

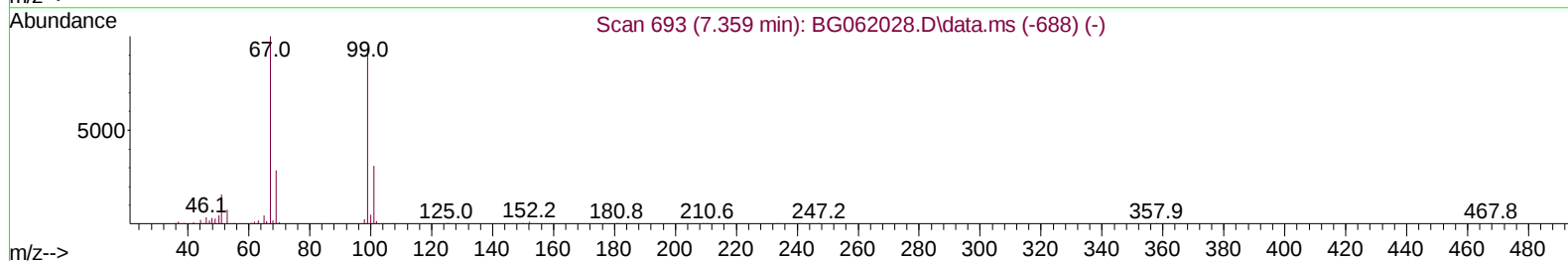
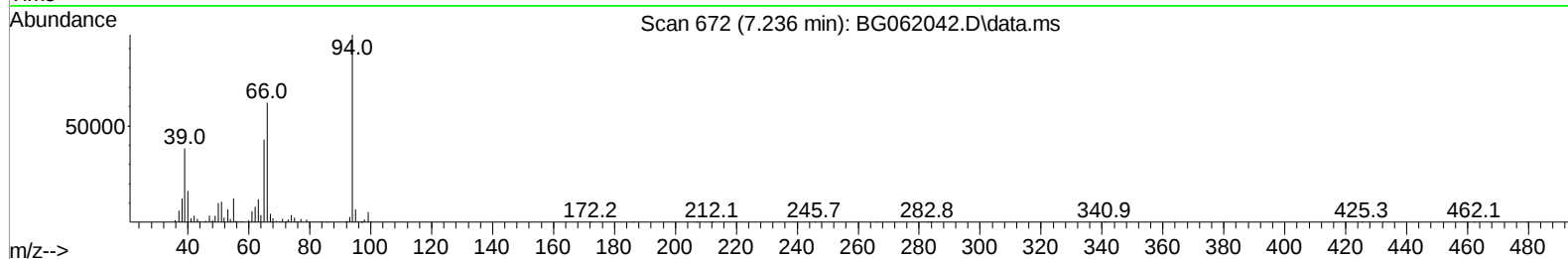
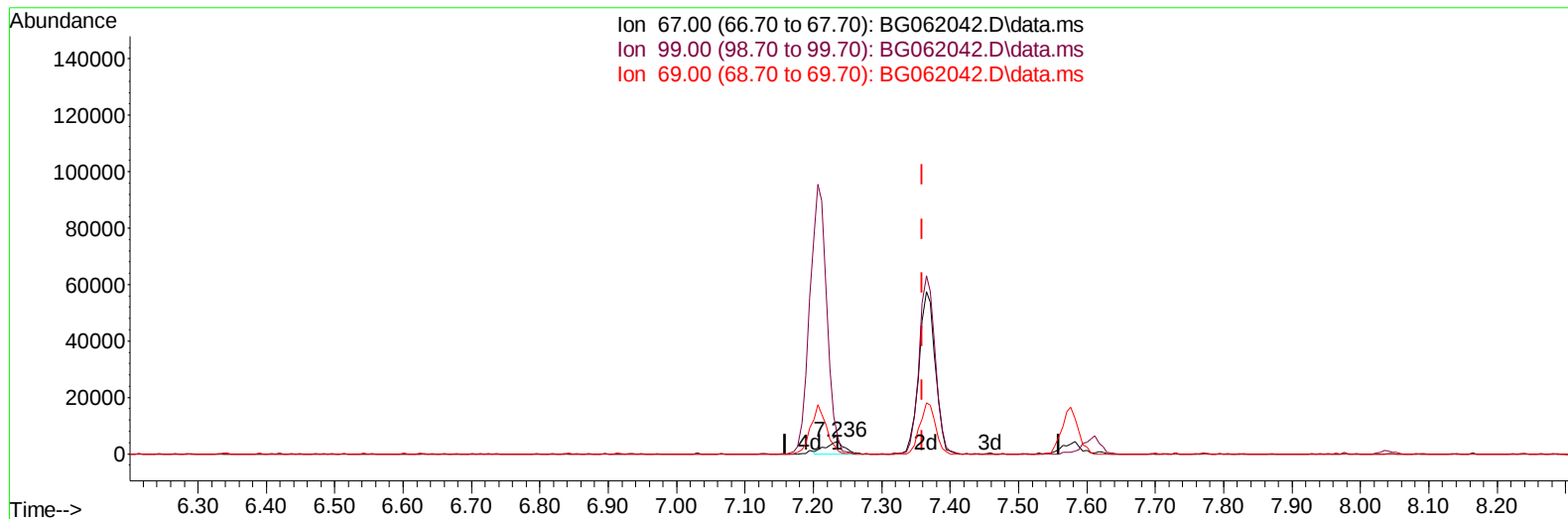
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062042.D
Acq On : 12 Jul 2024 14:04
Operator : MA/JU
Sample : PB161949BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS949

Manual IntegrationsAPPROVED

Quant Time: Jul 12 14:47:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



TIC: BG062042.D\data.ms

(9) Bis-(2-Chloroethyl)ether-d8 (S)

7.236min (-0.123) 2.20 ng/u1

response 8470

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	109.10	117.13
69.00	24.30	20.64
0.00	0.00	0.00

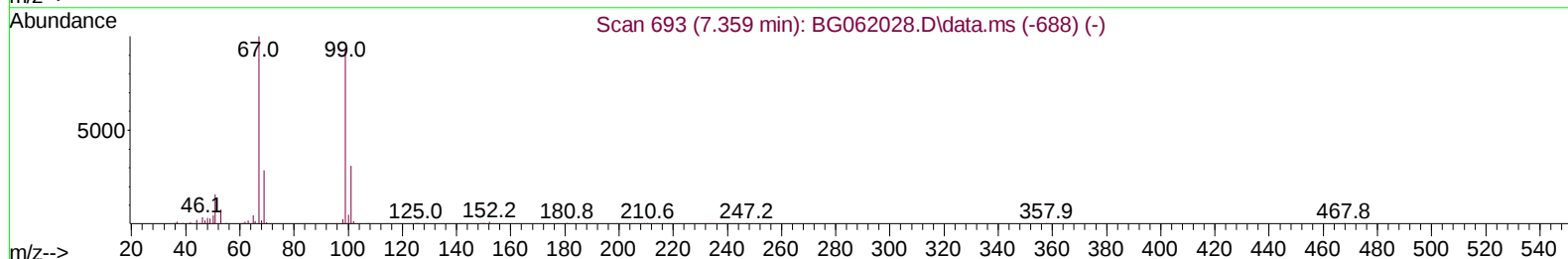
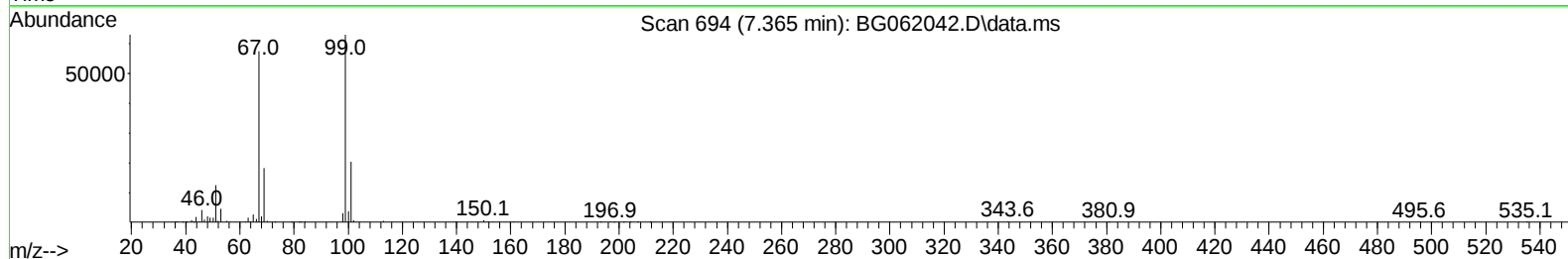
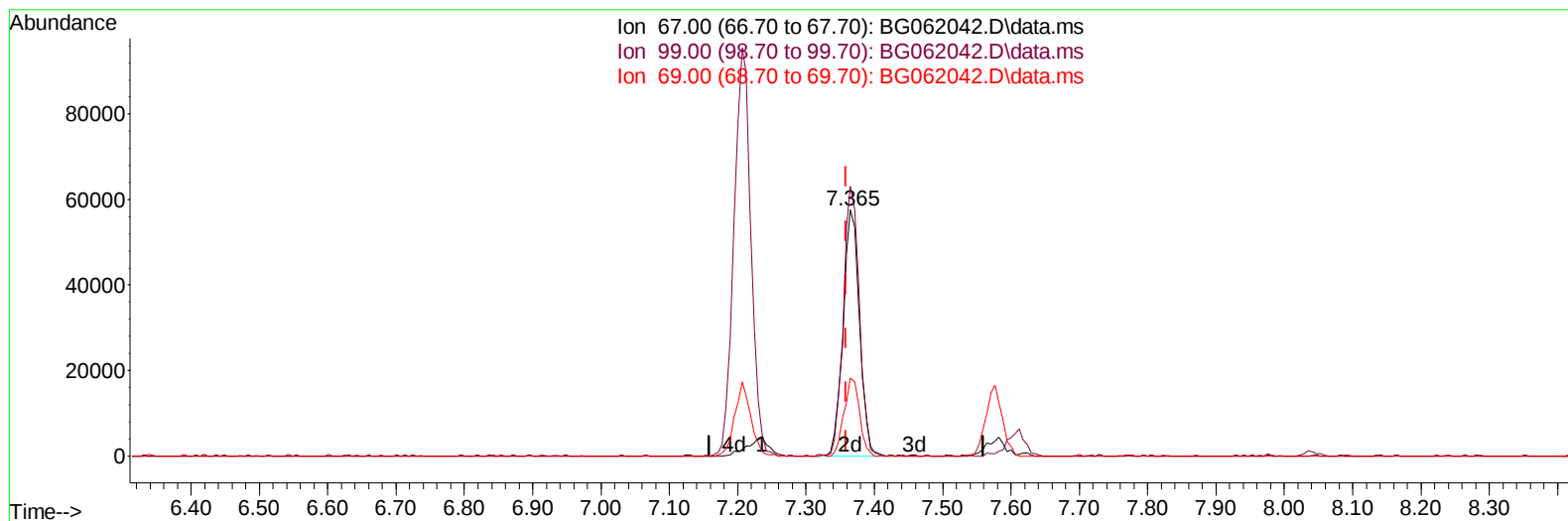
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TIC: BG062042.D\data.ms

(9) Bis-(2-Chloroethyl)ether-d8 (S)

7.365min (+ 0.006) 24.89 ng/ul m

response 95667

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	109.10	109.58
69.00	24.30	31.70#
0.00	0.00	0.00

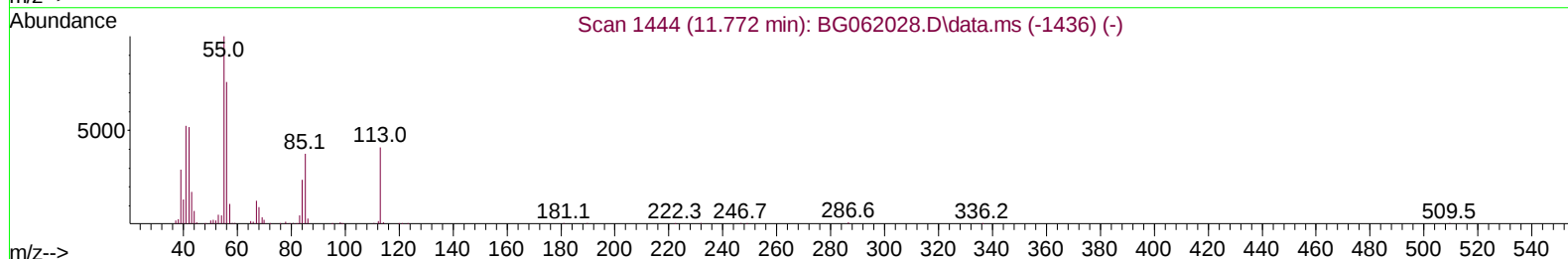
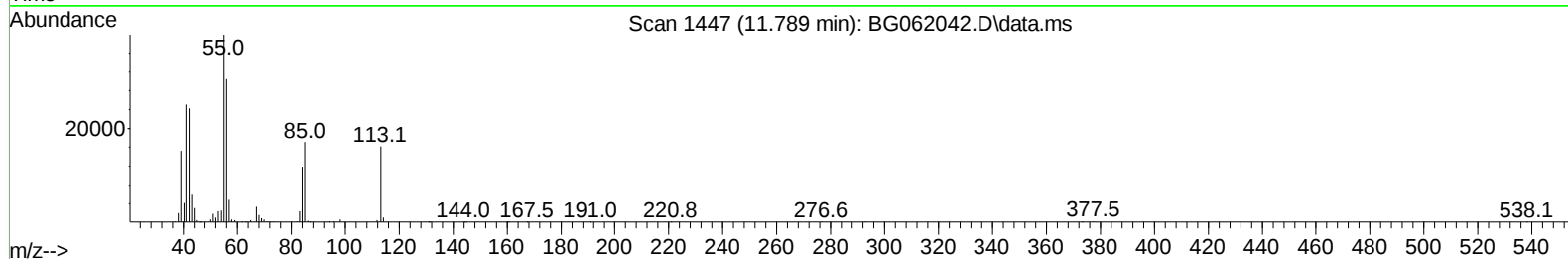
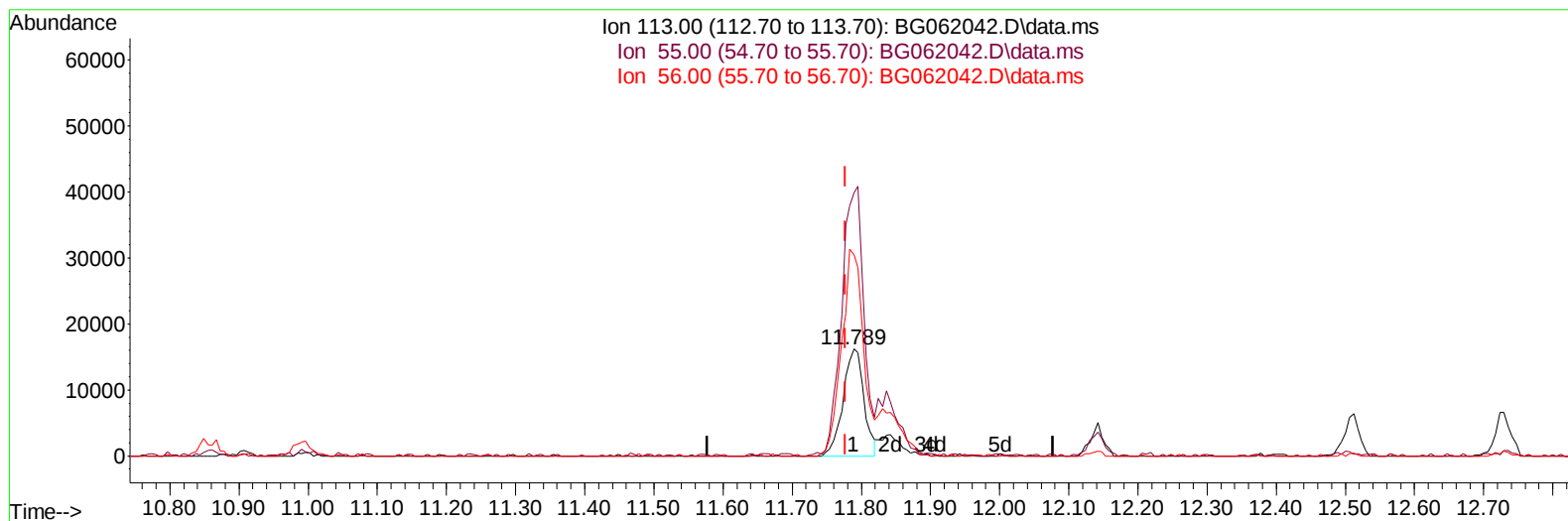
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ALS Vial : 39 Sample Multiplier: 1

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TIC: BG062042.D\data.ms

(34) Caprolactam

11.789min (+ 0.012) 22.60 ng/ul

response 33834

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.70	246.04
56.00	168.80	188.04
0.00	0.00	0.00

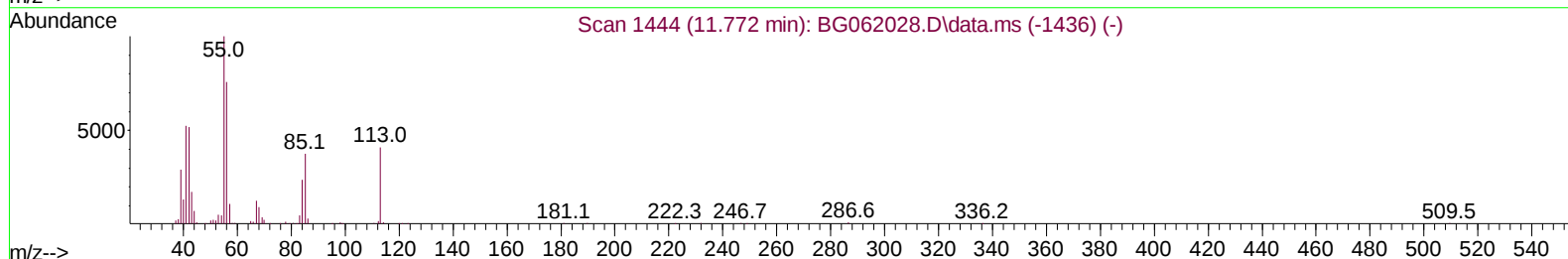
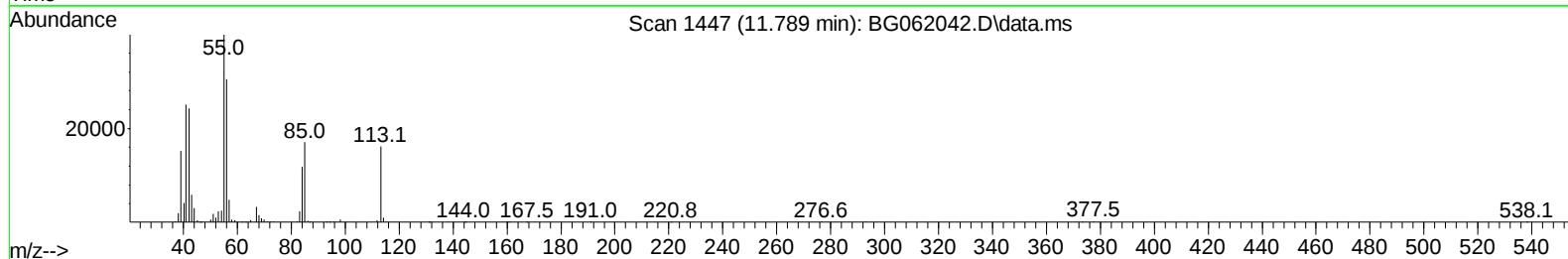
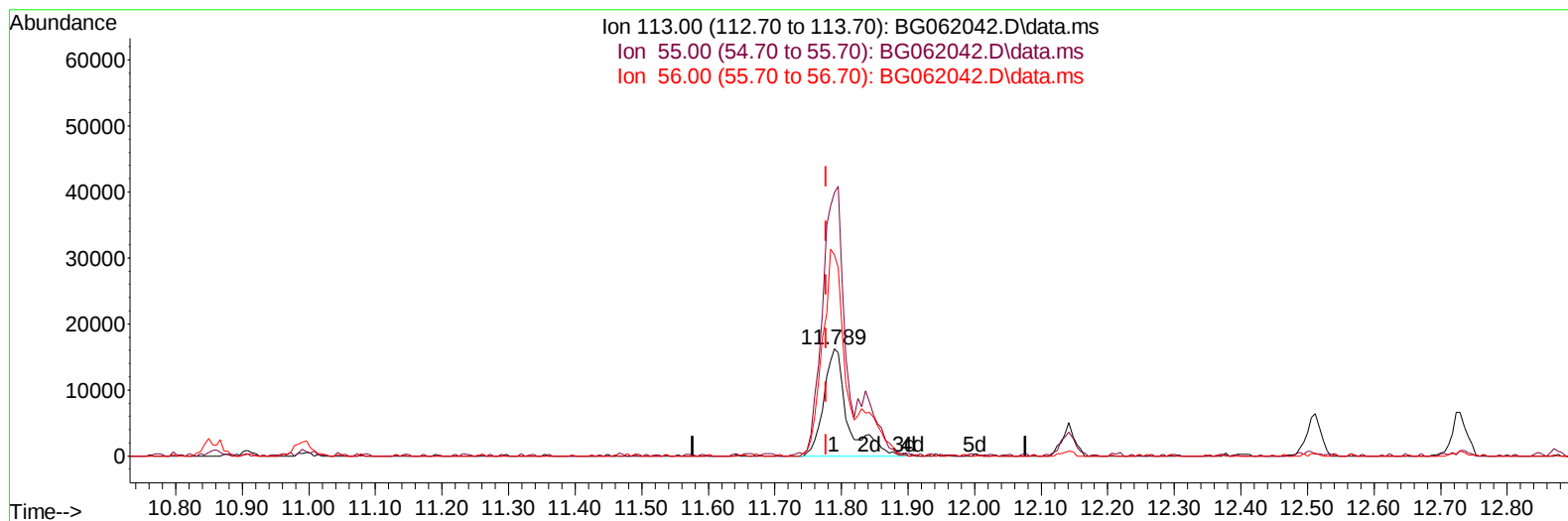
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
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 ALS Vial : 39 Sample Multiplier: 1

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TIC: BG062042.D\data.ms

(34) Caprolactam

11.789min (+ 0.012) 27.26 ng/ul m

response 40820

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.70	246.04
56.00	168.80	188.04
0.00	0.00	0.00

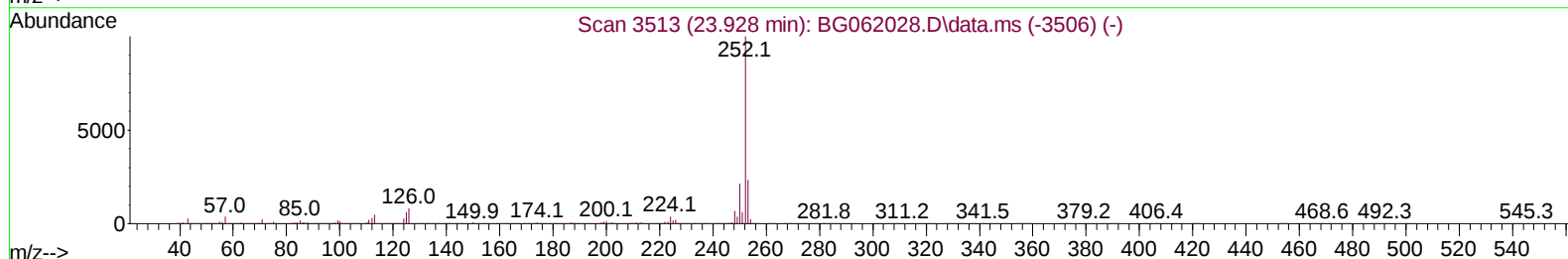
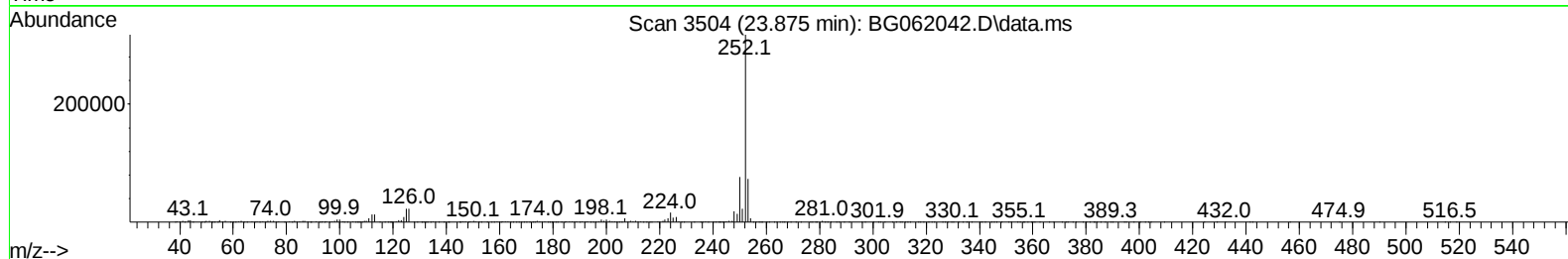
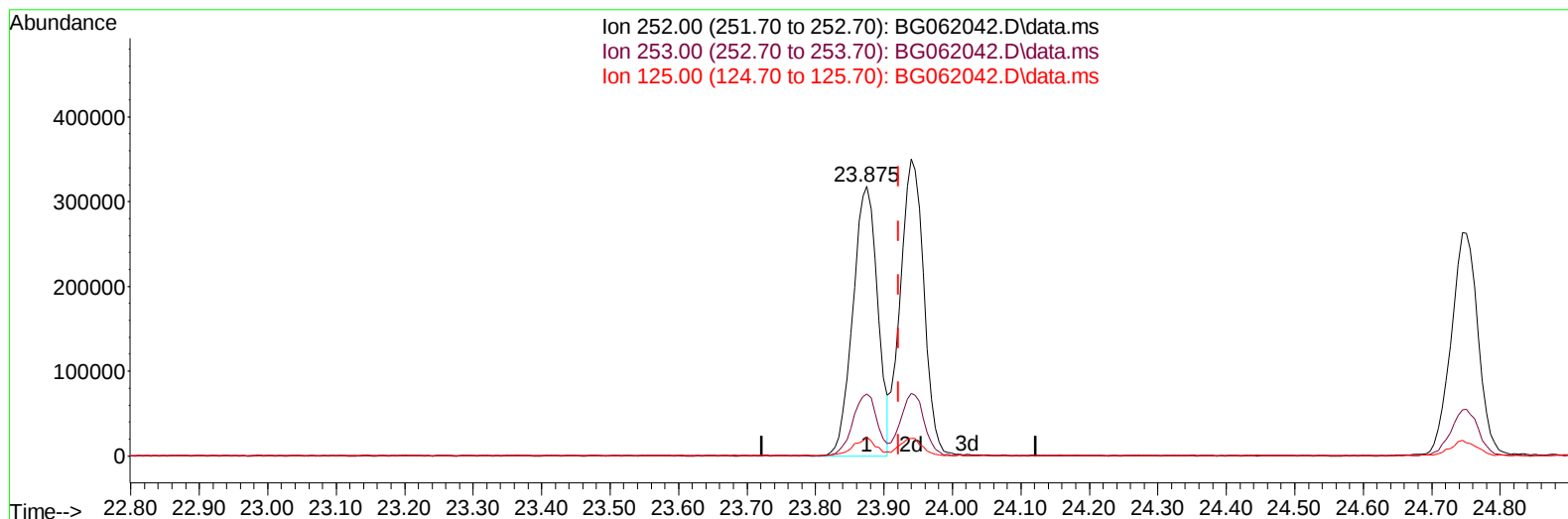
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TIC: BG062042.D\data.ms

(91) Benzo(k)fluoranthene

23.875min (-0.047) 31.40 ng/u1

response 802522

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	22.95
125.00	7.90	7.05
0.00	0.00	0.00

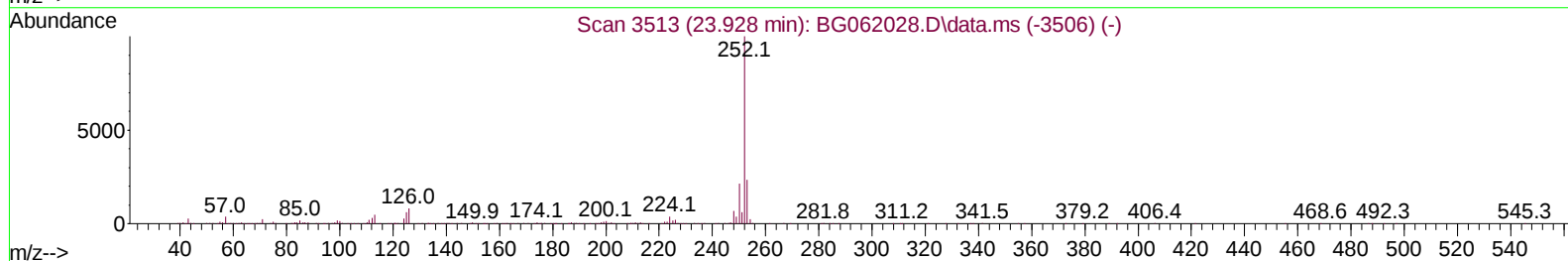
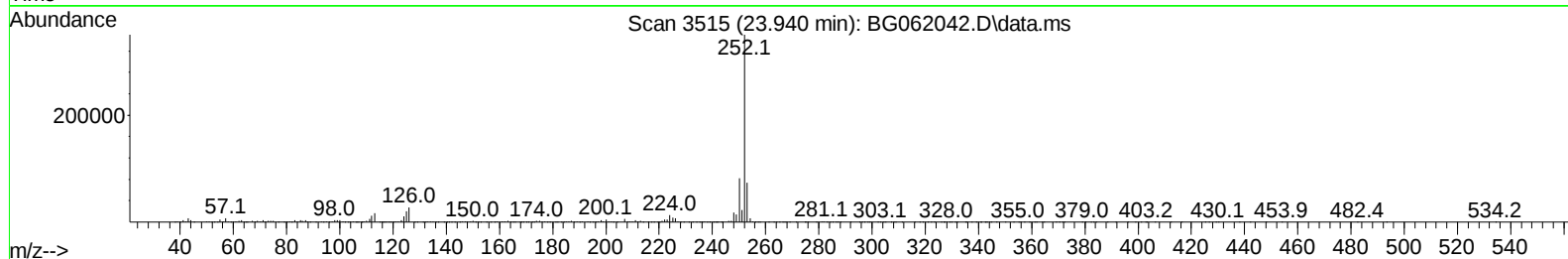
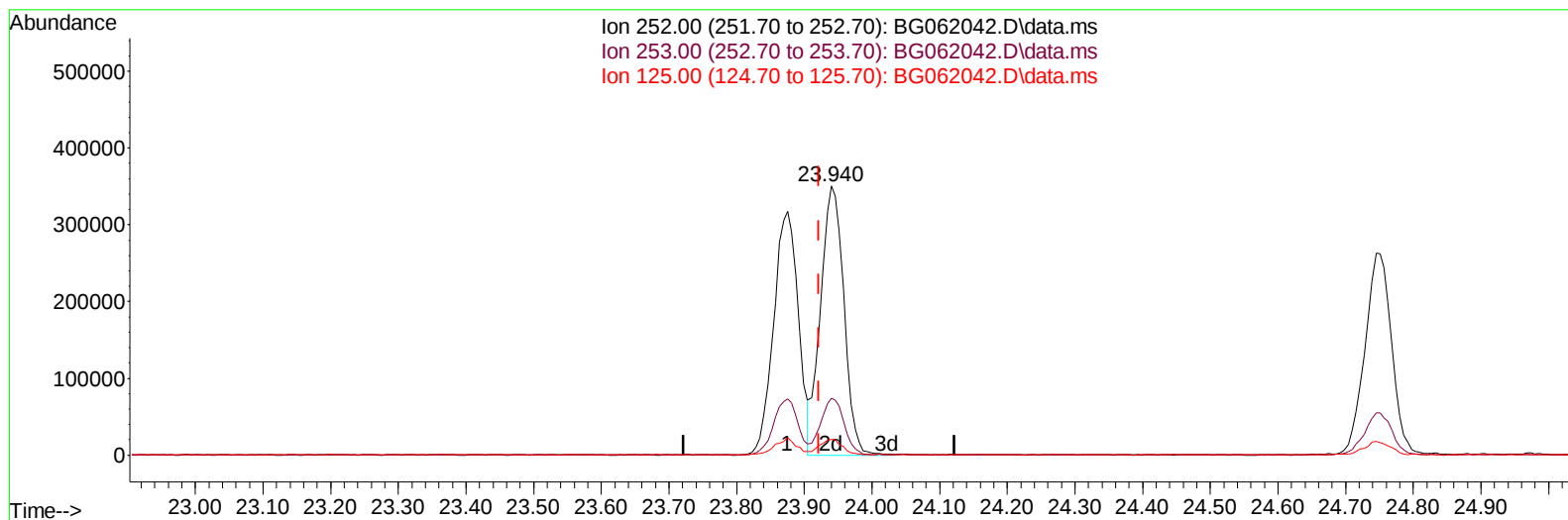
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Data File : BG062042.D
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Operator : MA/JU
Sample : PB161949BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG062042.D\data.ms

(91) Benzo(k)fluoranthene

23.940min (+ 0.018) 32.86 ng/ul m

response 839962

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	21.20
125.00	7.90	5.88#
0.00	0.00	0.00

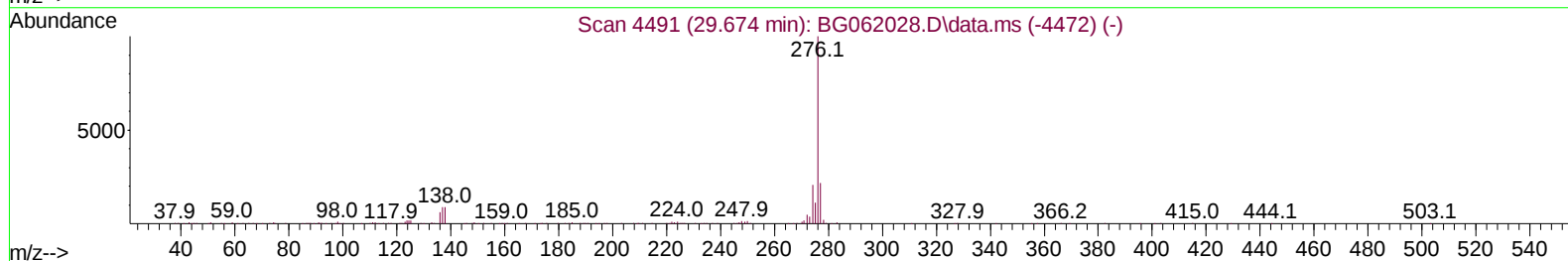
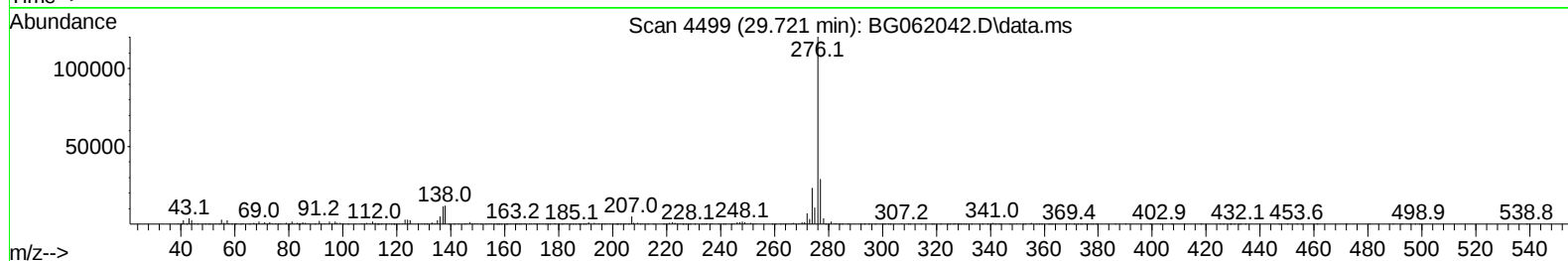
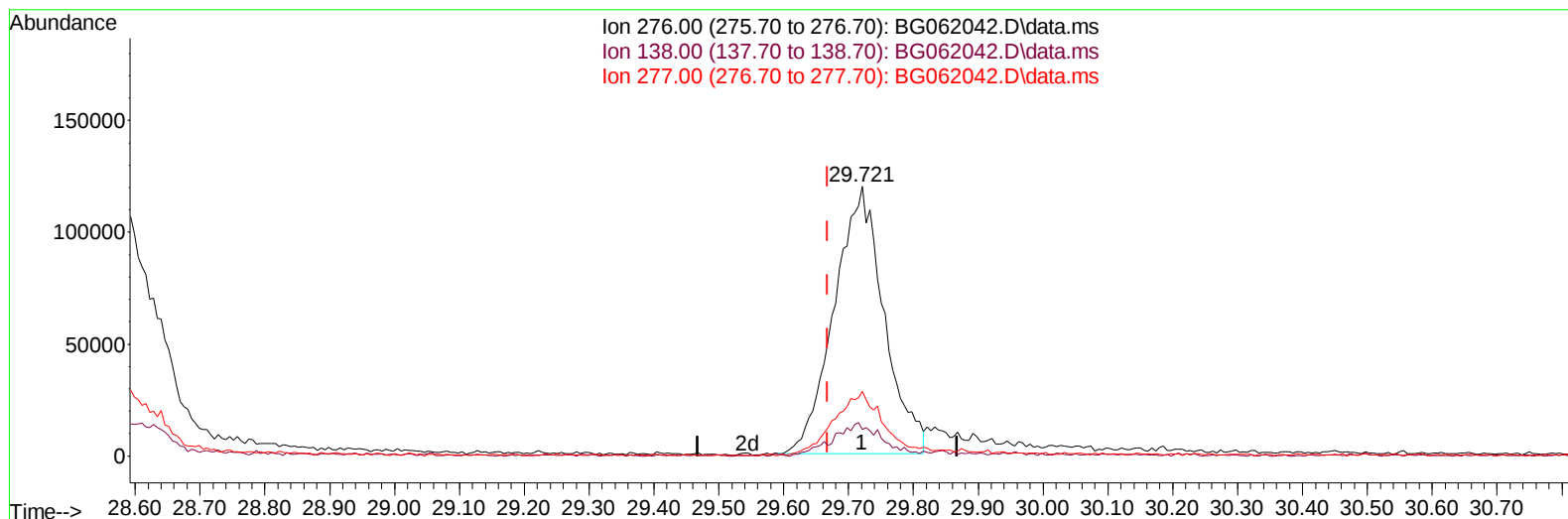
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Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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TIC: BG062042.D\data.ms

(96) Benzo(g,h,i)perylene

29.721min (+ 0.053) 25.87 ng/u1

response 638283

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.90	9.82#
277.00	23.50	24.01
0.00	0.00	0.00

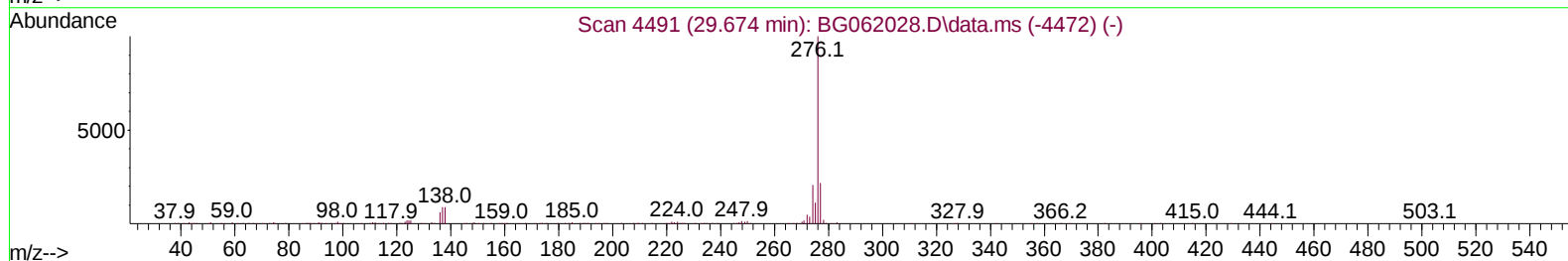
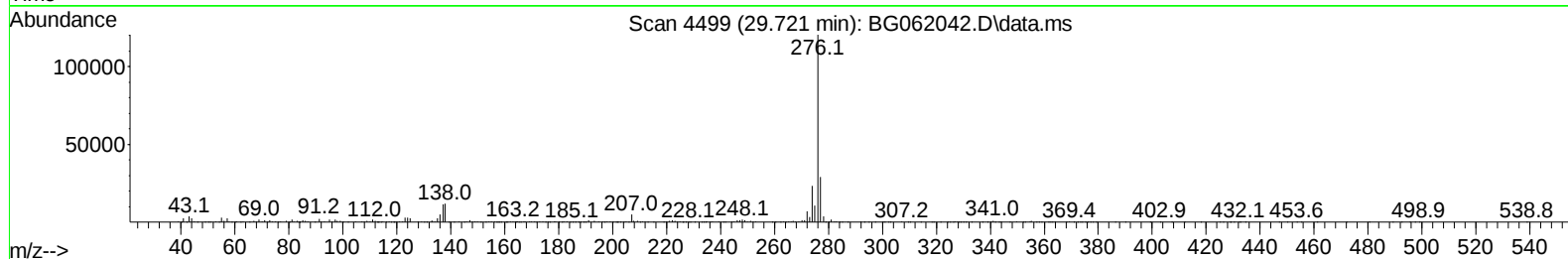
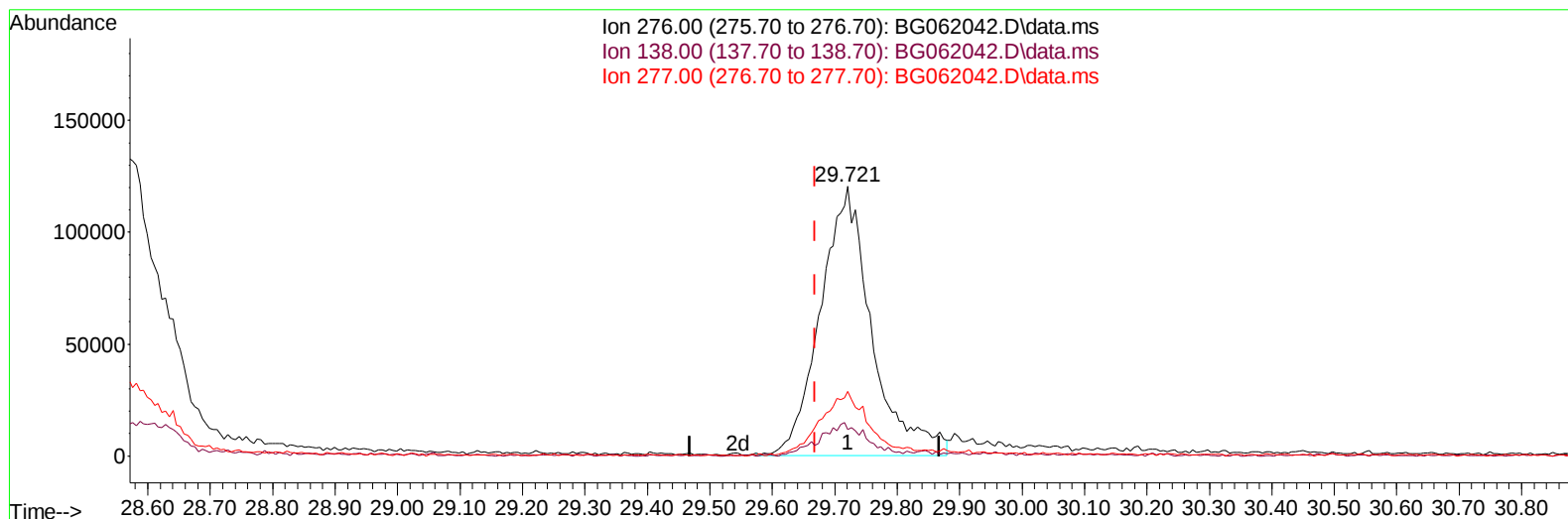
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Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BG062042.D\data.ms

(96) Benzo(g,h,i)perylene

29.721min (+ 0.053) 27.89 ng/ul m

response 688151

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.90	9.82#
277.00	23.50	24.01
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.041	152	55454	20.000	ng/ul	0.00
20) Naphthalene-d8	10.855	136	242871	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.674	164	163546	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.418	188	380270	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.684	240	338909	20.000	ng/ul	# 0.00
88) Perylene-d12	24.897	264	406828	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.446	96	9645	6.536	ng/uL	0.00
4) Pyridine-d5	3.857	84	119677	26.376	ng/ul	0.00
7) Phenol-d5	7.206	99	165073	27.201	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.365	67	95667m	24.893	ng/ul	0.00
11) 2-Chlorophenol-d4	7.571	132	118793	28.537	ng/ul	0.00
15) 4-Methylphenol-d8	8.758	113	122205	25.576	ng/ul	0.01
21) Nitrobenzene-d5	9.210	128	59039	31.963	ng/ul	0.00
24) 2-Nitrophenol-d4	9.933	143	70980	33.650	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.479	165	137221	33.727	ng/ul	0.01
31) 4-Chloroaniline-d4	10.996	131	159802	27.053	ng/ul	0.01
46) Dimethylphthalate-d6	14.081	166	420506	31.274	ng/ul	0.00
49) Acenaphthylene-d8	14.369	160	454532	32.329	ng/ul	0.00
54) 4-Nitrophenol-d4	14.886	143	69154	32.206	ng/ul	0.01
60) Fluorene-d10	15.667	176	372125	32.876	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.785	200	57026	28.554	ng/ul	0.00
73) Anthracene-d10	17.524	188	564876	31.816	ng/ul	0.00
81) Pyrene-d10	19.803	212	659634	33.090	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.680	264	671567	33.284	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.476	88	17331	10.640	ng/ul#	84
5) Pyridine	3.881	79	113375	24.364	ng/ul	86
6) Benzaldehyde	7.177	77	92655	28.848	ng/ul	95
8) Phenol	7.236	94	164633	26.497	ng/ul#	80
10) Bis(2-Chloroethyl)ether	7.459	93	114435	23.975	ng/ul	94
12) 2-Chlorophenol	7.612	128	121981	28.762	ng/ul	98
13) 2-Methylphenol	8.487	108	115168	25.970	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.558	45	233960	22.436	ng/ul#	93
16) Acetophenone	8.869	105	193773	24.551	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.846	70	103491	23.421	ng/ul#	93
18) 4-Methylphenol	8.822	108	128793	25.934	ng/ul	94
19) Hexachloroethane	9.128	117	50292	27.336	ng/ul#	85
22) Nitrobenzene	9.257	77	164023	31.283	ng/ul	97
23) Isophorone	9.774	82	300790	25.393	ng/ul#	95
25) 2-Nitrophenol	9.968	139	68093	31.654	ng/ul	96
26) 2,4-Dimethylphenol	10.027	107	119443	23.200	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.256	93	164078	25.153	ng/ul	97
29) 2,4-Dichlorophenol	10.503	162	124875	32.674	ng/ul	96
30) Naphthalene	10.908	128	395638	29.656	ng/ul	97
32) 4-Chloroaniline	11.020	127	146152	25.216	ng/ul	99
33) Hexachlorobutadiene	11.178	225	100676	35.006	ng/ul	90
34) Caprolactam	11.789	113	40820m	27.261	ng/ul	
35) 4-Chloro-3-methylphenol	12.142	107	155260	30.503	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.512	142	291722	30.183	ng/ul	93
37) 1-Methylnaphthalene	12.729	142	283245	28.200	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.870	216	169668	34.546	ng/ul	98
40) Hexachlorocyclopentadiene	12.841	237	25623	7.837	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.117	196	103967	31.871	ng/ul	98
42) 2,4,5-Trichlorophenol	13.194	196	114563	31.970	ng/ul	96
43) 1,1'-Biphenyl	13.511	154	392624	31.158	ng/ul	98
44) 2-Chloronaphthalene	13.558	162	299345	31.652	ng/ul	94
45) 2-Nitroaniline	13.763	65	131076	34.610	ng/ul	98
47) Dimethylphthalate	14.128	163	382037	29.540	ng/ul	100
48) 2,6-Dinitrotoluene	14.251	165	83146	33.890	ng/ul	89
50) Acenaphthylene	14.404	152	468393	30.355	ng/ul	99
51) 3-Nitroaniline	14.586	138	79941	33.474	ng/ul	99
52) Acenaphthene	14.739	153	321272	30.152	ng/ul	99
53) 2,4-Dinitrophenol	14.792	184	27580	21.517	ng/ul#	76
55) 4-Nitrophenol	14.903	109	93903	38.317	ng/ul	89
56) Dibenzofuran	15.074	168	469531	31.179	ng/ul	91
57) 2,4-Dinitrotoluene	15.038	165	127005	35.299	ng/ul#	77
58) 2,3,4,6-Tetrachlorophenol	15.303	232	101269	31.296	ng/ul	95
59) Diethylphthalate	15.485	149	407282	29.224	ng/ul	98
61) Fluorene	15.726	166	385965	30.138	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.714	204	196448	30.538	ng/ul	92
63) 4-Nitroaniline	15.743	138	88612	36.567	ng/ul	83
66) 4,6-Dinitro-2-methylph...	15.802	198	55462	25.805	ng/ul#	78
67) N-Nitrosodiphenylamine	15.926	169	325461	31.340	ng/ul	98
68) 4-Bromophenyl-phenylether	16.607	248	140756	32.627	ng/ul	96
69) Hexachlorobenzene	16.719	284	167356	33.737	ng/ul	97
70) Atrazine	16.872	200	63251	15.429	ng/ul	94
71) Pentachlorophenol	17.065	266	76322	27.990	ng/ul	96
72) Phenanthrene	17.465	178	619179	30.880	ng/ul	97
74) Anthracene	17.553	178	612802	29.573	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.476	216	168915	35.765	ng/ul	93
76) Pentachlorobenzene	14.991	250	188963	35.079	ng/ul	95
77) Carbazole	17.823	167	562122	32.234	ng/ul	99
78) Di-n-butylphthalate	18.370	149	702962	31.397	ng/ul#	97
80) Fluoranthene	19.469	202	744253	31.548	ng/ul#	93
82) Pyrene	19.833	202	770179	31.605	ng/ul#	93
83) Butylbenzylphthalate	20.708	149	319451	31.235	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.578	252	274563	34.053	ng/ul	98
85) Benzo(a)anthracene	21.660	228	776768	31.656	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.554	149	450514	30.698	ng/ul	98
87) Chrysene	21.731	228	731787	31.856	ng/ul	98
89) Di-n-octyl phthalate	22.765	149	792726	31.895	ng/ul	100
90) Benzo(b)fluoranthene	23.875	252	802522	31.310	ng/ul	97
91) Benzo(k)fluoranthene	23.940	252	839962m	32.863	ng/ul	
93) Benzo(a)pyrene	24.745	252	708642	29.197	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.558	276	908703	29.297	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.634	278	767615	29.965	ng/ul	96
96) Benzo(g,h,i)perylene	29.721	276	688151m	27.888	ng/ul	

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

Instrument :

BNA_G

ClientSampleId :

SLCS949

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024

Supervised By :mohammad ahmed 07/15/2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062042.D
 Acq On : 12 Jul 2024 14:04
 Operator : MA/JU
 Sample : PB161949BS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS949

Manual IntegrationsAPPROVED

Quant Time: Jul 12 14:49:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/15/2024

