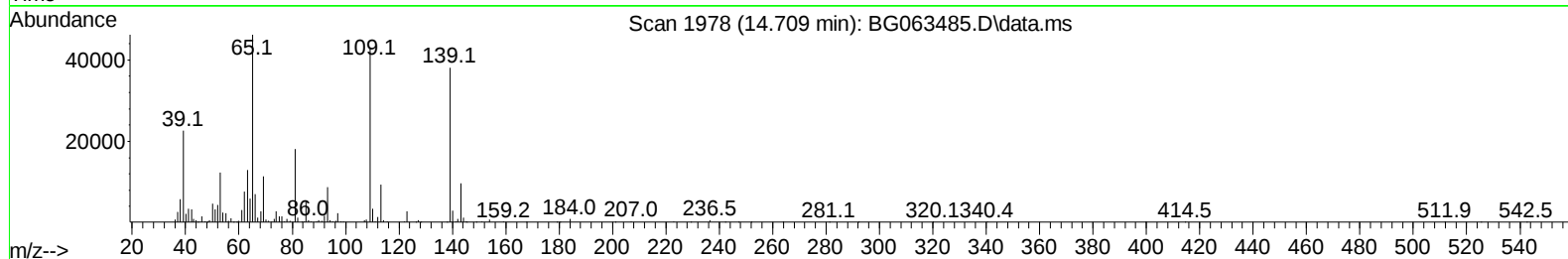
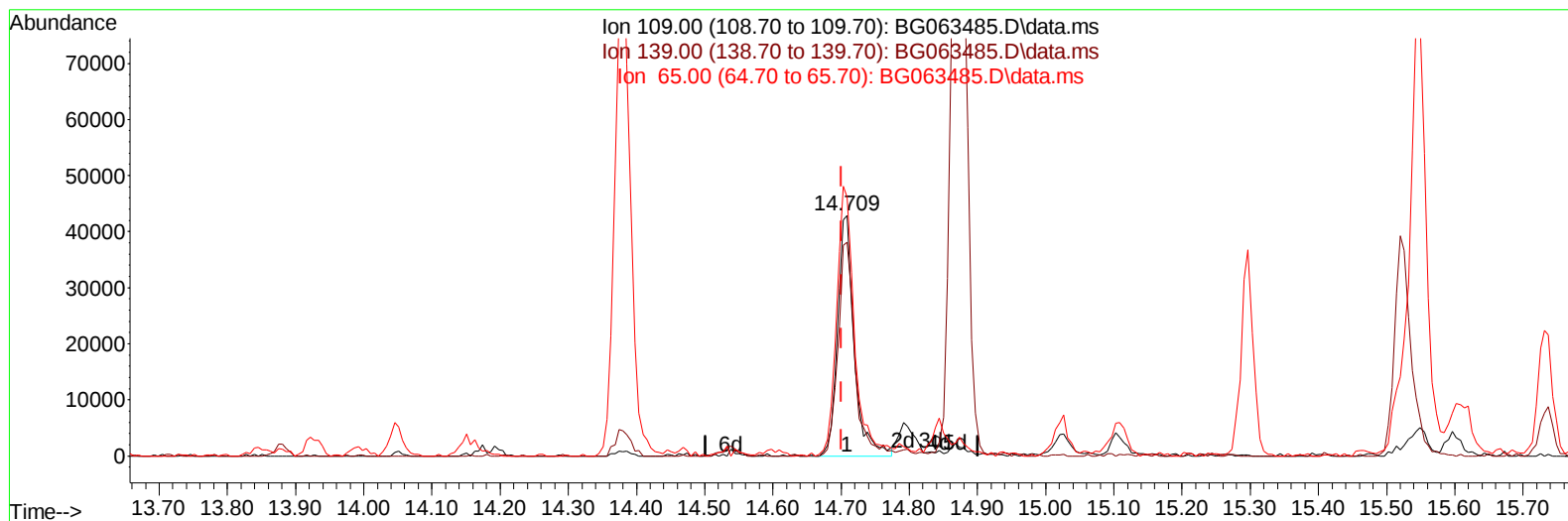
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(55) 4-Nitrophenol

14.709min (+ 0.008) 21.08 ng/ul m

response 72697

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	79.10	88.76
65.00	116.10	107.64
0.00	0.00	0.00

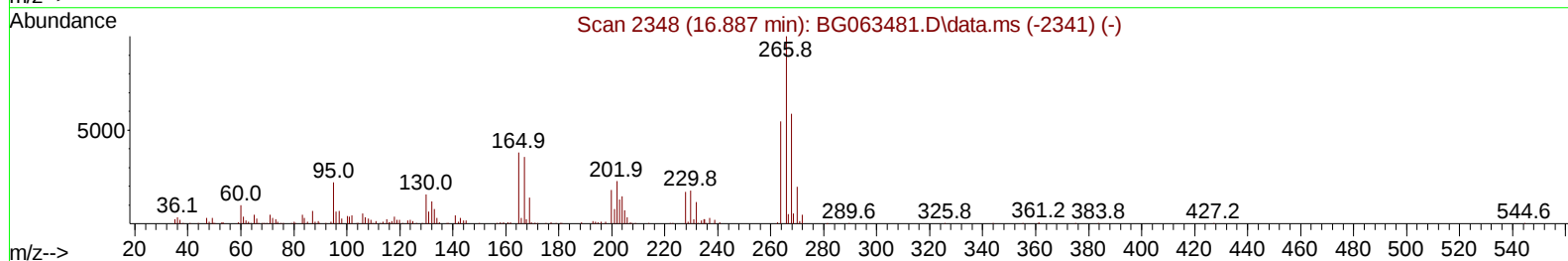
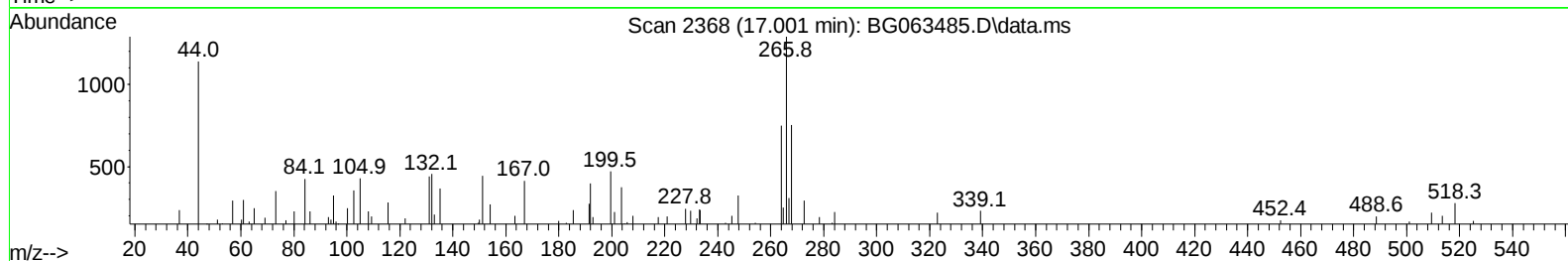
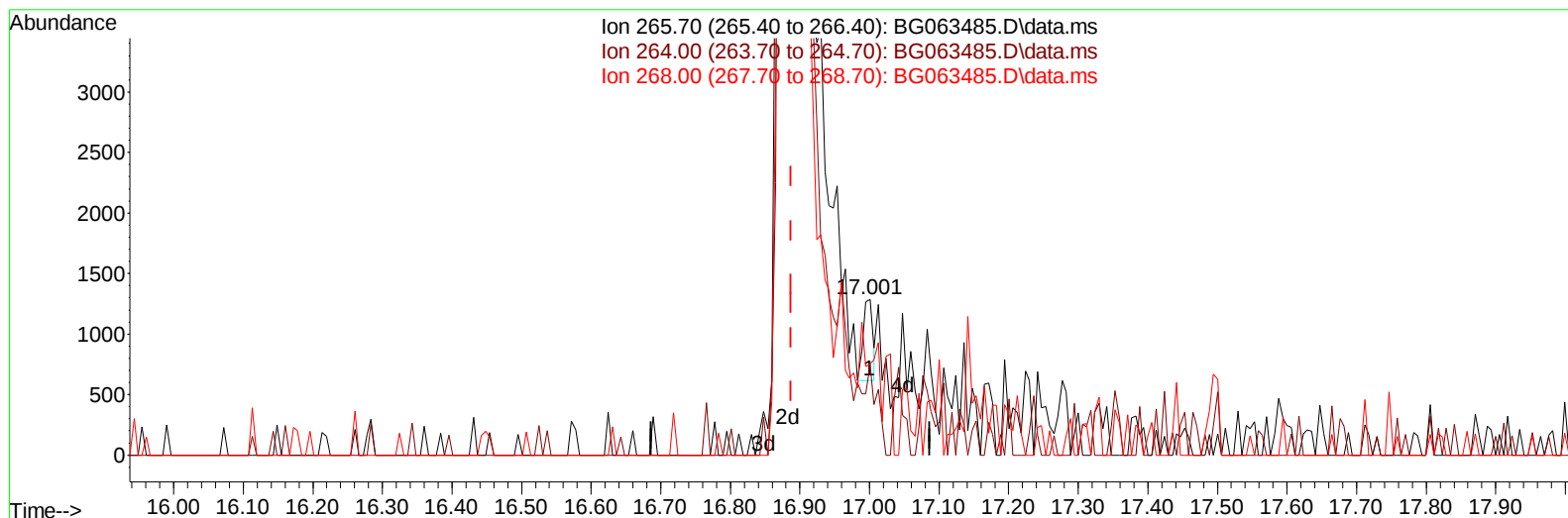
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TIC: BG063485.D\data.ms

(71) Pentachlorophenol (C)

17.001min (+ 0.114) 0.16 ng/u1

response 644

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	54.50	58.11
268.00	64.20	58.26
0.00	0.00	0.00

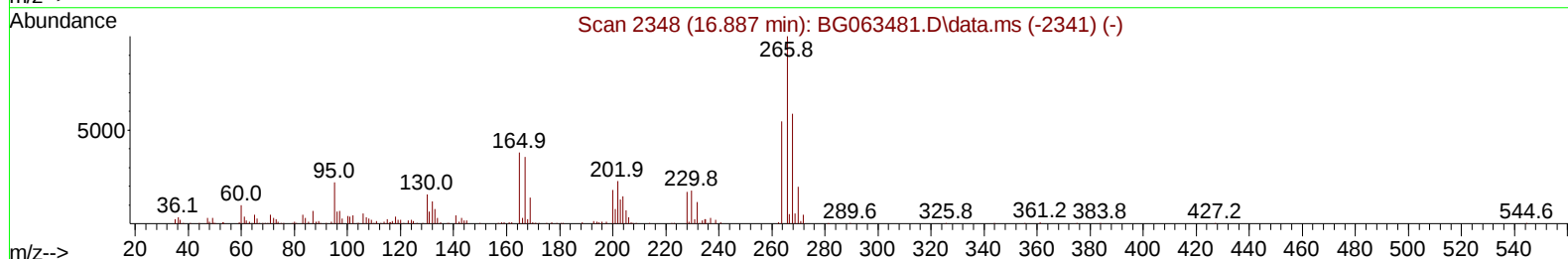
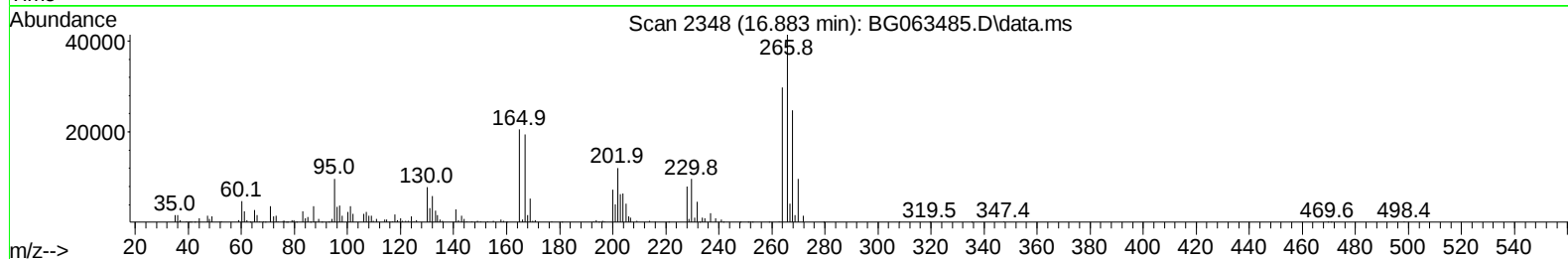
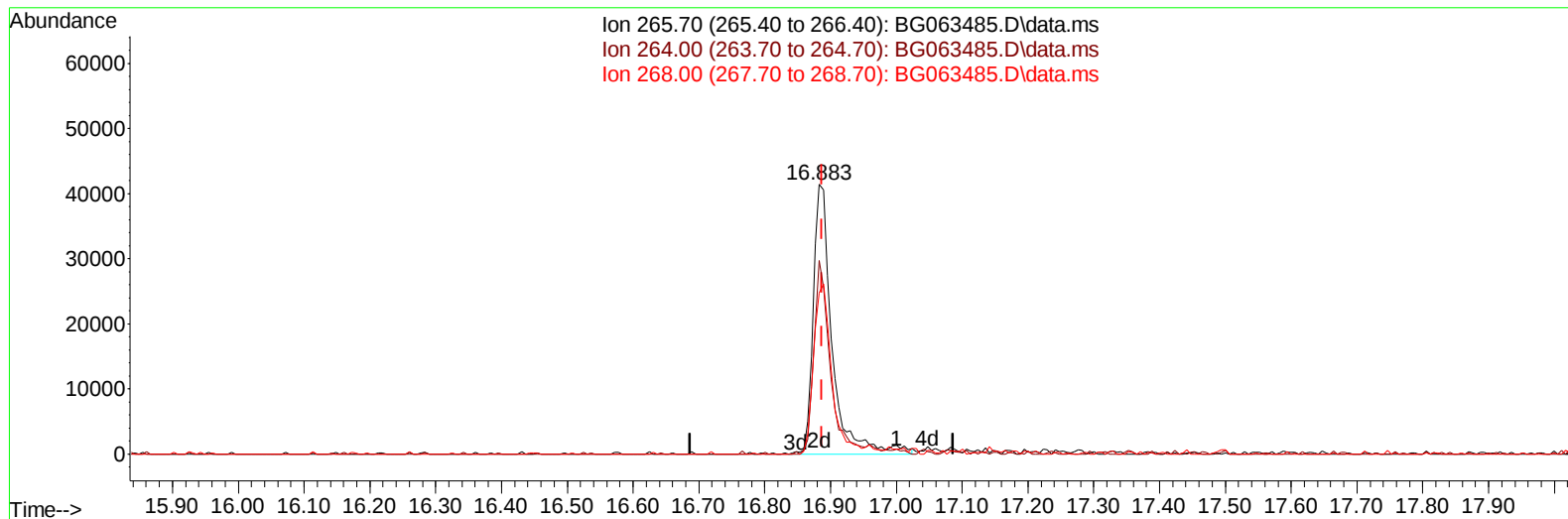
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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TIC: BG063485.D\data.ms

(71) Pentachlorophenol (C)

16.883min (-0.004) 20.62 ng/ul m

response 81563

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	54.50	71.91#
268.00	64.20	59.77
0.00	0.00	0.00

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Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Nov 20 15:51:04 2024
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 Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 11/22/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	89457	20.000	ng/ul	0.00
20) Naphthalene-d8	10.620	136	367180	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.474	164	294148	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.230	188	720016	20.000	ng/ul	0.00
79) Chrysene-d12	21.484	240	802569	20.000	ng/ul	0.00
88) Perylene-d12	24.527	264	865122	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	16015	7.066	ng/uL	0.00
4) Pyridine-d5	3.704	84	135837	19.121	ng/ul	0.00
7) Phenol-d5	7.006	99	165332	22.472	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.159	67	119774	25.382	ng/ul	0.00
11) 2-Chlorophenol-d4	7.365	132	124383	23.855	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	127485	20.736	ng/ul	0.00
21) Nitrobenzene-d5	8.986	128	62005	23.515	ng/ul	0.00
24) 2-Nitrophenol-d4	9.703	143	73766	22.646	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.244	165	138001	22.196	ng/ul	0.00
31) 4-Chloroaniline-d4	10.755	131	175114	22.268	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	441976	22.134	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	507417	22.283	ng/ul	0.00
54) 4-Nitrophenol-d4	14.692	143	64550	21.756	ng/ul	0.00
60) Fluorene-d10	15.467	176	403932	22.262	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.596	200	87150	21.529	ng/ul	0.00
73) Anthracene-d10	17.324	188	703252	22.482	ng/ul	0.00
81) Pyrene-d10	19.627	212	922701	22.936	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.321	264	944868	22.517	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	19109	7.141	ng/uL	93
5) Pyridine	3.722	79	127187	17.595	ng/ul	92
6) Benzaldehyde	6.971	77	98231	23.327	ng/ul#	83
8) Phenol	7.036	94	173299	21.601	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.253	93	129059	22.287	ng/ul	94
12) 2-Chlorophenol	7.394	128	127018	22.823	ng/ul	97
13) 2-Methylphenol	8.275	108	128162	21.471	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.346	45	175401	20.677	ng/ul	99
16) Acetophenone	8.646	105	204203	21.026	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.634	70	119585	22.033	ng/ul#	97
18) 4-Methylphenol	8.605	108	137588	21.015	ng/ul	94
19) Hexachloroethane	8.904	117	53159	22.117	ng/ul	98
22) Nitrobenzene	9.028	77	186022	22.996	ng/ul	98
23) Isophorone	9.545	82	315519	21.361	ng/ul	97
25) 2-Nitrophenol	9.733	139	71023	21.977	ng/ul	92
26) 2,4-Dimethylphenol	9.803	107	130346	18.710	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.032	93	176578	21.595	ng/ul	98
29) 2,4-Dichlorophenol	10.273	162	132920	21.882	ng/ul	96
30) Naphthalene	10.667	128	433216	23.081	ng/ul	96
32) 4-Chloroaniline	10.784	127	173715	23.117	ng/ul	99
33) Hexachlorobutadiene	10.961	225	125014	23.073	ng/ul	92
34) Caprolactam	11.536	113	44402m	21.688	ng/ul	
35) 4-Chloro-3-methylphenol	11.918	107	138082	22.335	ng/ul	96

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.283	142	309956	23.265	ng/ul	99
37) 1-Methylnaphthalene	12.506	142	296580	21.201	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.659	216	232752	22.517	ng/ul#	97
40) Hexachlorocyclopentadiene	12.635	237	79725	18.083	ng/ul	92
41) 2,4,6-Trichlorophenol	12.905	196	123802	21.828	ng/ul	95
42) 2,4,5-Trichlorophenol	12.982	196	135552	23.158	ng/ul#	89
43) 1,1'-Biphenyl	13.299	154	431509	22.104	ng/ul	98
44) 2-Chloronaphthalene	13.346	162	329686	21.493	ng/ul	97
45) 2-Nitroaniline	13.552	65	107302	22.194	ng/ul	100
47) Dimethylphthalate	13.928	163	421392	21.659	ng/ul#	96
48) 2,6-Dinitrotoluene	14.051	165	94700	23.993	ng/ul#	96
50) Acenaphthylene	14.192	152	519157	22.679	ng/ul	96
51) 3-Nitroaniline	14.380	138	87865	24.306	ng/ul#	89
52) Acenaphthene	14.539	153	357474	21.621	ng/ul	96
53) 2,4-Dinitrophenol	14.598	184	40010	19.743	ng/ul#	86
55) 4-Nitrophenol	14.709	109	72697m	21.083	ng/ul	
56) Dibenzofuran	14.874	168	536616	22.622	ng/ul	99
57) 2,4-Dinitrotoluene	14.844	165	134965	22.345	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.109	232	142047	25.537	ng/ul	95
59) Diethylphthalate	15.297	149	436085	22.191	ng/ul	99
61) Fluorene	15.526	166	445608	22.068	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.520	204	266345	22.105	ng/ul	95
63) 4-Nitroaniline	15.549	138	96289	26.018	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.614	198	94232	21.786	ng/ul#	94
67) N-Nitrosodiphenylamine	15.731	169	389254	22.771	ng/ul	99
68) 4-Bromophenyl-phenylether	16.413	248	178586	22.136	ng/ul	96
69) Hexachlorobenzene	16.536	284	185057	21.878	ng/ul	95
70) Atrazine	16.689	200	178008	21.553	ng/ul	99
71) Pentachlorophenol	16.883	266	81563m	20.620	ng/ul	
72) Phenanthrene	17.271	178	755934	22.024	ng/ul	98
74) Anthracene	17.359	178	771573	22.014	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.270	216	217779	20.787	ng/ul	89
76) Pentachlorobenzene	14.797	250	224798	21.729	ng/ul	95
77) Carbazole	17.635	167	674440	23.193	ng/ul	98
78) Di-n-butylphthalate	18.193	149	763668	22.907	ng/ul	99
80) Fluoranthene	19.292	202	1009981	22.705	ng/ul	99
82) Pyrene	19.656	202	1073563	22.522	ng/ul	98
83) Butylbenzylphthalate	20.555	149	342820	22.162	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.390	252	430644	24.979	ng/ul	98
85) Benzo(a)anthracene	21.466	228	1160253	22.358	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.384	149	512898	22.813	ng/ul	97
87) Chrysene	21.531	228	1077044	22.196	ng/ul	99
89) Di-n-octyl phthalate	22.529	149	869868	22.662	ng/ul	100
90) Benzo(b)fluoranthene	23.569	252	1174719	22.616	ng/ul	99
91) Benzo(k)fluoranthene	23.628	252	1141911	21.909	ng/ul	99
93) Benzo(a)pyrene	24.386	252	1096946	22.565	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.958	276	1311937	21.758	ng/ul	98
95) Dibenzo(a,h)anthracene	28.005	278	1084564	22.002	ng/ul	95
96) Benzo(g,h,i)perylene	29.028	276	988751	21.627	ng/ul	98

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

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